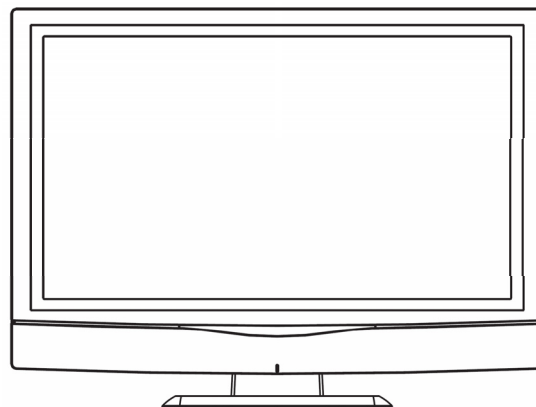


Service
Service
Service



Service Manual

TABLE OF CONTENTS

Description	Page	Description	Page
Table Of Contents.....	1	5.Front Panel Control Knobs.....	17
Revision List.....	2	6.Repair Flow Chart.....	18
Important Safety Notice.....	3	7.Mechanical Instructions.....	24
1.General Specifications.....	4	8.PCB Layout.....	29
2.Operating Instructions.....	6	8.1.Main Board.....	29
2.1.The Use of Remote Control.....	6	8.2.Power Board.....	32
2.2.To Use the Menu.....	7	8.3.DC to DC Board.....	35
2.3.LCD TV Description.....	14	8.4.IR Board.....	35
2.4.Interface Connector.....	14	8.5.Key Board.....	36
3.Precautions and Notices.....	15	8.6.Headphone Board.....	36
3.1.Assembly Precaution.....	15	9.Block Diagram.....	37
3.2.Operating Precaution.....	15	10.Schematic Diagram.....	38
3.3.Storage Precaution.....	15	10.1.Main Board.....	38
3.4.High Voltage Warning.....	15	10.2.Power Board.....	52
4.Input/Output Description.....	16	11.Exploded View.....	54
4.1.D-SUB Connector.....	16	12.BOM List.....	55
4.2.Factory Preset Display Modes.....	17		

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 VOLTAGE

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

Revision List

[illegible]

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

Items		Specifications	
TV Function	TV Tuning System	NTSC 181 channel (PLL band) electronic adjustment system	
	Sound System	MTS + SAP	
	Color systems	NTSC	
Video Inputs	AV1	RCA x 1	Audio channel L / R x 1
	AV2	RCA x 1	Audio channel L / R x 1 (shared)
		S-Video x 1	
	COMPONENT (480i/480p/720p/1080i)	Y,Pb,Pr x 1	Audio channel L / R x 1

PC Input	Signal Input	Analog: D-Sub 15 pin (detachable cable)	
	PnP compatibility	DDC 2B	
	Input frequency	Analog: FH: 31.5kHz to 49kHz FV: 56Hz to 75Hz	
	Recommended	Analog:1024 x 768 (60Hz)	
	Input Audio	Headphone Mini-jack for stereo (3.5ø)	
Audio Output	Audio Output: L / R	Speaker (built-in): Two 3 watt speakers	Speaker (built-in): Two 4 watt speakers
		Headphone Mini-jack for stereo (3.5ø)	
		Line Output (RCA L/R)	
OSD language	English / French / Spanish / Portuguese		
Power	Power Input	AC100V~240V, 50/60Hz	
	Power Consumption	<150W	<180W
Environment	Operating temp	+ 0 °C ~ + 40 °C	
	Storage temp	- 10 °C ~ + 60 °C	
	Operating humidity	10% ~ 85%	

Panel Tilt	Forwards/Backwards/ Rotation	-5° / +20° / ±35°	
Dimension	W x H x D (with stand)	695 x 540 x 230 (mm)	810 x 605 x 247.6 (mm)
Weight (net)	Kg (w/o Accessories)	14.3Kg	15.6 Kg
Accessories	Remote Controller, Batteries (x2), AC Power Cord, D-sub Signal Cable, Audio Cable ,User's Manual		

2. Operating Instructions

2.1. The Use Of Remote Control

POWER

Press to turn on/off the TV. The TV is never completely powered off unless it is physically unplugged.

0~9/100 Digit buttons

To select a TV channel.

CH

Press Δ or ∇ (or $\blacktriangle$ or $\blacktriangledown$) to browse through the TV channels which are not erased. To view a blocked channel, use the digit buttons to access the channel and enter your access code.

VOL

Press + or - (or $\blacktriangleleft$ or $\blacktriangleright$) to adjust the volume.

PC

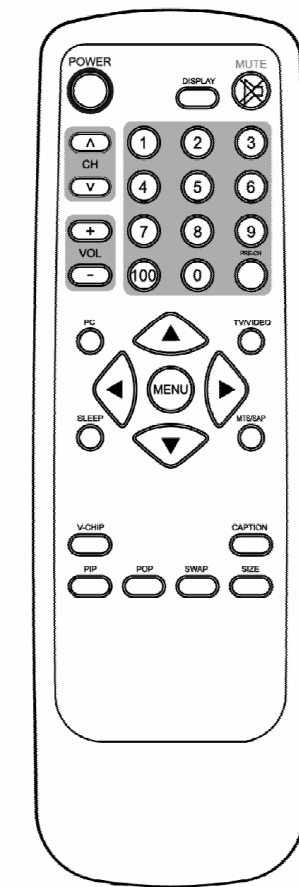
select your input source to PC

SLEEP

With this key you can set a time period after which the TV should switch itself to standby. Press the key repeatedly to select the number of minutes. The counter runs from 0,30,60,90,120 minutes. The timer begins to count down from the number of minutes selected after the display has disappeared.

PIP

Press this button to display PC input and other input on the screen at same time.



MENU

Press repeatedly to display OSD menu.

V-CHIP

Press this button to setup parental control.

SWAP

Not Supported. (for the model with this function only).

SIZE

Includes 3 modes. Press repeatedly to select 4:3/ 16:9 (linear) / 16:9 (non-linear).

POP

Not Supported. (for the model with this function only).

MUTE

Temporarily interrupt the sound or restore it.

DISPLAY

Press this button to Display Channel number on the right-top corner.

MTS /SAP

Press this key to activate Multichannel Television Sound, Stereo or Mono.

PRE-CH

To display the previously selected TV channel.

TV/VIDEO

Select your input source: press repeatedly to select **TV, AV1, AV2, S-VIDEO** or **COMPONENT** mode, according to where you connected your external source.

- **AV1/AV2** for a VCR connected to the AV connectors of the TV.
- **S-VIDEO** for a S-Video VCR connected to the S-VIDEO connector of the TV.
- **COMPONENT** for a DVD/DTV Set Top Box or another component video device connected to Y, Pb, Pr and to the **AV AUDIO** inputs L and R.

CAPTION

Press this button to turn **Closed Caption** on. Be sure you have selected Caption On in the Setup menu.

2.2 To Use The Menus

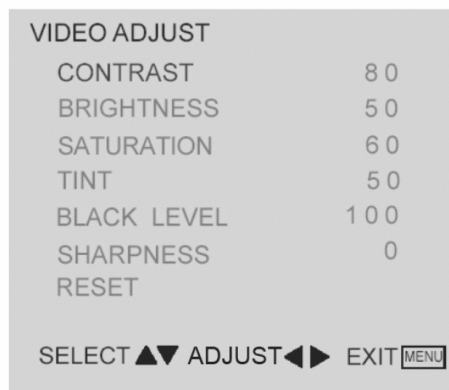
1. Press the **MENU** button to display each menu
2. Use the cursor up/down to select a menu item.
3. Use the cursor left/right to enter a submenu or enable/disable the function.
4. Press the **MENU** button to exit the menu.

MAIN MENU

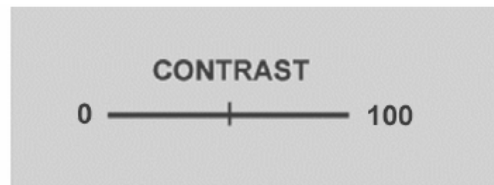
Press the **MENU** button into the main OSD (On Screen Display). Adjust item include **VIDEO ADJUST**, **AUDIO ADJUST**, **CLOSED CAPTION**, **V-CHIP**, **SLEEP TIMER**, **SET UP** and **PC ADJUST**.



Video Adjust

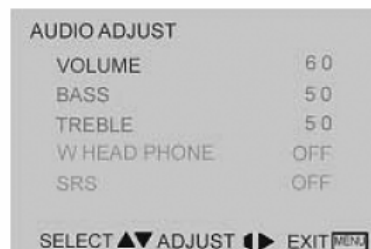


1. **Contrast**, **Brightness** and **Saturation** are adjusted from 0 to 100.
2. **Tint** is adjusted from 0 to 100.
3. **Black Level** is adjusted from 0 to 100.
4. **Sharpness** is adjusted from 0 to 10.
You can adjust picture contrast, brightness, color, tint and sharpness to the levels you prefer.
5. **Reset** is set up to default value.



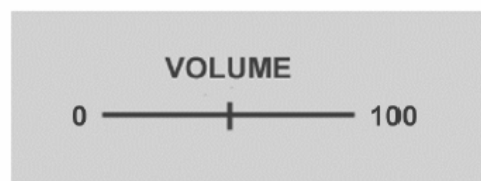
When adjust any item sub-OSD will show up like this.

Audio Adjust



1. **Volume** is adjusted from 0 to 100.
2. **Bass** and **Treble** are adjusted from 0 to 100.
3. **W-Head Phone** (optional) is the function for wireless headphone enable or disable.

You can adjust audio Volume, Balance, Bass and Treble to the levels you prefer.



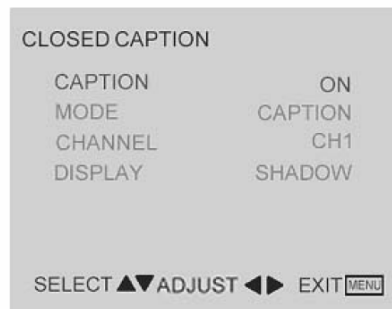
When adjust any item sub-OSD will show up like this.

CLOSED CAPTION

It allows you to read the dialog of television programs on the TV screen. Designed to help the hearing impaired, this feature uses on screen "text boxes" to show dialogue and conversations while the TV program is in progress. Captions will appear on the screen only during captioned broadcasts.

Remark: the captions do not always use correct spelling and grammar.

Not all TV programs and product commercials are made for broadcast with Closed Caption information included. Refer to your area's TV program listings for the TV channels and times of Closed Caption shows. The captioned programs are usually noted in the TV listings with service marks such as "CC".



- **Caption Mode:**

Dialogue (and descriptions) for the action on the captioned TV program shows on screen. Usually CH1 is the most used channel. CH2 may be used for alternate languages if they are being transmitted.

- **Text Mode:**

Often used for channel guide, schedules, bulletin board information for Closed Caption programs, news, weather information or stock marker reports.

Not all Closed Caption modes are necessarily being use by a TV channel during the transmission of a Closed Caption program.

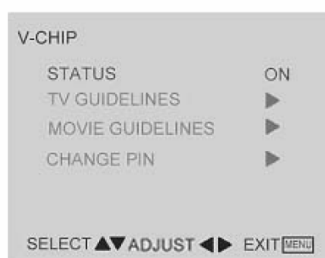
V-CHIP SETUP

Select V-Chip on OSD then enter 4 digits of pin number.

- Initial pin number is "0000".
- If you enter an incorrect pin number "Incorrect" message will be displayed.



It is the parental control function (V-chip). It is used to block program viewing based on the ratings by the broadcaster. The default setting is to allow all programs to be viewed. Viewing can be blocked by the type of program and by the categories chosen to be blocked. It is also possible to block all program viewing for a time period.



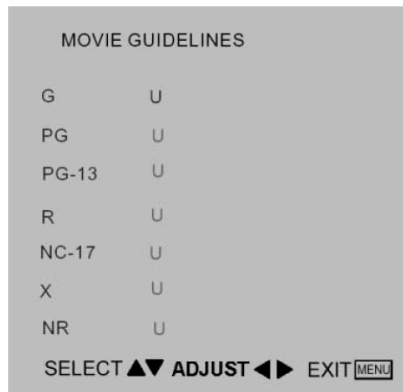
- There are two item that could be defined. One is **TV Guidelines** another one is **Movie Guidelines**.
- Setting up **TV Guidelines**
 - Use Up/Down arrow buttons to move around the matrix and press **Right arrow** button to change the value from "U" to "B" or "B" to "U"
 - **U**: Unblock
 - **B**: Block

TV GUIDELINES						
	ALL	FV	V	S	L	D
TV-Y	U					
TV-Y7	U	U				
TV-G	U					
TV-PG	U		U	U	U	U
TV-14	U		U	U	U	U
TV-MA	U		U	U	U	

SELECT ▲▼ ADJUST ◀▶ EXIT [MENU]

C. Setting up **Movie Guidelines**

- Use Up/Down arrow buttons to move around the matrix and press **Right arrow** button to change the value from "U" to 'B" or "B" to "U"



- D. **CHANGE PIN** It is used to change password to control the V-chip setup; it includes three steps. ENTER PIN to enable this function, then ENTER NEW PIN to change to a new one, then CONFIRM NEW PIN.



Sleep Timer

It is for setting a time period after which the TV should switch itself to standby. The counter runs from 0 > 30 > 60 > 90 > 120 minutes.

The timer begins to count down from the number of minutes selected after the display has disappeared.

Note: To view the remaining time, press the **SLEEP** button once. To cancel the sleep time, repeatedly press the **SLEEP** button until "... " appears. If you turn the TV off after setting the sleep time, the setting will be erased. Set it again if necessary.

Set up



1. **Blue screen** is to show blue or blank screen when there's no video input. If it's ON, the screen will be in blue. If it's OFF, the screen will be blank. Preset is ON.
2. **Language** is to change the OSD language from English, French, Spanish or Portuguese. Preset is English.
3. **AIR/CABLE** is to select the type of TV input, RF or cable.
4. **CH Search** is to memorize all active channels from RF or cable.
5. **CH DEL. ◀/ADD ▶** is to add "▶" or delete "◀" the current channel from memory.
6. **COUNTRY** is select the TV broadcasted system
 NTSC: USA, Latin America(except Brazil, Uruguay/ Argentina)
 PAL-M:Brazil
 PAL-N:Uruguay/Argentina
7. **RESET** is to set up to default value.

PC Adjust

1. **Auto Adjust** is to auto-adjust the screen in PC mode.
2. **Contrast, Brightness, Focus, Clock, H-Position, V-Position** and **Color Temp** are the functions for PC adjustment.



Color Adjust is to select the color temperature you prefer.



2.3 LCD TV Description

The LCD TV will contain a main board, a power board, an IR board, a key board, a DC to DC board and a headphone Board. The main board and power board will house the flat panel to control logic I²C bus, DDC, brightness control logic for LCD panel, DC-DC conversion to supply the appropriate power to the whole board and transmitting TTL level signals into LCD Module to drive the LCD display circuit.

The inverter board will drive the five CCFLs (Cold Cathode Fluorescent Tube).

The switching power board will provides the power ON/OFF to control the TV and control LED indicator for DPMS.

The function keyboard and Remote Control will provide the OSD control signal to the Main Board.

2.4 Interface Connector

- (A) Power Cord Connector.
- (B) RF Signal Connector.
- (C) Video / Audio Signal Connectors.
- (D) PC D-sub 15 pin Connector.
- (E) PC Audio Connector
- (F) AV Connector
- (G) S-Video Connector
- (H) Component Connector

3. Precautions and Notices

3.1 Assembly Precaution

- (1) Please do not press or scratch LCD panel surface with anything hard. And do not soil LCD panel surface by touching with bare hands (Polarize film, surface of LCD panel is easy to be flawed)
In the LCD panel, the gap between two glass plates is kept perfectly even to maintain display characteristic and reliability. If this panel is subject to hard pressing, the following occurs:
(a) Uniform color (b) Orientation of liquid crystal becomes disorder
- (2) Please wipe out LCD panel surface with absorbent cotton or soft cloth in case of it being soiled.
- (3) Please wipe out drops of adhesive like saliva and water in LCD panel surface immediately.
They might damage to cause panel surface variation and color change.
- (4) Do not apply any strong mechanical shock to the LCD panel.

3.2 Operating Precaution

- (1) Please be sure to unplug the power cord before remove the back-cover. (Be sure the power button is turn-off)
- (2) Please do not change variable resistance settings in MAIN-BOARD; they are adjusted to the most suitable value. If they are changed, it might happen LUMINANCE does not satisfy the white balance spec.
- (3) Please consider that LCD backlight takes longer time to become stable of radiation characteristic in low temperature than in room temperature.
- (4) Please pay attention to displaying the same pattern for very long-time. Image might stick on LCD.

3.3 Storage Precaution

- (1) When you store LCD for a long time, it is recommended to keep the temperature between -10°C -50°C without the exposure of sunlight and to keep the humidity less than 85% RH.
- (2) Please do not leave the LCD in the environment of high humidity and high temperature such as 60°C, 85%RH.
- (3) Please do not leave the LCD in the environment of low temperature: below -10°C.

3.4 High Voltage Warning

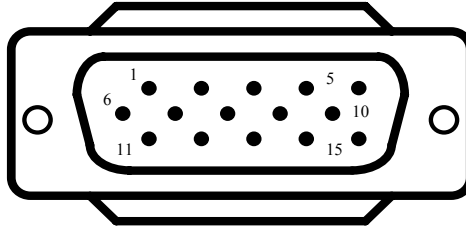
The high voltage was only generated by INVERTER module on Power Board, if carelessly contacted the transformer on this module, can cause a serious shock. (The lamp voltage after stable around 600V, with lamp current around 8mA, and the lamp starting voltage was around 1500V, at Ta=25°C)

4. Input/Output Description

4.1 D-SUB Connector

This procedure gives you instructions for installing and using the LCD TV display.

1. Position 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.
2. Connect the 15-pin 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 No.	Description	Pin No.	Description
1	Red Video	9	No Ground
2	Green Video	10	Sync Ground
3	Blue Video	11	NC
4	NC	12	Serial Data for DDC
5	Ground	13	H-Sync.
6	Red Ground	14	V-Sync.
7	Green Ground	15	Serial Clock for DDC
8	Blue Ground		

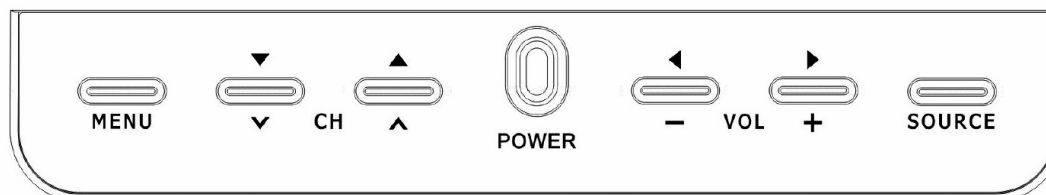
3. Apply power to the display by turning the power switch to the "ON" position and allow about ten seconds for Panel warm-up. The Power-On indicator lights "GREEN" when the display is on.
4. With proper signals feed to the display, a pattern or data should appear on the screen, adjust the brightness and contrast to the most pleasing display, or press auto-adjust to get the best picture-quality.
5. This TV (with PC function) has power saving function following the VESA DPMS. Be sure to connect the signal cable to the PC.
6. If your TV requires service, it must be returned with the power cord.

4.2 Factory Preset Display Modes:

Analog RGB Signal Timing

MODE		ASPECT RATIO HANDLING			COMPATIBLE INPUTS				
STANDARD	RESOLUTION	FS*Full-Screen	AR Aspect Ratio	1:1	Comp	SVHS	YPBPR	YCBCR	RGB
	720x400 @ 70Hz	1280 x 768	1024 x 768	N/A	No	No	No	No	Yes
	640x480 @ 60Hz	1280 x 768	1024 x 768	N/A	No	No	No	No	Yes
	640x480 @ 72Hz	1280 x 768	1024 x 768	N/A	No	No	No	No	Yes
	640x480 @ 75Hz	1280 x 768	1024 x 768	N/A	No	No	No	No	Yes
VESA	800x600 @ 60Hz	1280 x 768	1024 x 768	N/A	No	No	No	No	Yes
VESA	800x600 @ 72Hz	1280 x 768	1024 x 768	N/A	No	No	No	No	Yes
VESA	800x600 @ 75Hz	1280 x 768	1024 x 768	N/A	No	No	No	No	Yes
VESA	1024x768 @ 60Hz	1280 x 768	1024 x 768	1024 x 768	No	No	No	No	Yes
VESA	1280x768@60HZ	1280 x 768	1024 x 768	N/A	NO	NO	No	No	Yes
NTSC	480i	1280 x 768	1024 x 768*	N/A	Yes	Yes	Yes	Yes	No
DVD	480p	1280 x 768	1024 x 768*	N/A	No	No	Yes	No	Yes
	720p	1280 x 768	1024 x 768*	16:9 (YpbPr/DVI)	No	No	Yes	No	Yes

5. Front Panel Control Knobs



Power Key: Press to turn the TV on or off.

MENU Key: Press to show the OSD menu and exit OSD menu at the TV.

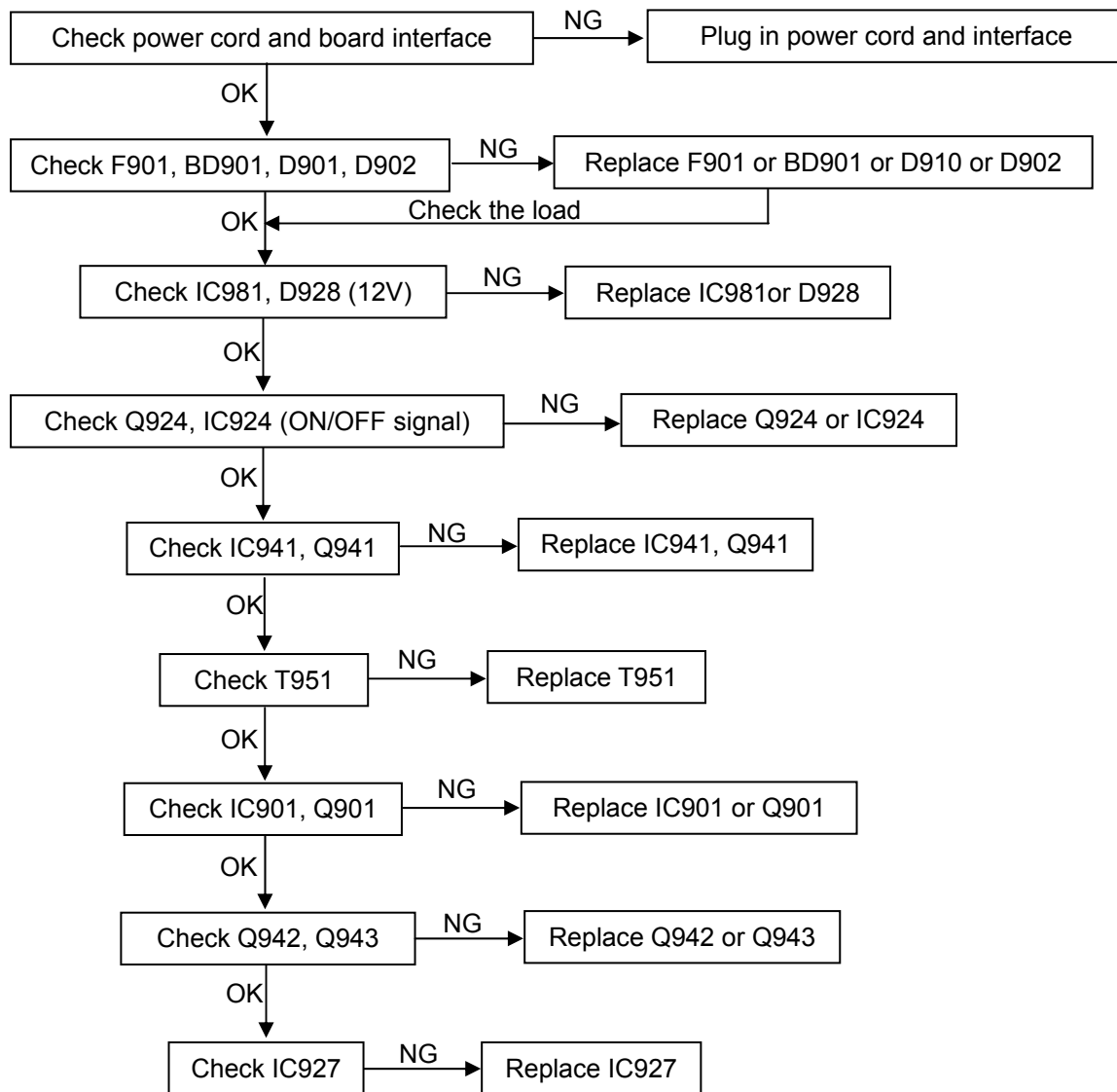
Down / Up Key: Press to select OSD function or change channel.

- / + Key: Press to confirm your function selection and make adjustment.

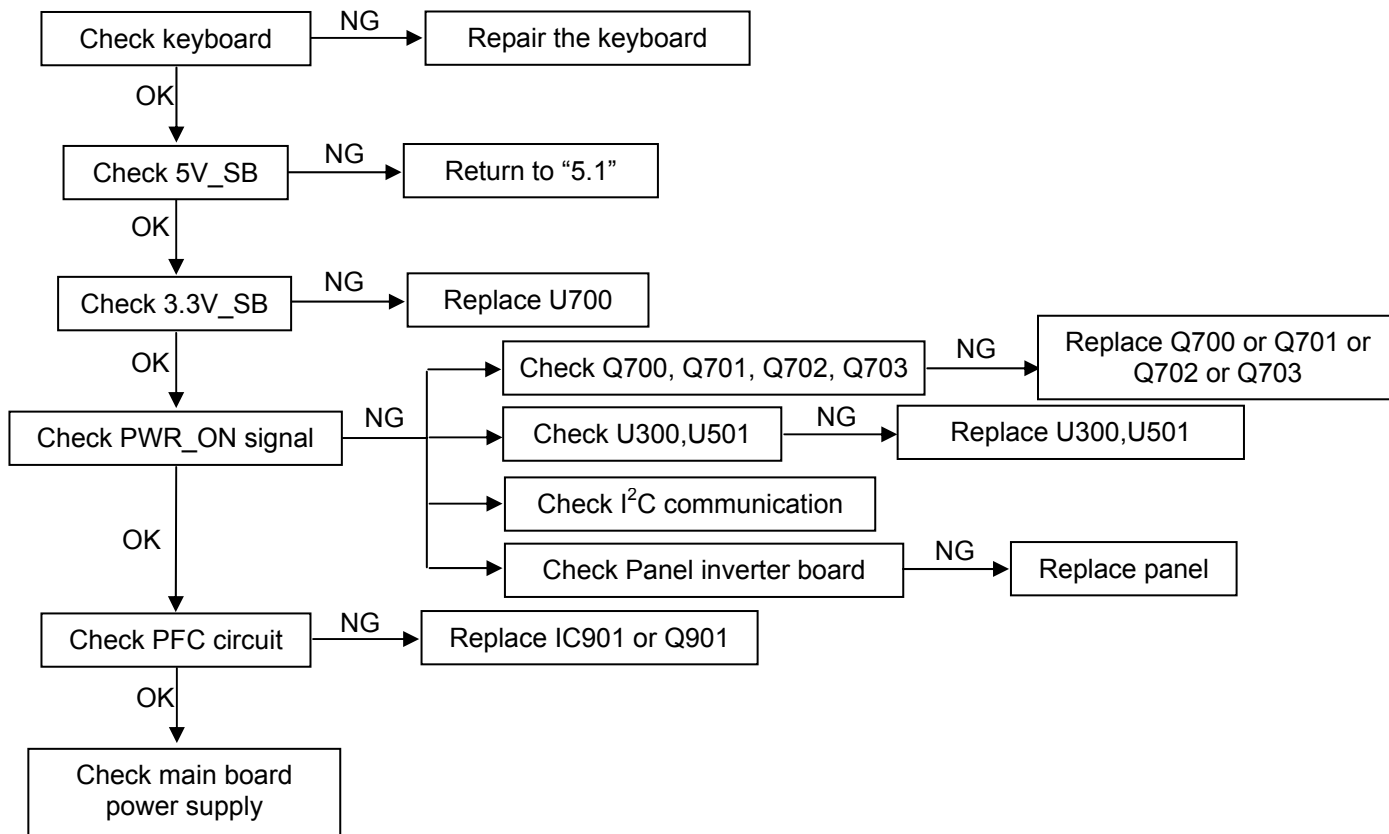
Source Key: Press to select your input source.

6. Repair Flow Chart

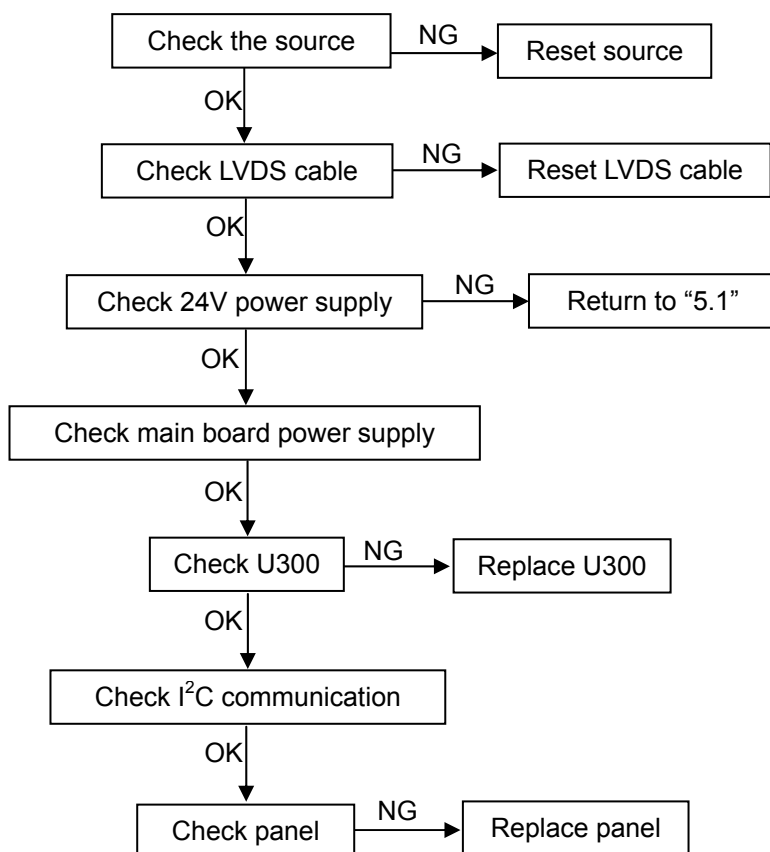
1. No Power (No LED indicator)



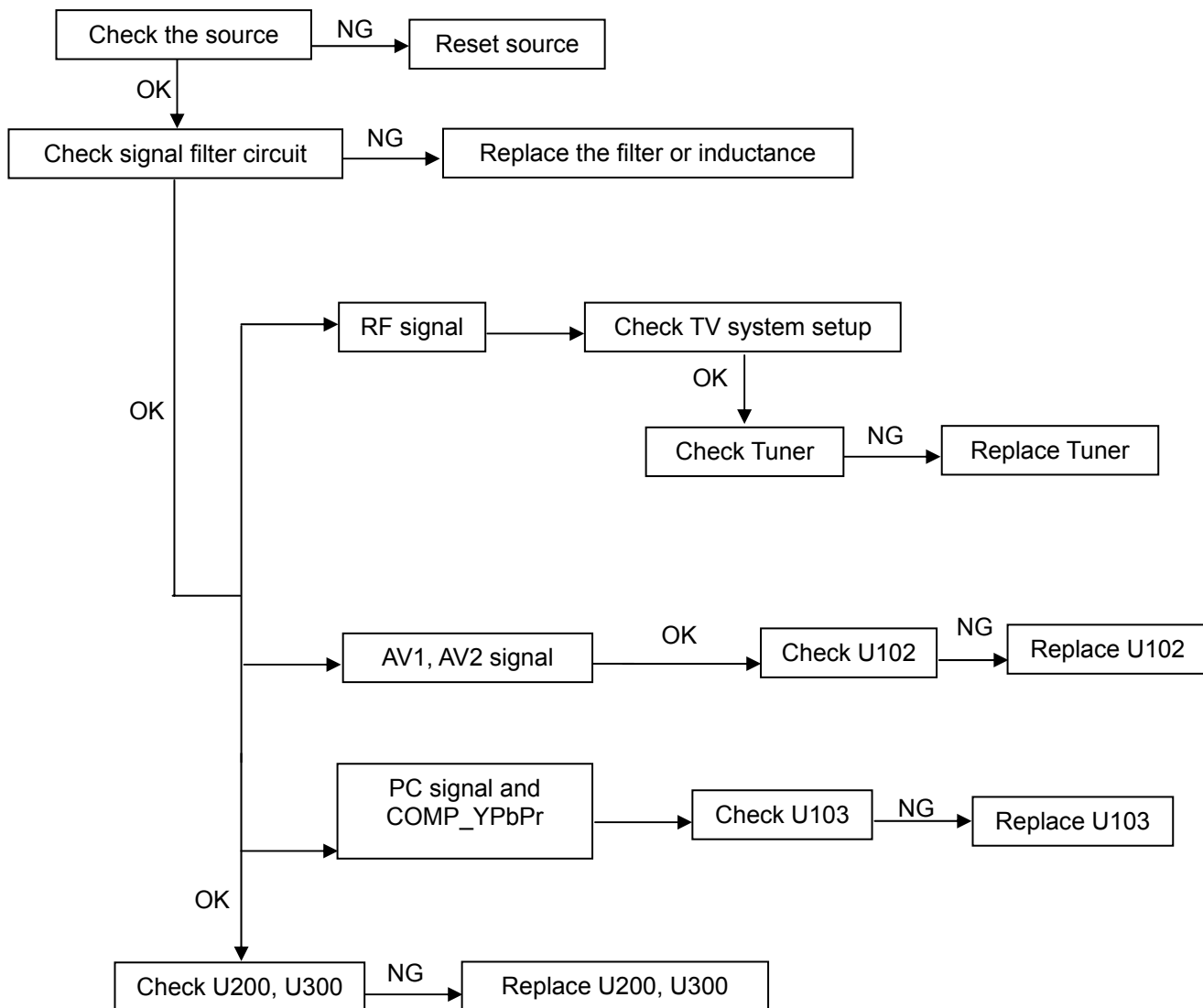
2. Can not start (LED indicator yellow)



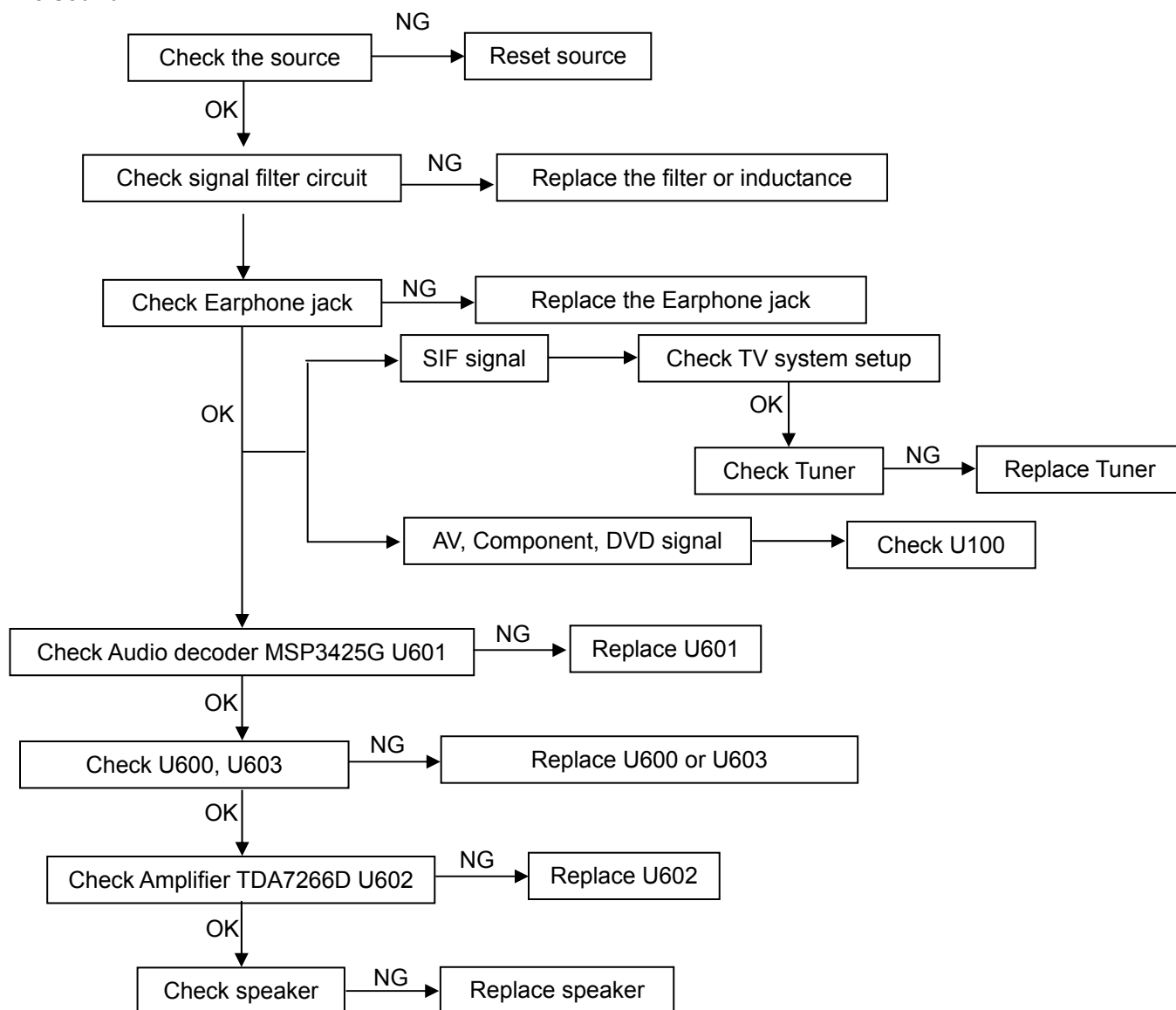
3. No display (LED indicator green)

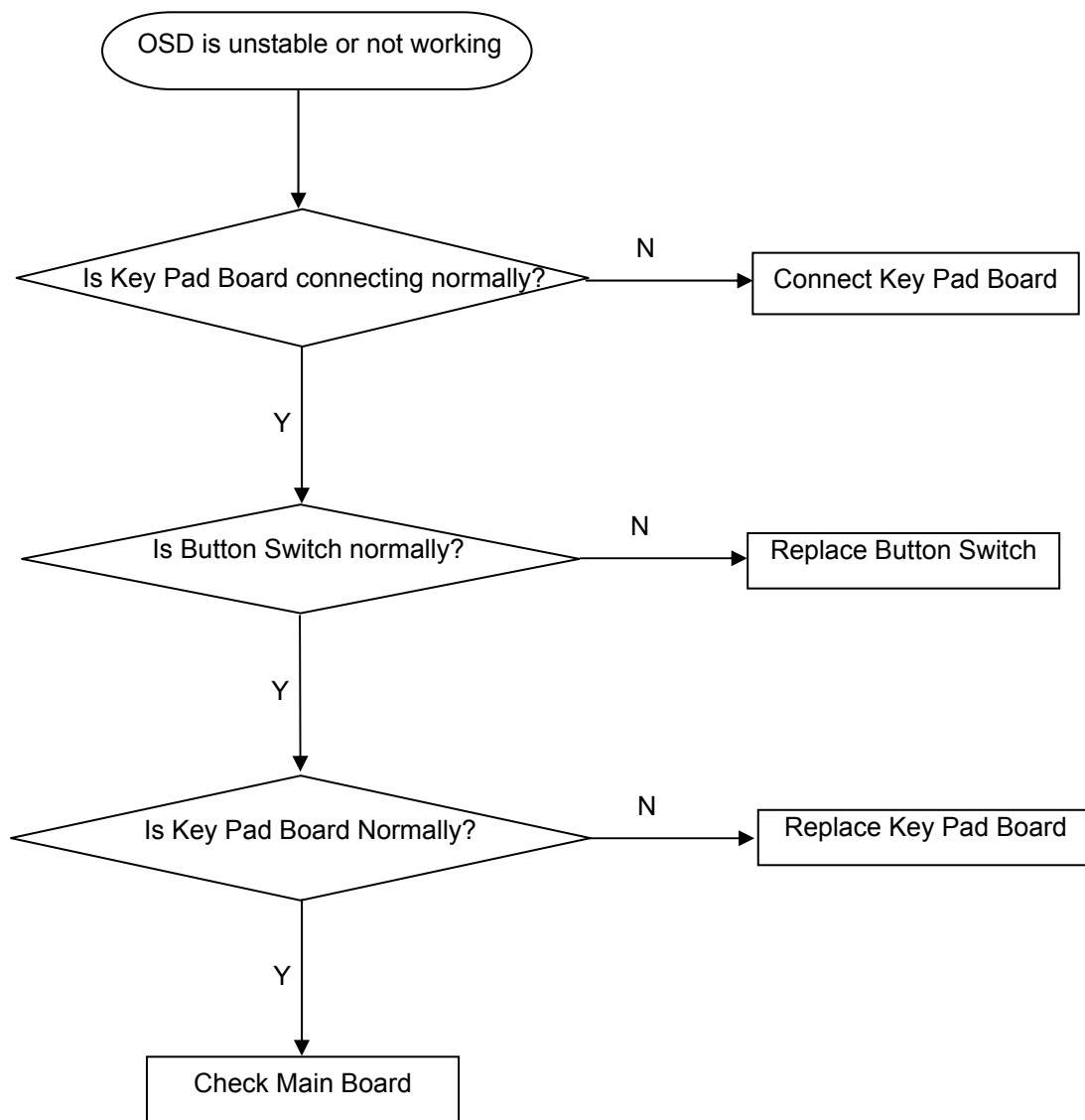


4. Abnormal Display

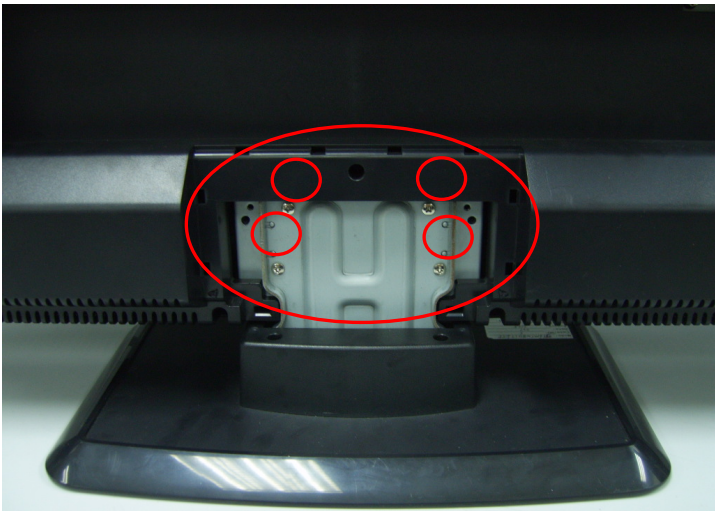
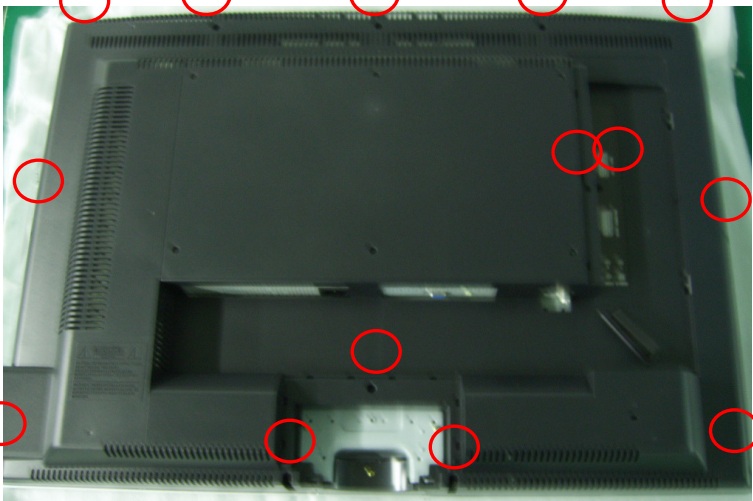


5. No sound

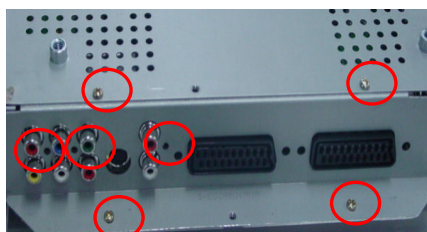
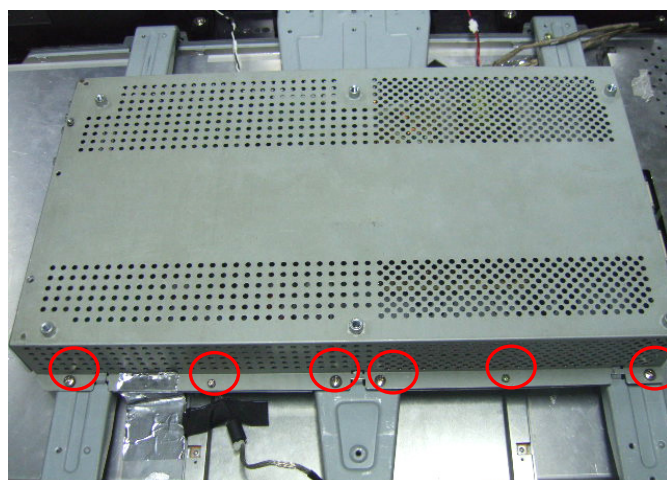
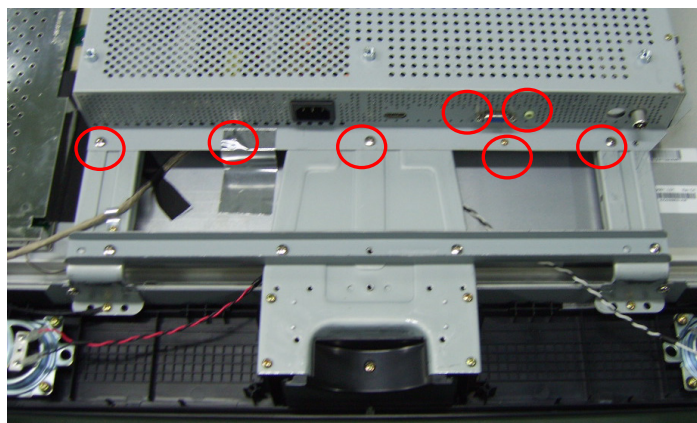




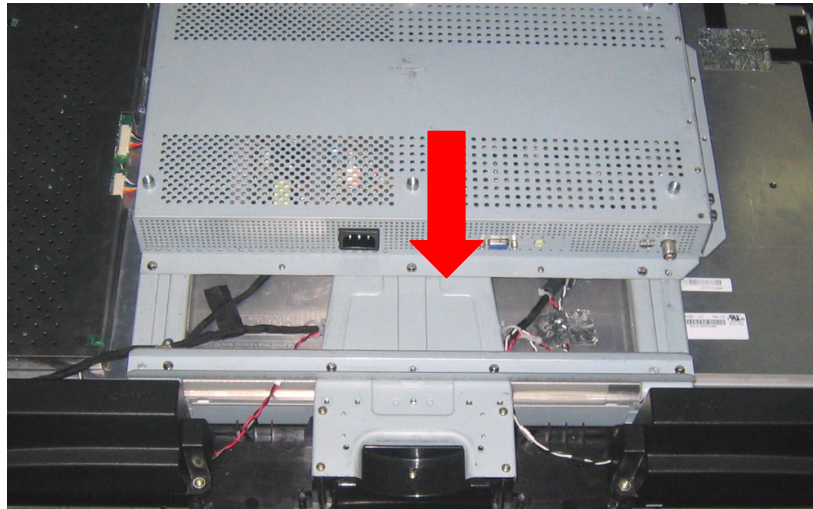
7. Mechanical Instructions

Step	Figure	Description
Preparation		Lay the LCD-TV on a flat, soft and clean surface.
Remove the base and stand		Remove the hinge cover and the screws on the stand to remove the base and stand
Remove the back cover		Remove the fourteen screws mark in red to remove the back cover.

Remove the
shield

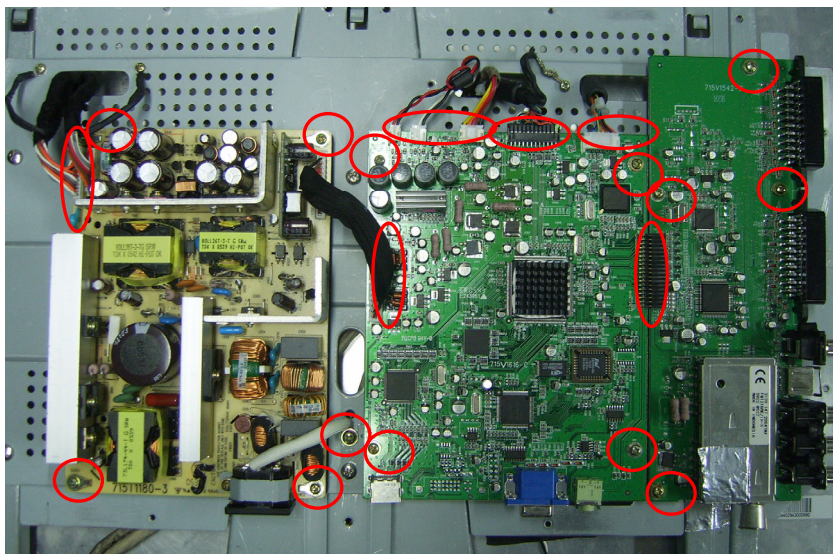


1.Remove the
twenty screws



2. Push the shield as the arrowhead direction.

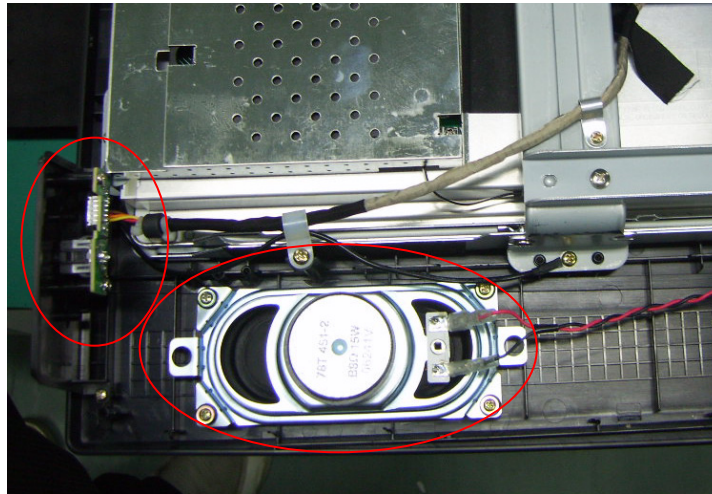
**Remove
Power and
Main board**



1. Remove the five screws marked in red to remove the Power board.

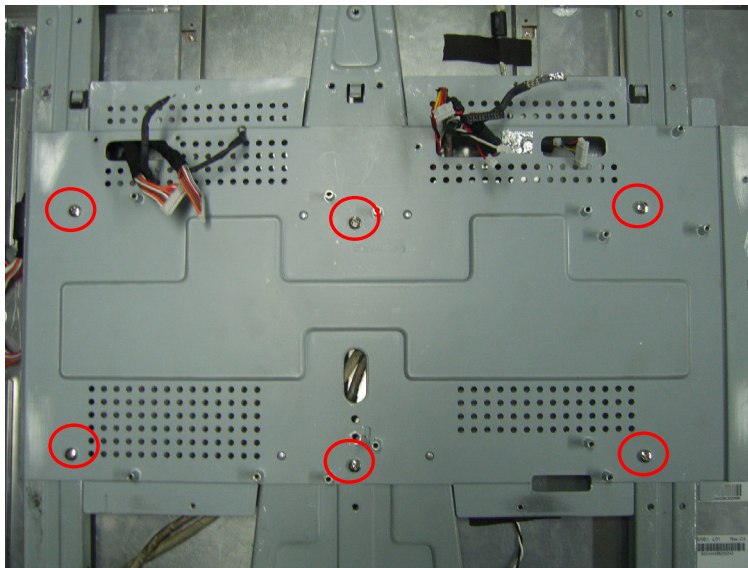
2. Remove the eight screws marked in red and disconnect the connector to remove the main board and tuner board

Remove The Earphone Board and the speakers



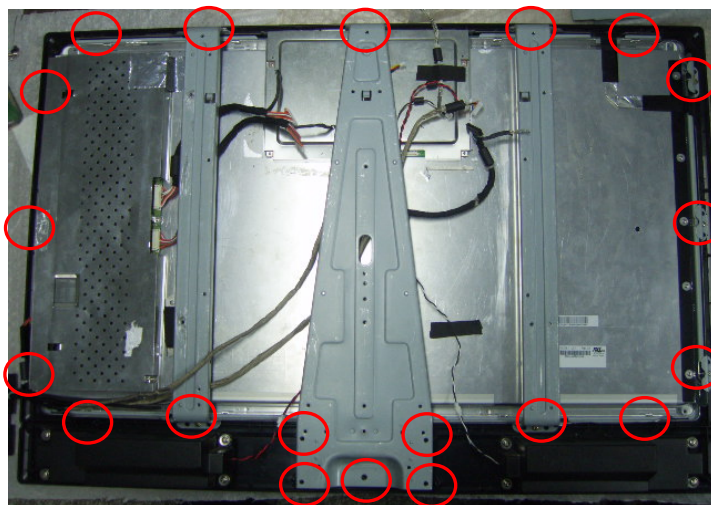
Remove the screws and connector to remove the earphone board and the speakers.

Remove The Bkt-Pcb-Support

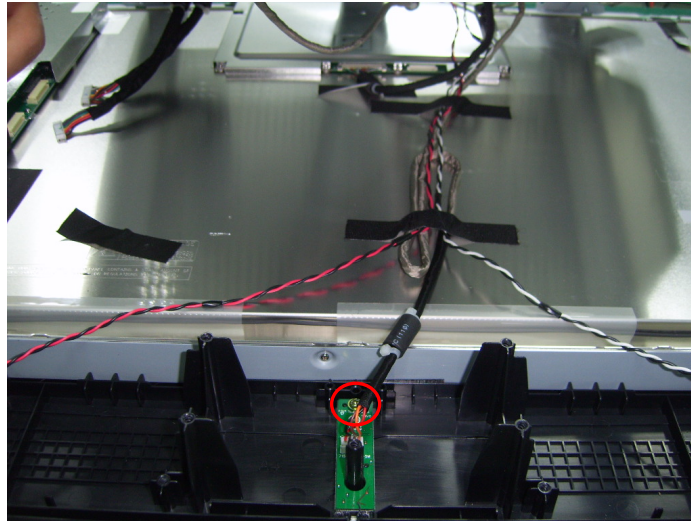


Remove the six screws to remove the Bkt-Pcb-Support

Remove the BKT Side, bezel and IR board



1.Remove the screws to remove BKT Side

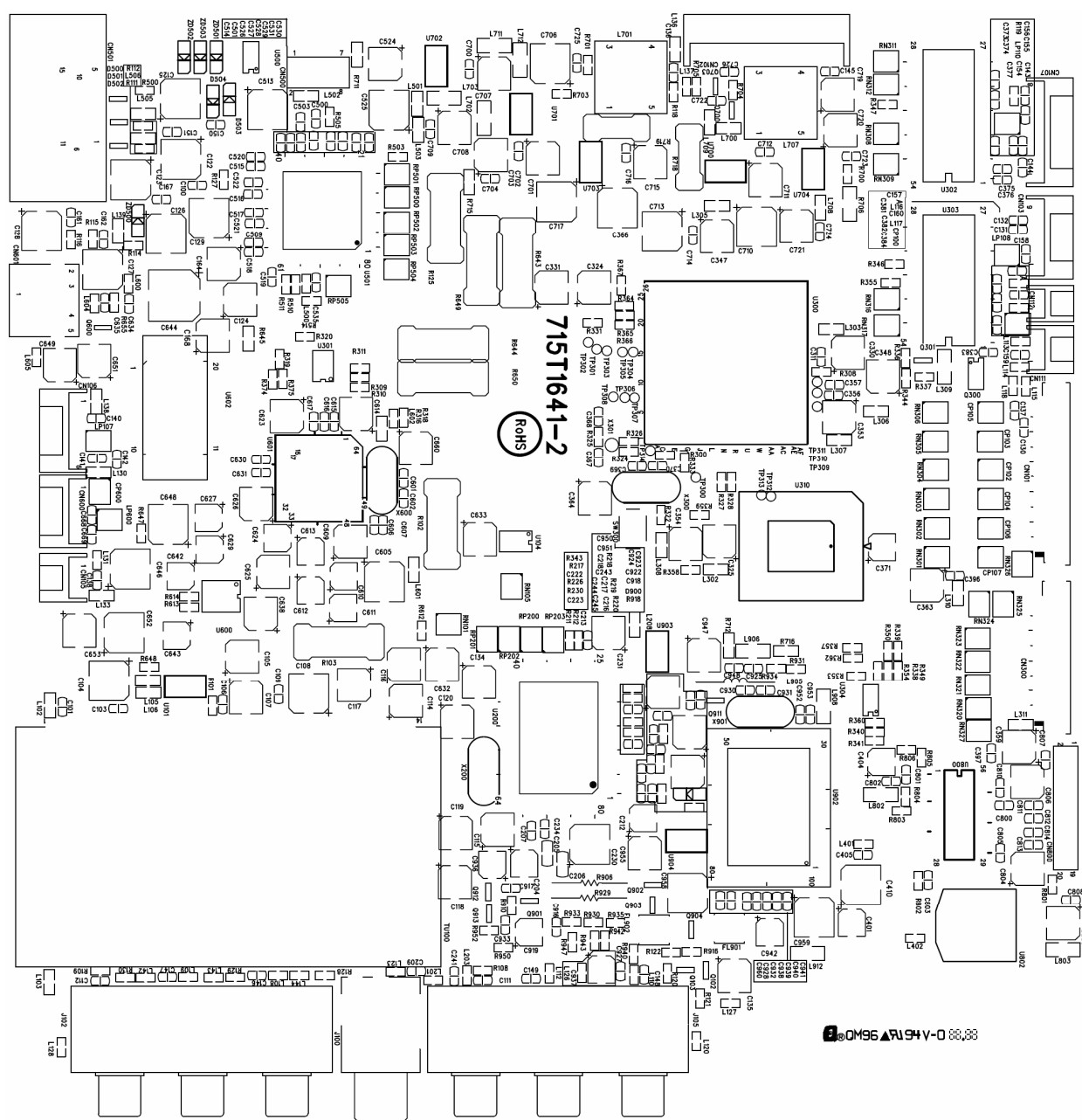


2.Remove the screw to remove the IR board and bezel.

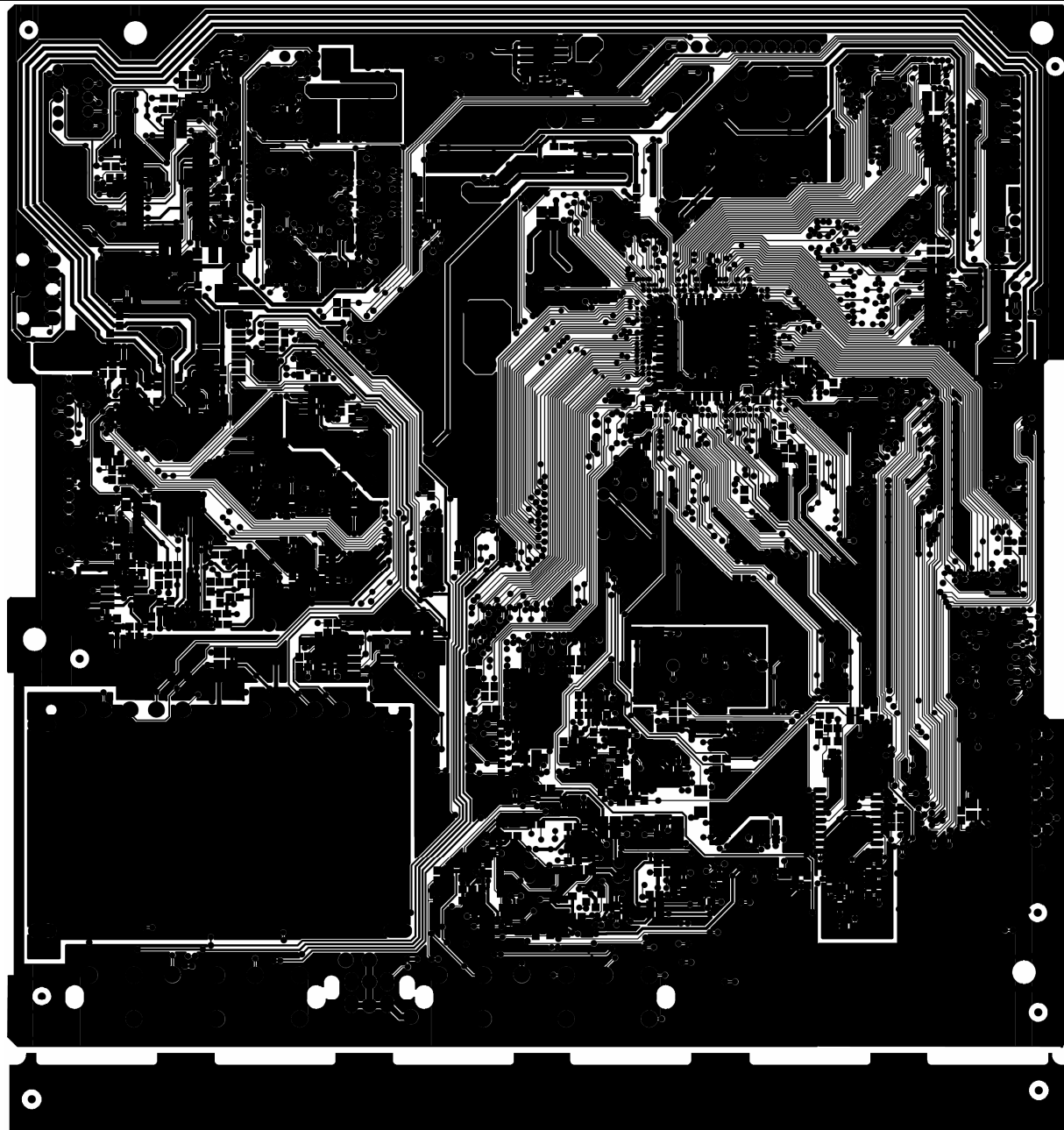
The end



N/A

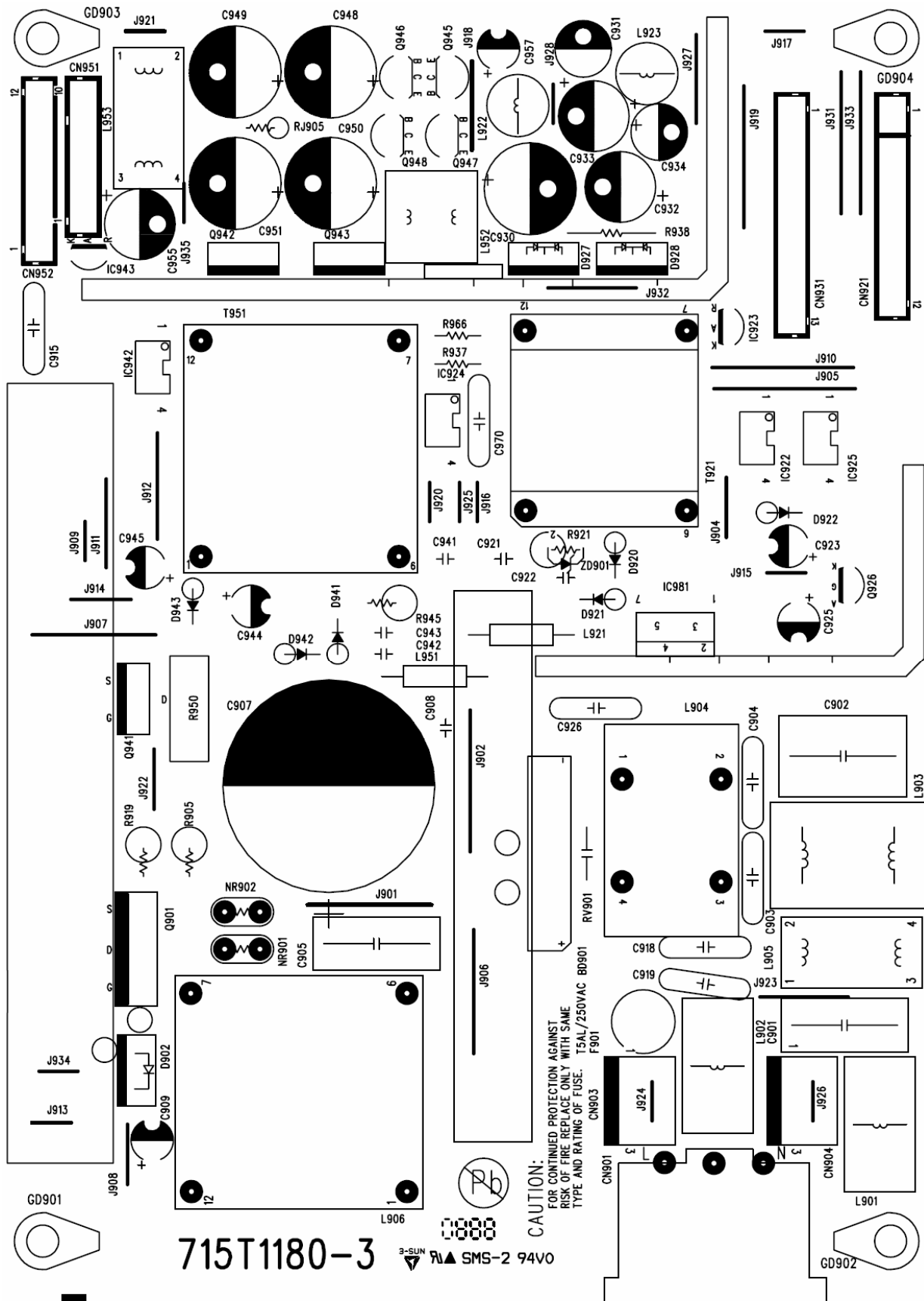


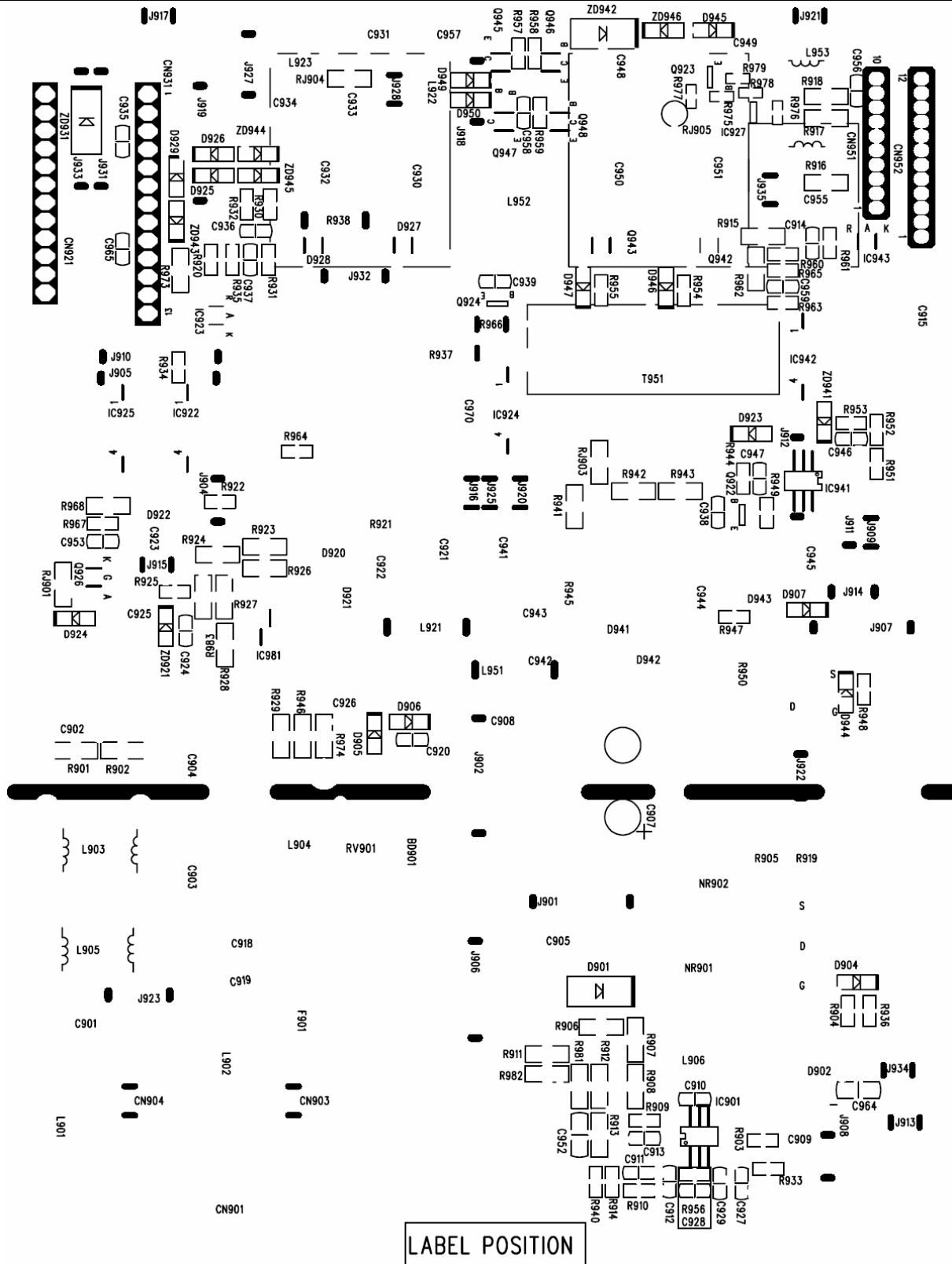


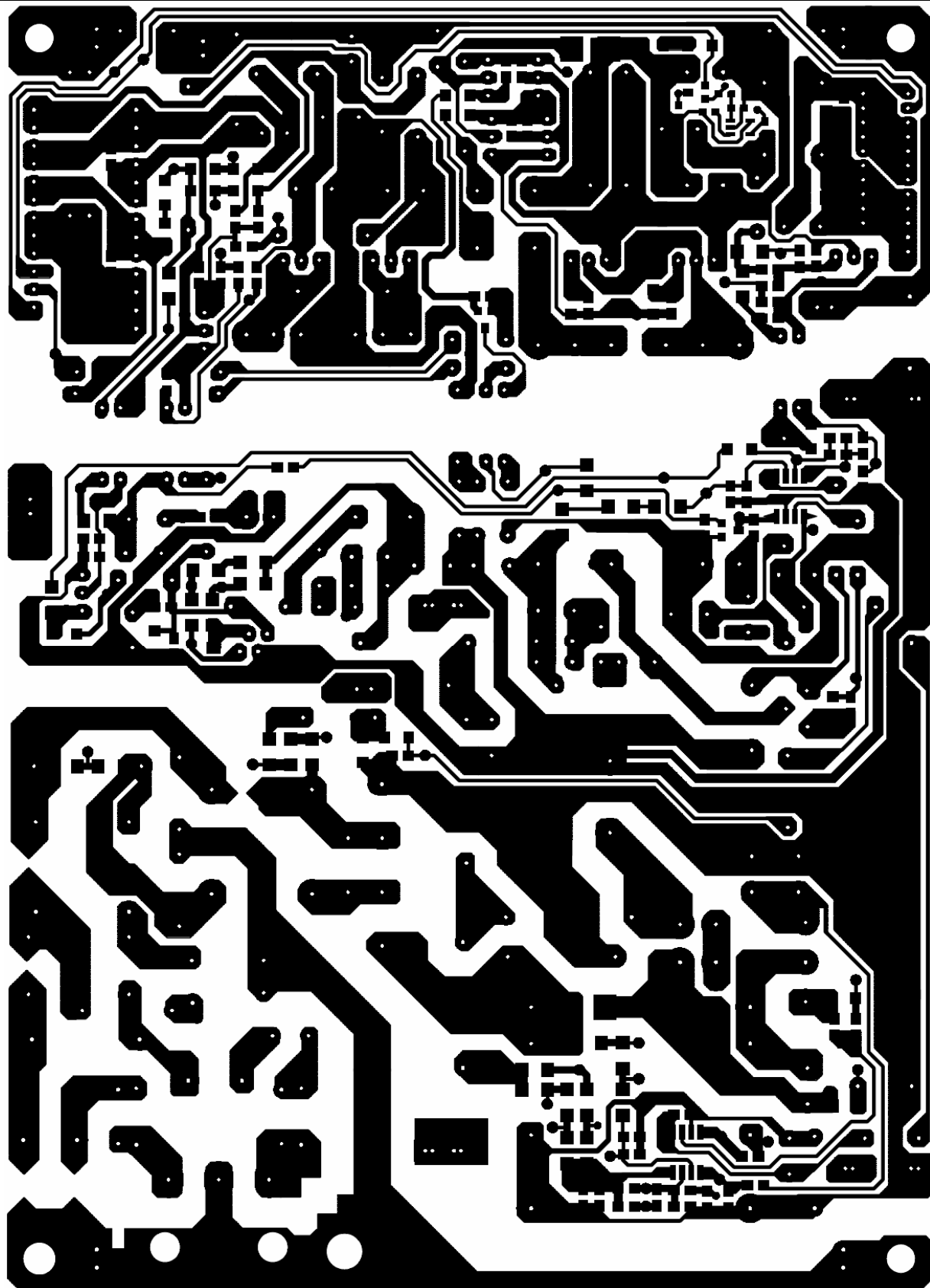


8.2 Power Board

715T1180-3

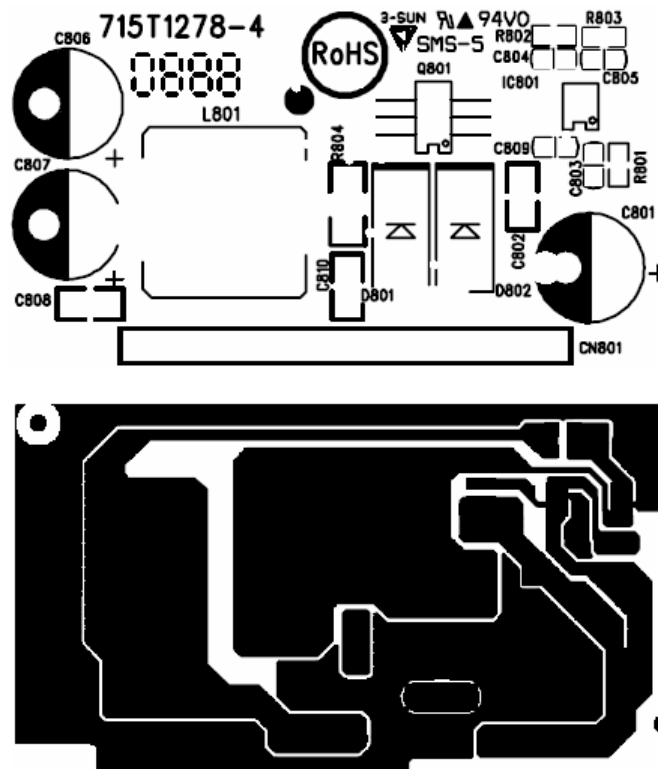






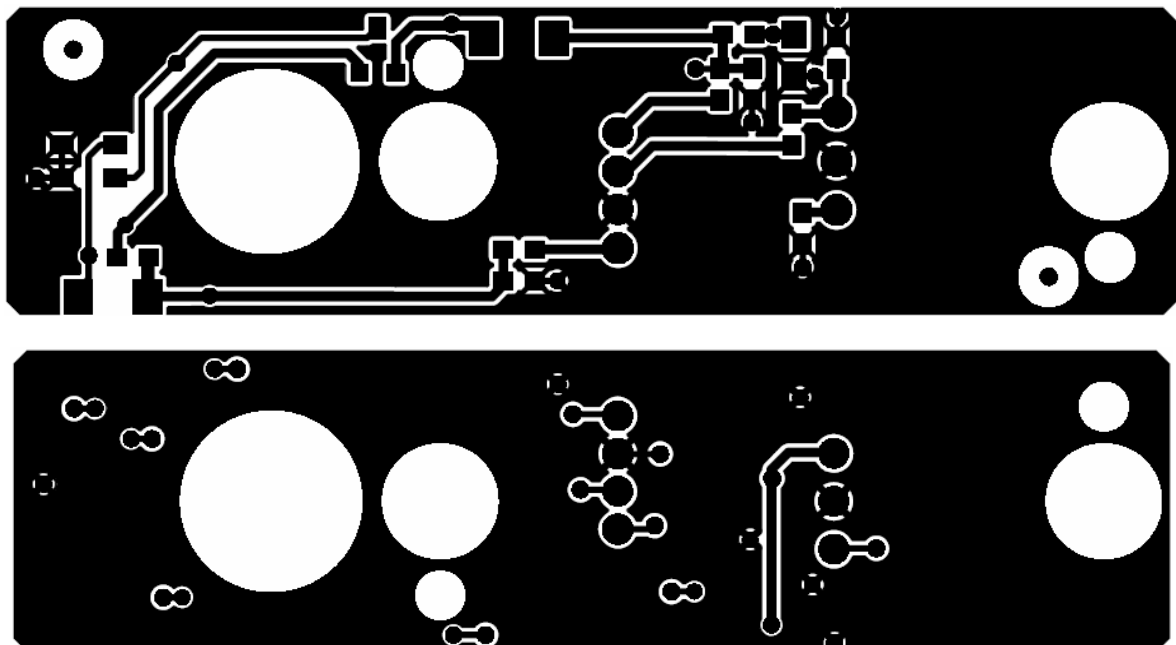
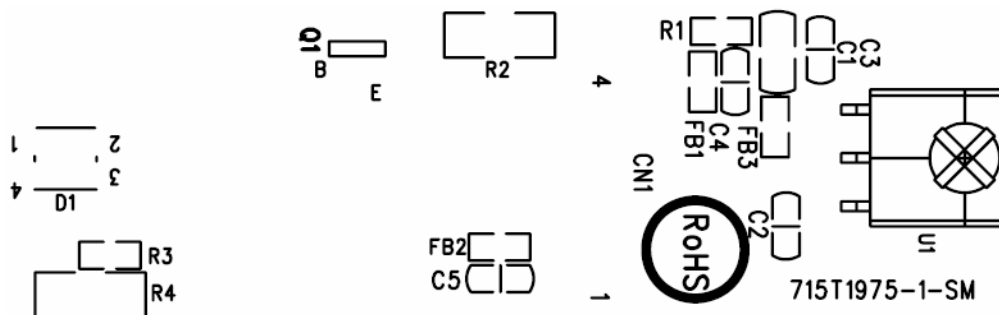
8.3 DC to DC Board

715T1278-4



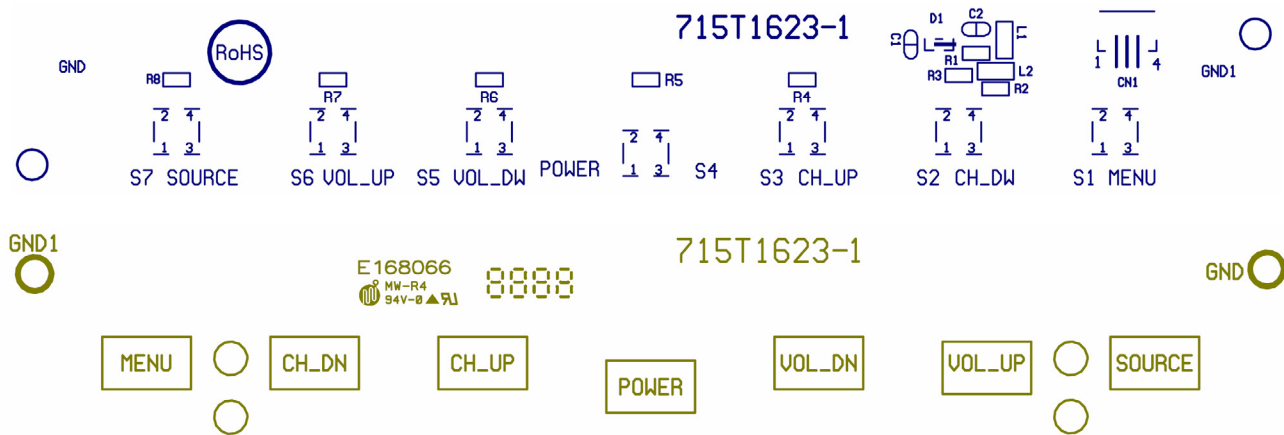
8.4 IR Board

715T1975-1-SM



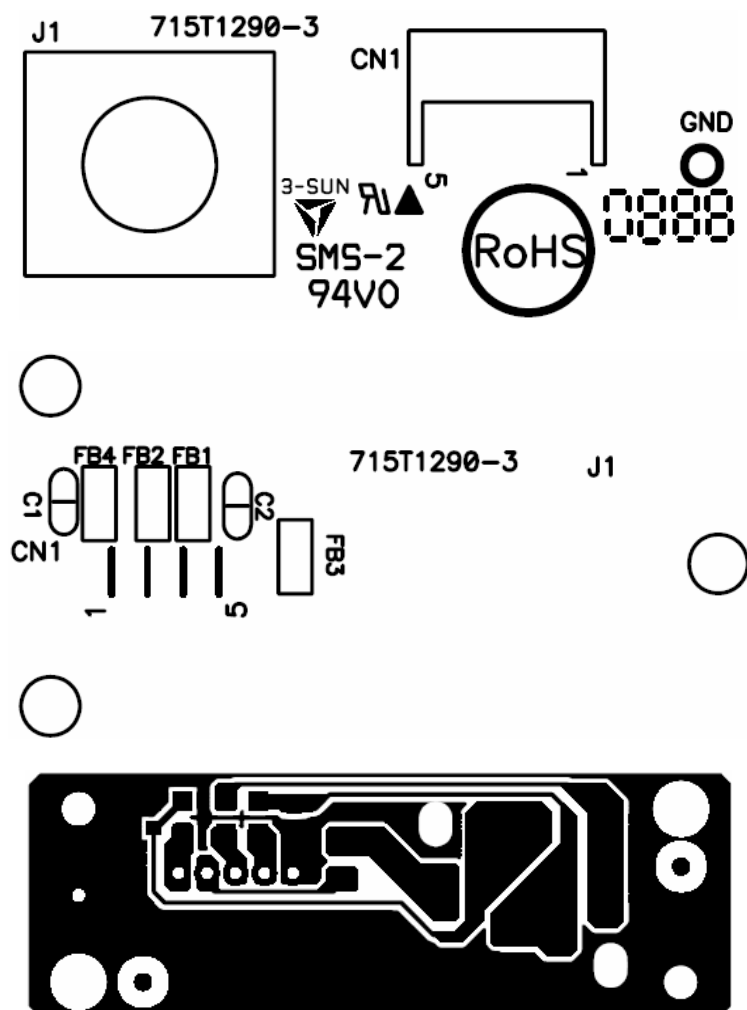
8.5 Key Board

715T1623-1



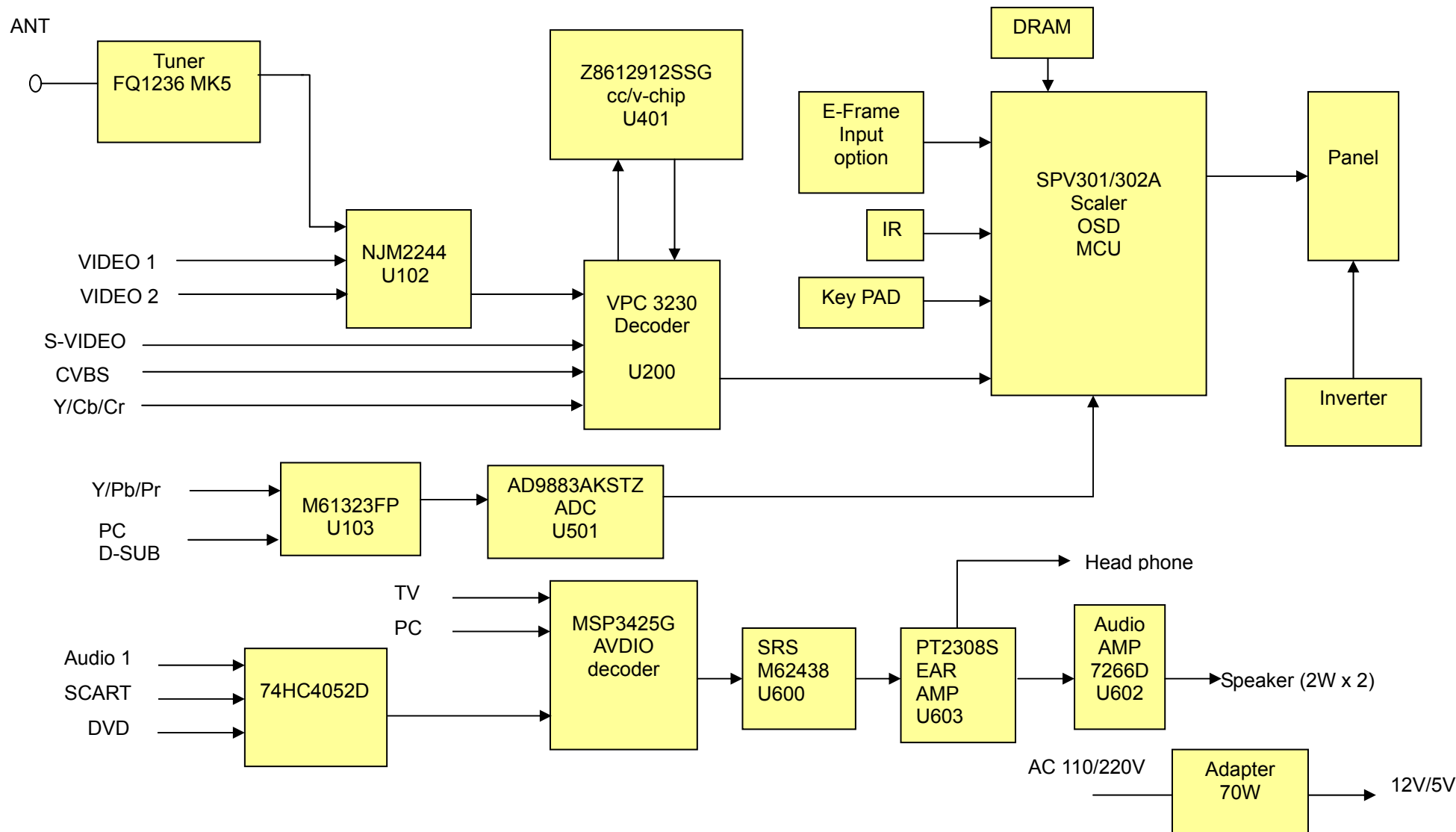
8.6 Headphone Board

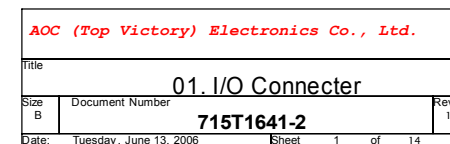
715T1290-3



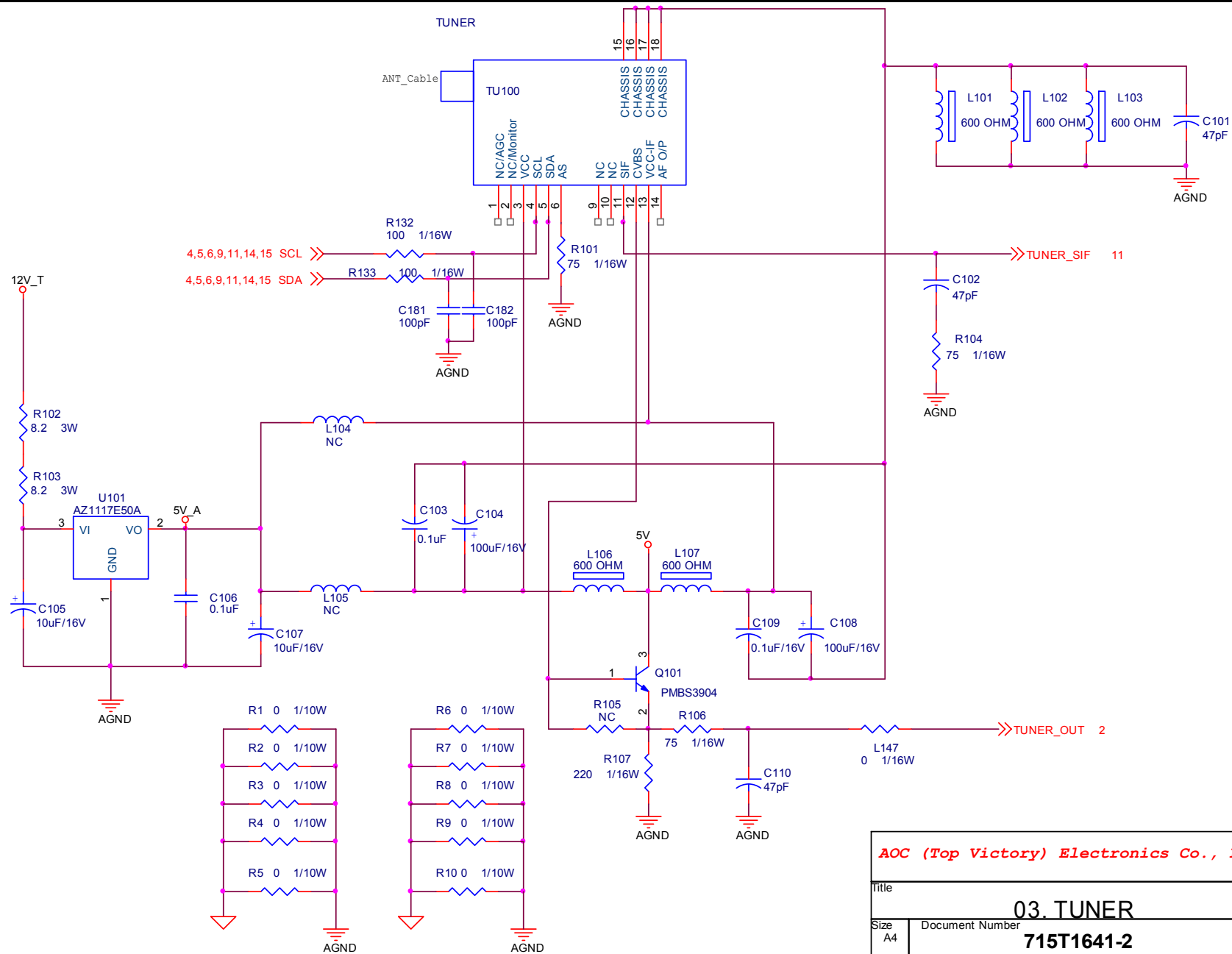
9. Block Diagram

32" LCD TV Block Diagram









AOC (Top Victory) Electronics Co., Ltd.

Title

03. TUNER

Size
A4

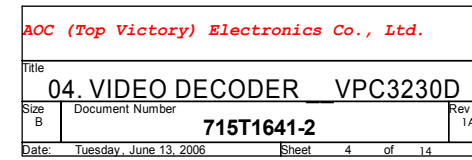
Document Number

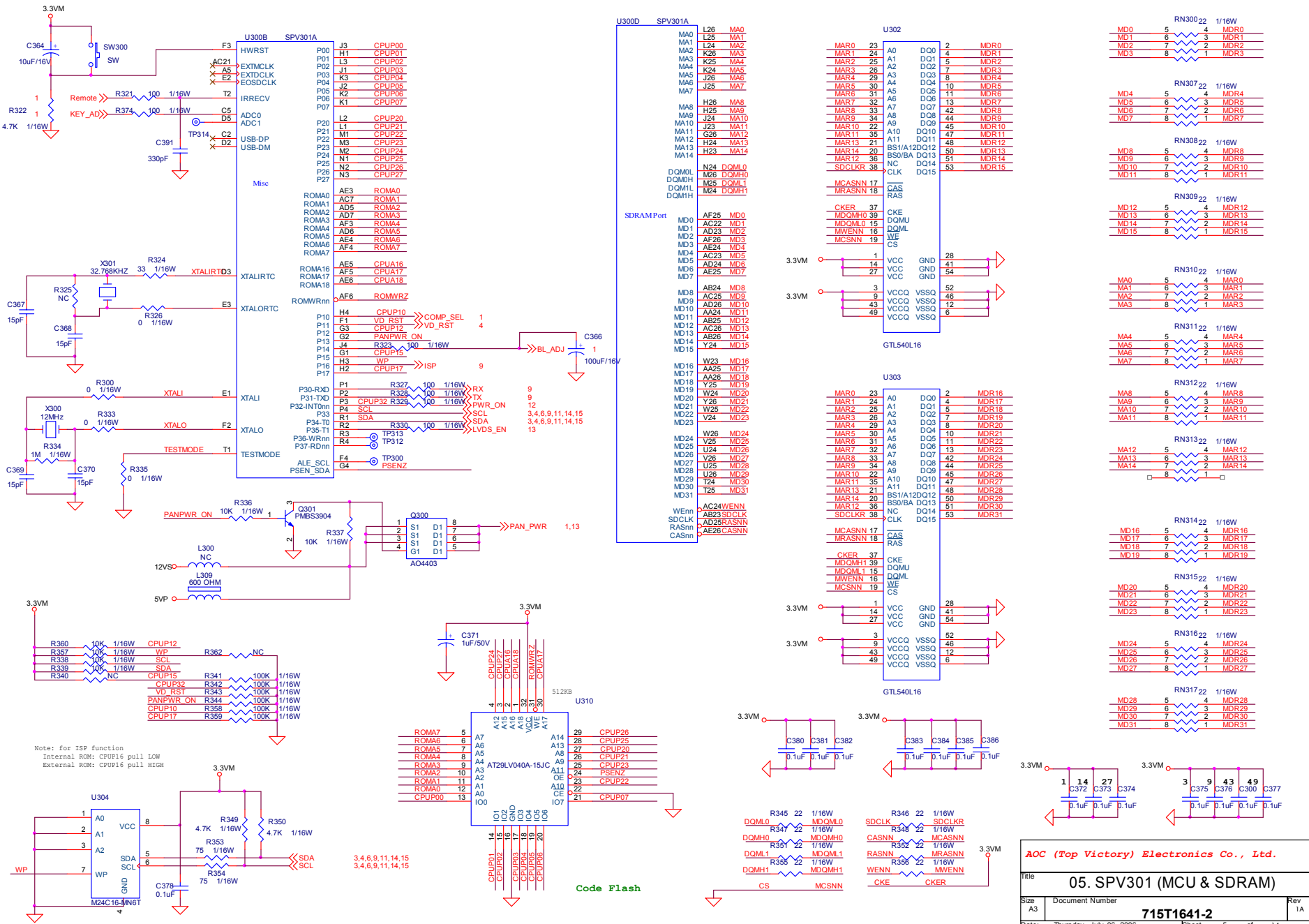
715T1641-2

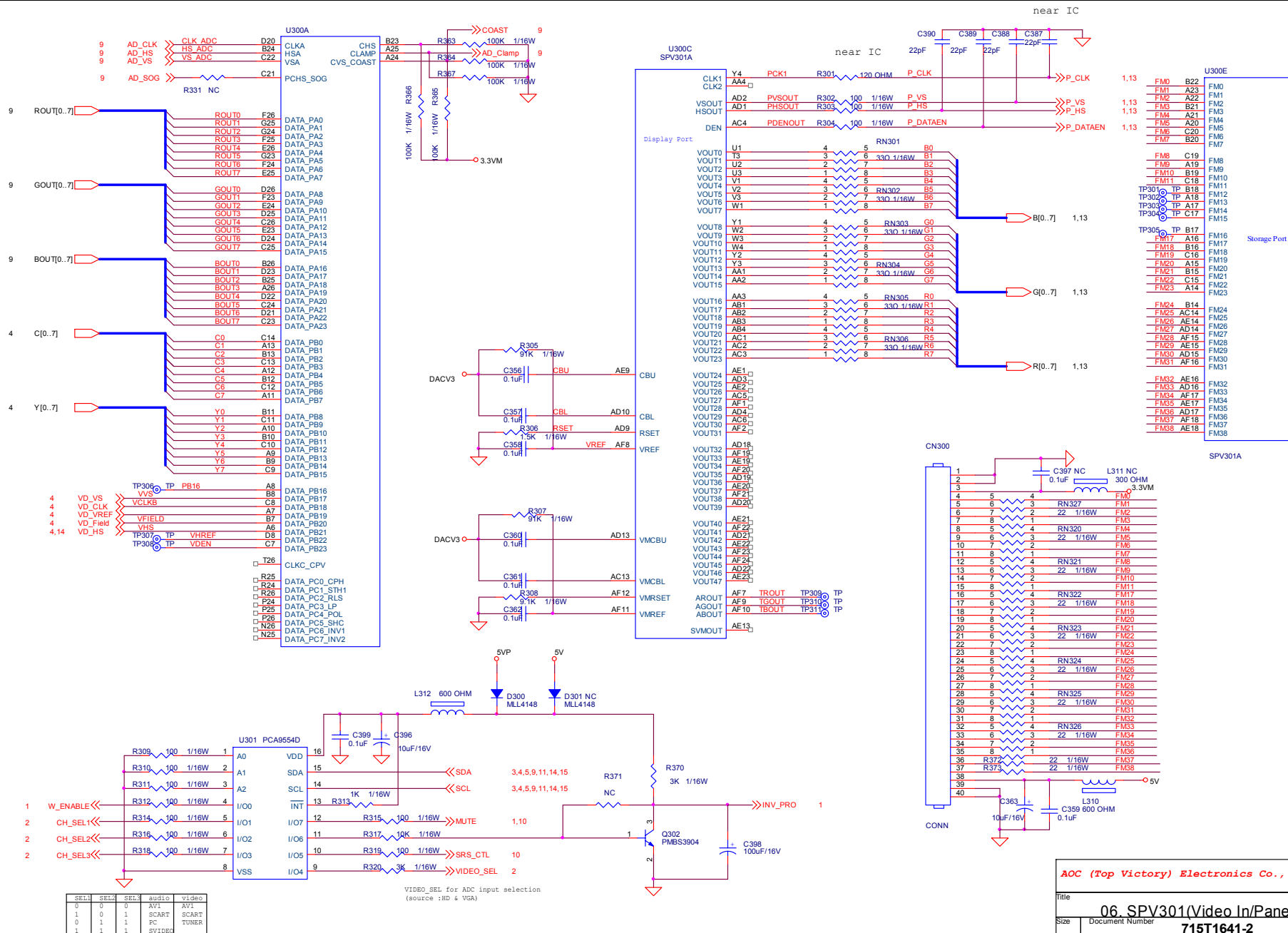
Rev
1A

Date: Tuesday, June 13, 2006

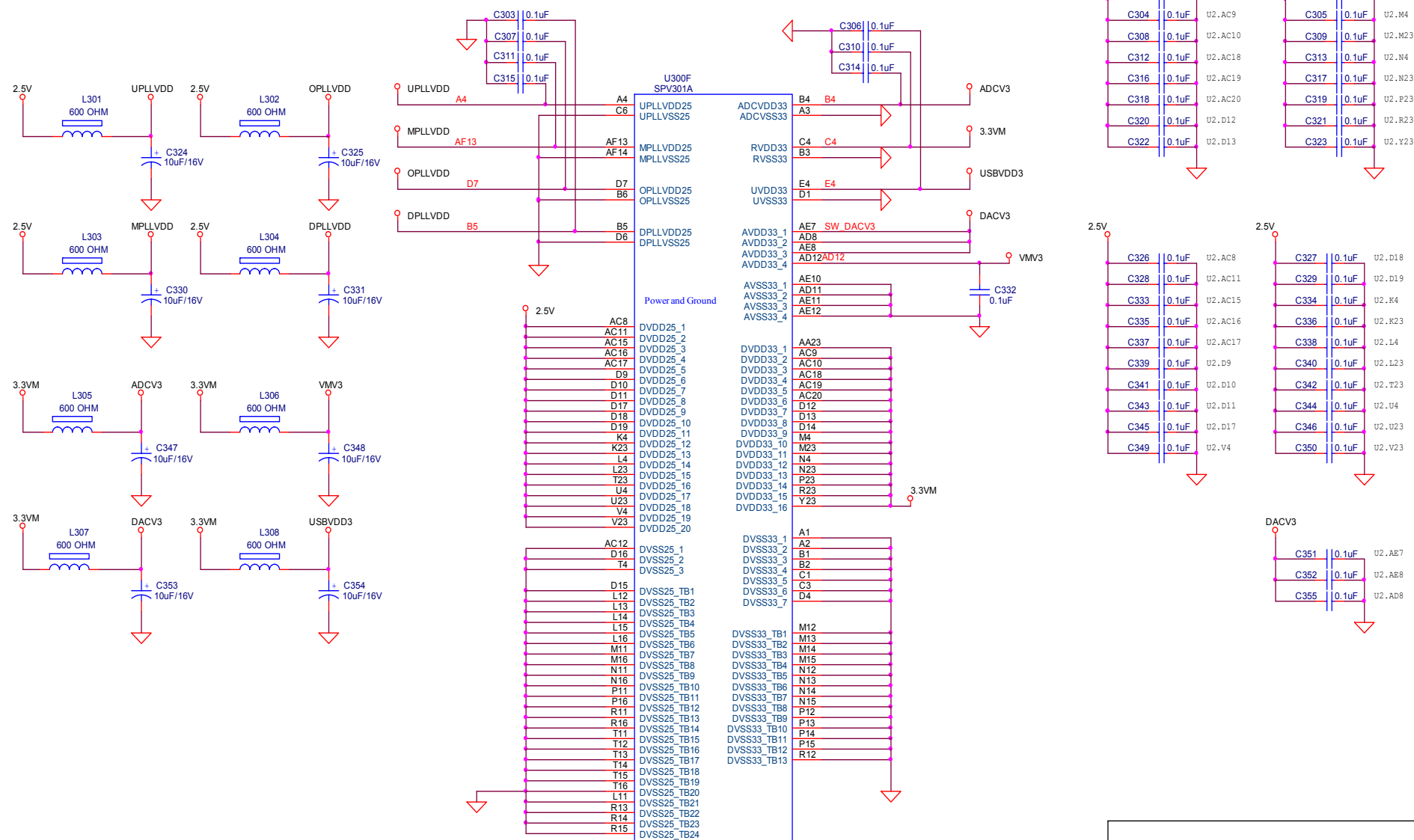
Sheet 3 of 14



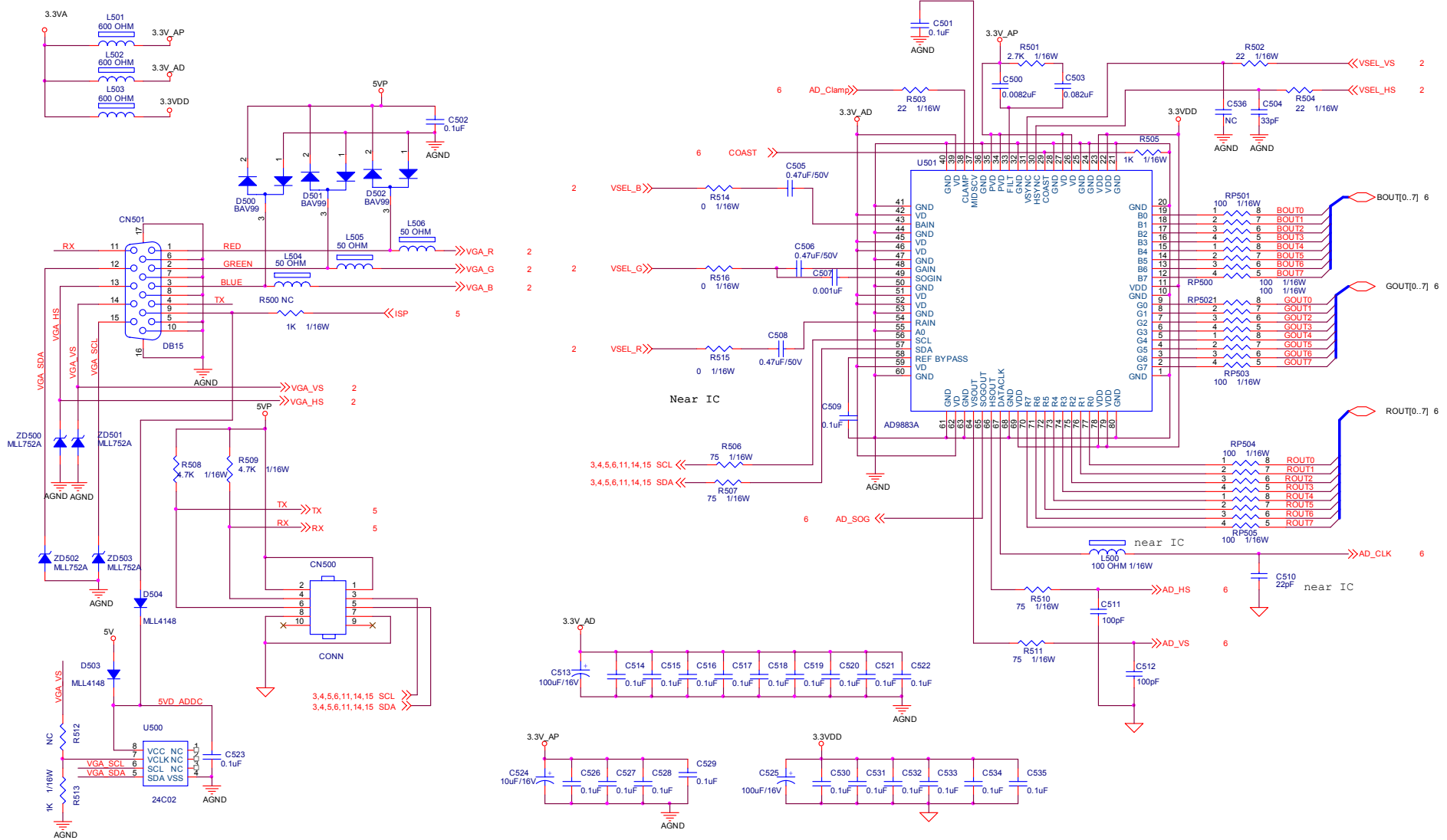




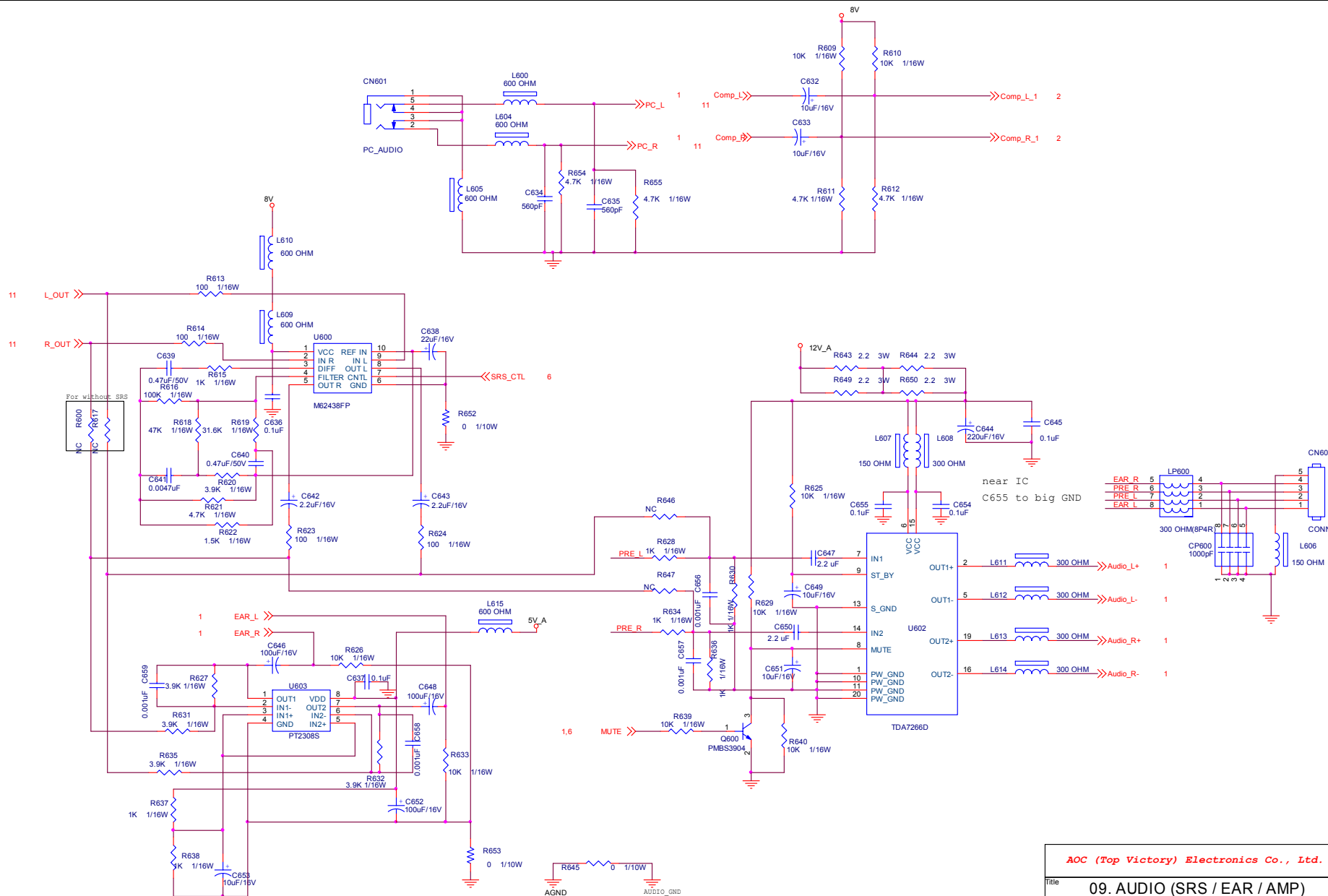
AOC (Top Victory) Electronics Co., Ltd.			
Title	06. SPV301 (Video In/Panel Out)		
Size	Document Number	715T1641-2	Rev 1A
Date: Tuesday, June 13, 2006	Sheet	6	of 14



Title		
07. SPV301 POWER&GND		
Size	Document Number	Rev
B	715T1641-2	1A
Date:	Tuesday, June 13, 2006	Sheet 7 of 14



AOC (Top Victory) Electronics Co., Ltd.			
Title		08. AD9883	
Size	Document Number	715T1641-2	Rev 1A
Date:	Tuesday, June 13, 2006	Sheet 8	of 14



AOC (Top Victory) Electronics Co., Ltd.

Title 09. AUDIO (SRS / EAR / AMP)

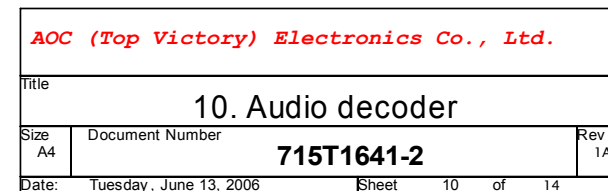
Size A3 Document Number

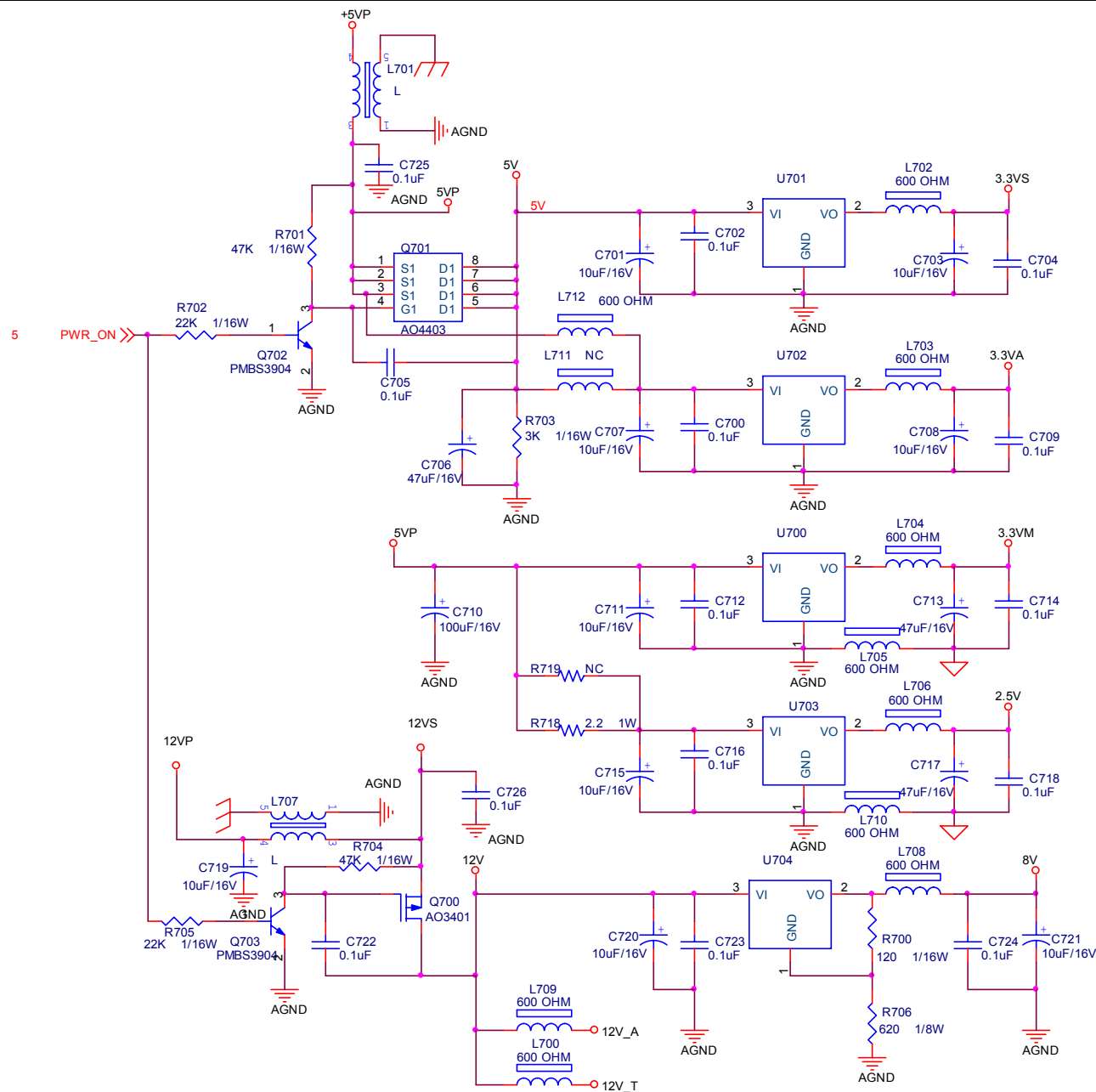
715T1641-2

Rev 1A

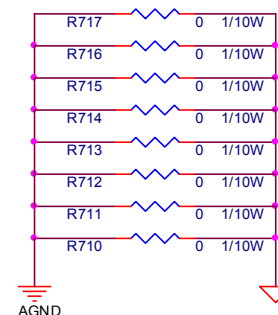
Date: Tuesday, June 13, 2006

Sheet 9 of 14

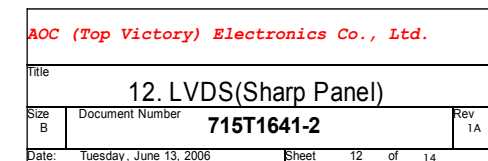


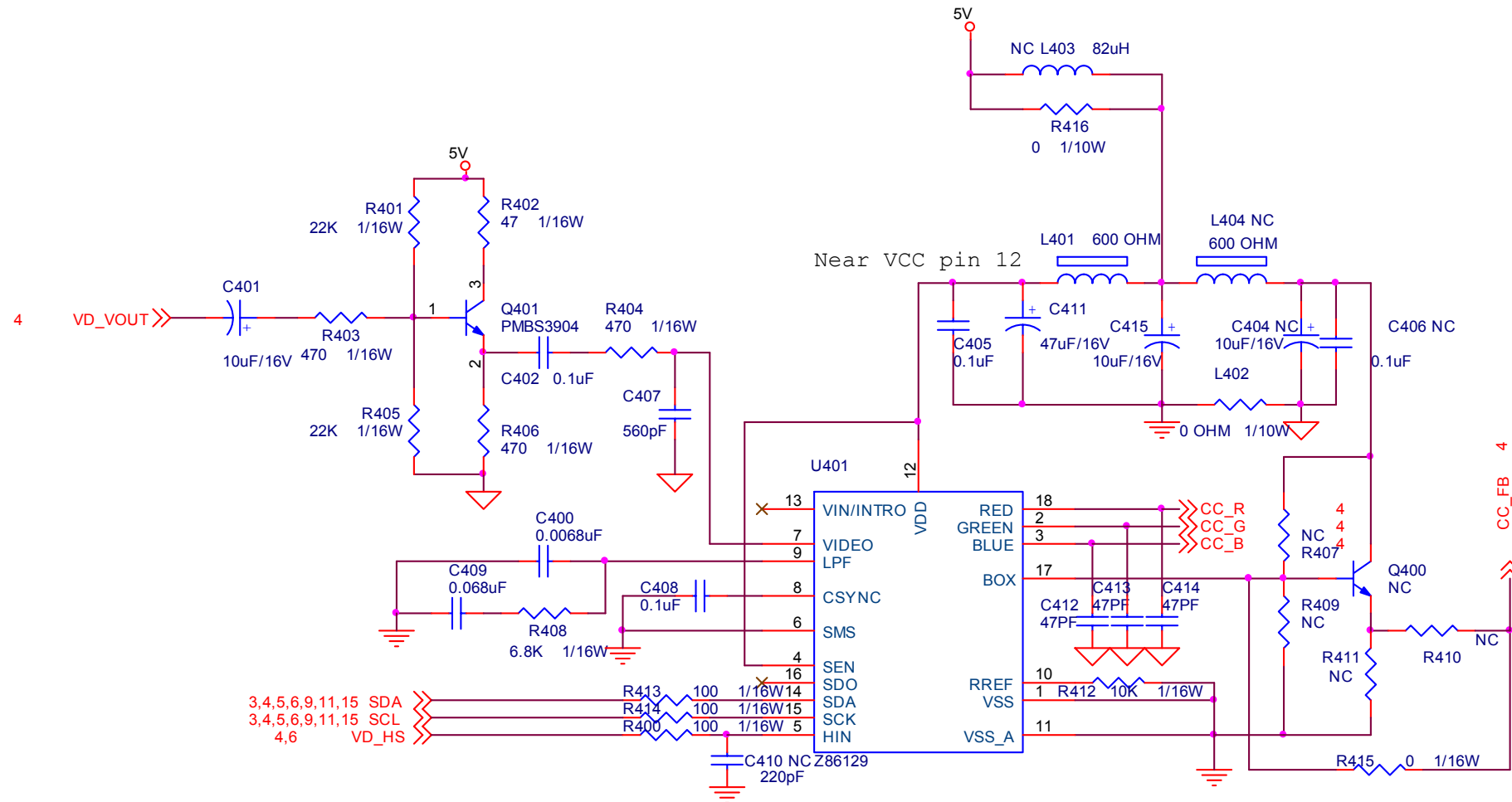


5VP : From Power Supply 5V
 12VP : From Power Supply 12V
 8V : FOR MSP3455G/M62438/uPD64038
 5V : For Tuner/VPC3230D/MSP3455G/
 TVP5150/PT2308/PT2314/Z86129/uPD64038
 3.3VS : For Video Decoder VPC3230D
 / Teltext SAA5264
 3.3VA : For ADC AD9883
 3.3VM : For Scaler spv301
 2.5V : For Scaler spv301
 12V_A : For Audio AMP TDA7266D
 12V_T : For tuner boost

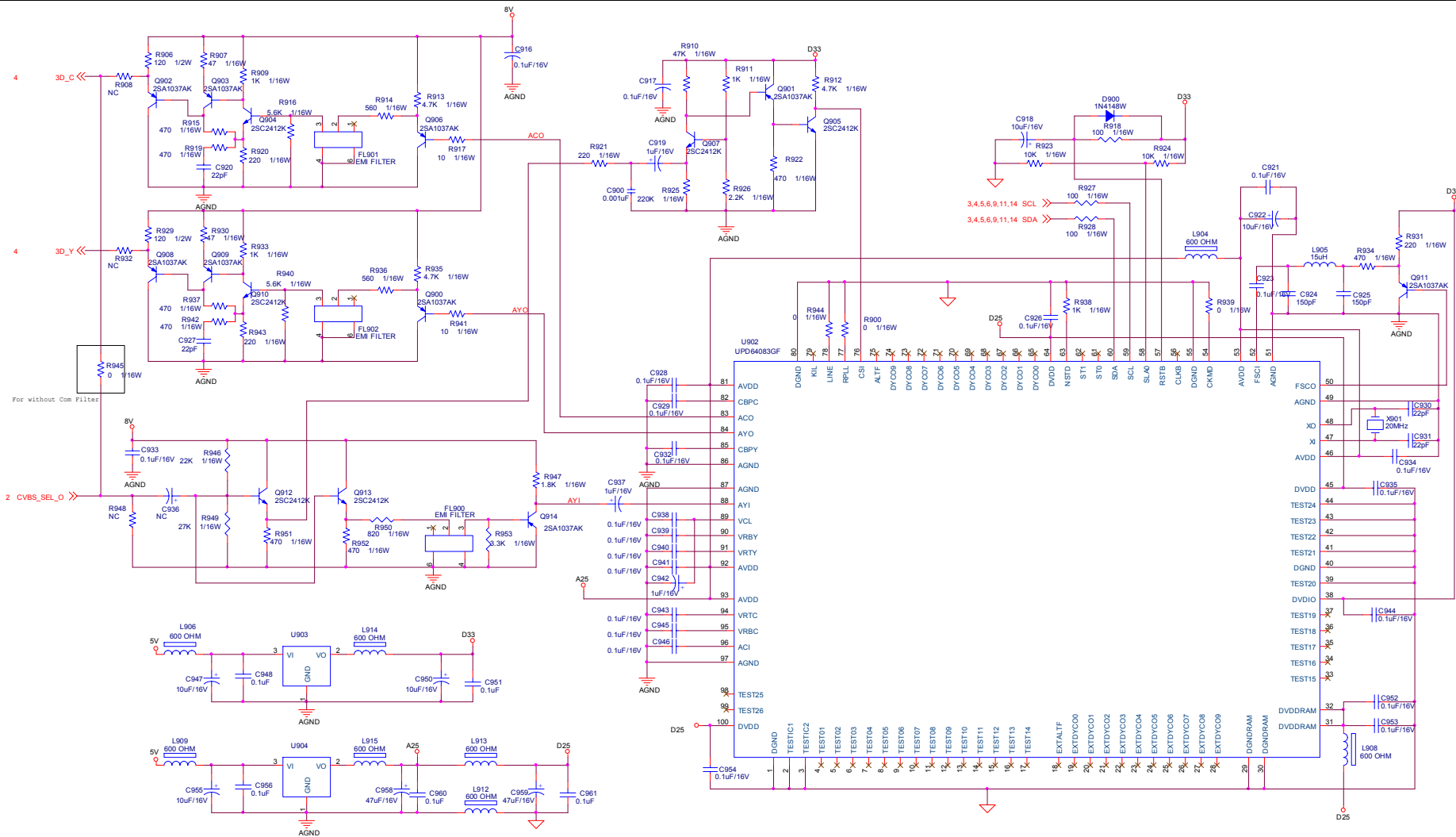


AOC (Top Victory) Electronics Co., Ltd.		
Title		
11. POWER		
Size	Document Number	Rev
A4	715T1641-2	1A
Date:	Tuesday, June 13, 2006	Sheet 11 of 14





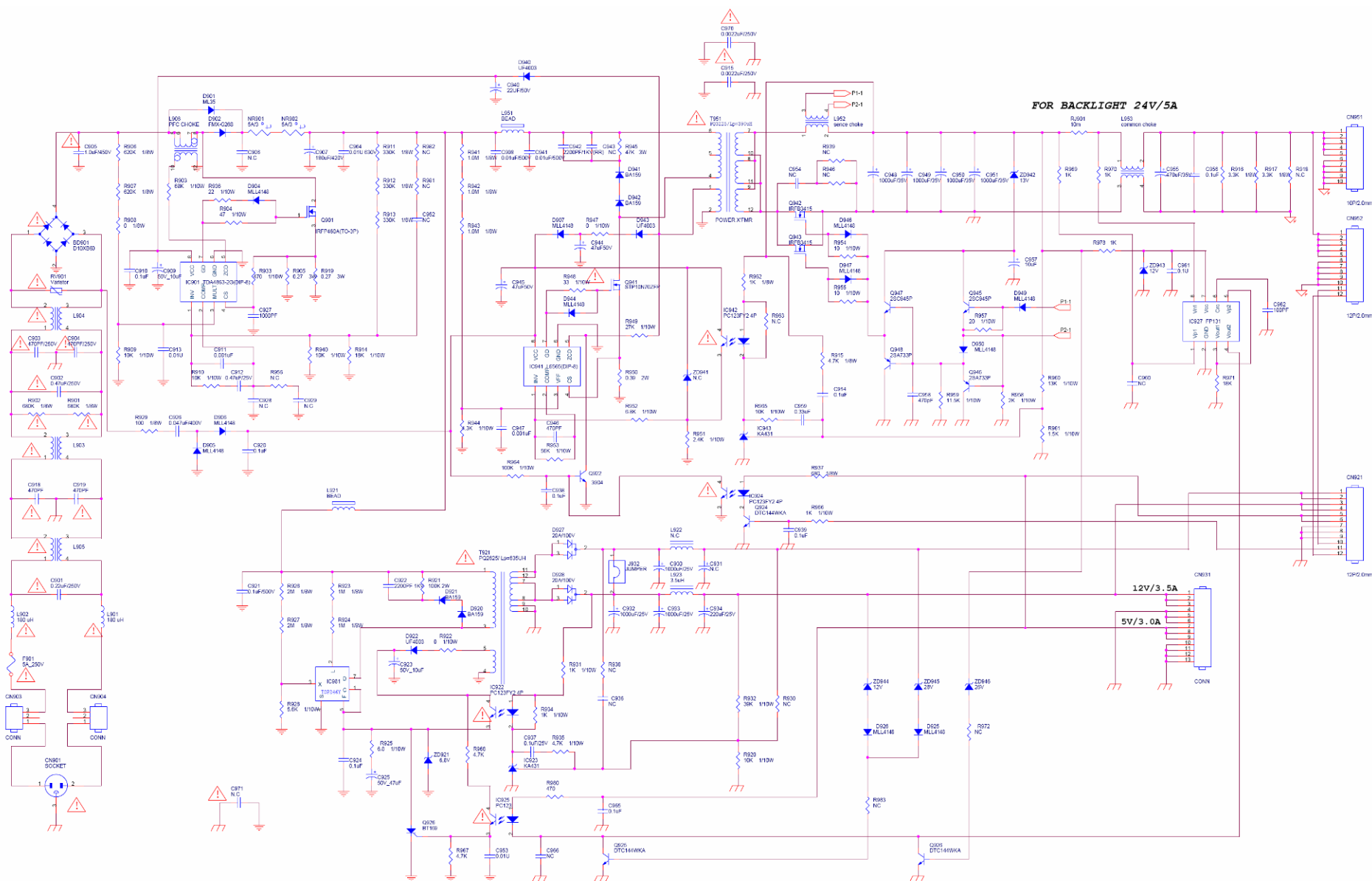
Title		
13. CC&V Chip		
Size A	Document Number	Rev 1A
715T1641-2		
Date:	Tuesday, June 13, 2006	Sheet 13 of 14



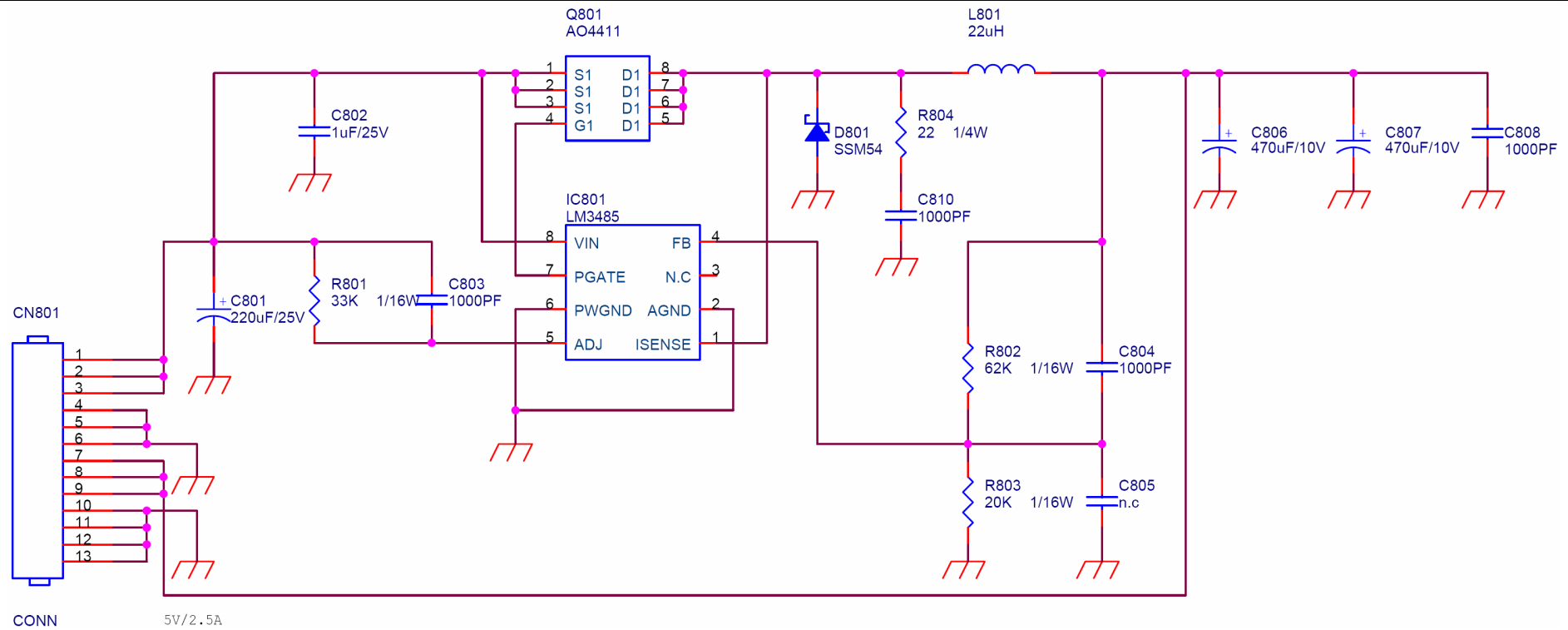
Title				
14. 3D Comb Filter				
Size C	Document Number			Rev 1A
715T1641-2				
Date:	Thursday, July 06, 2006	Sheet	14	of 14

32" LCD TV
10.2 Power Board
715T1180-3

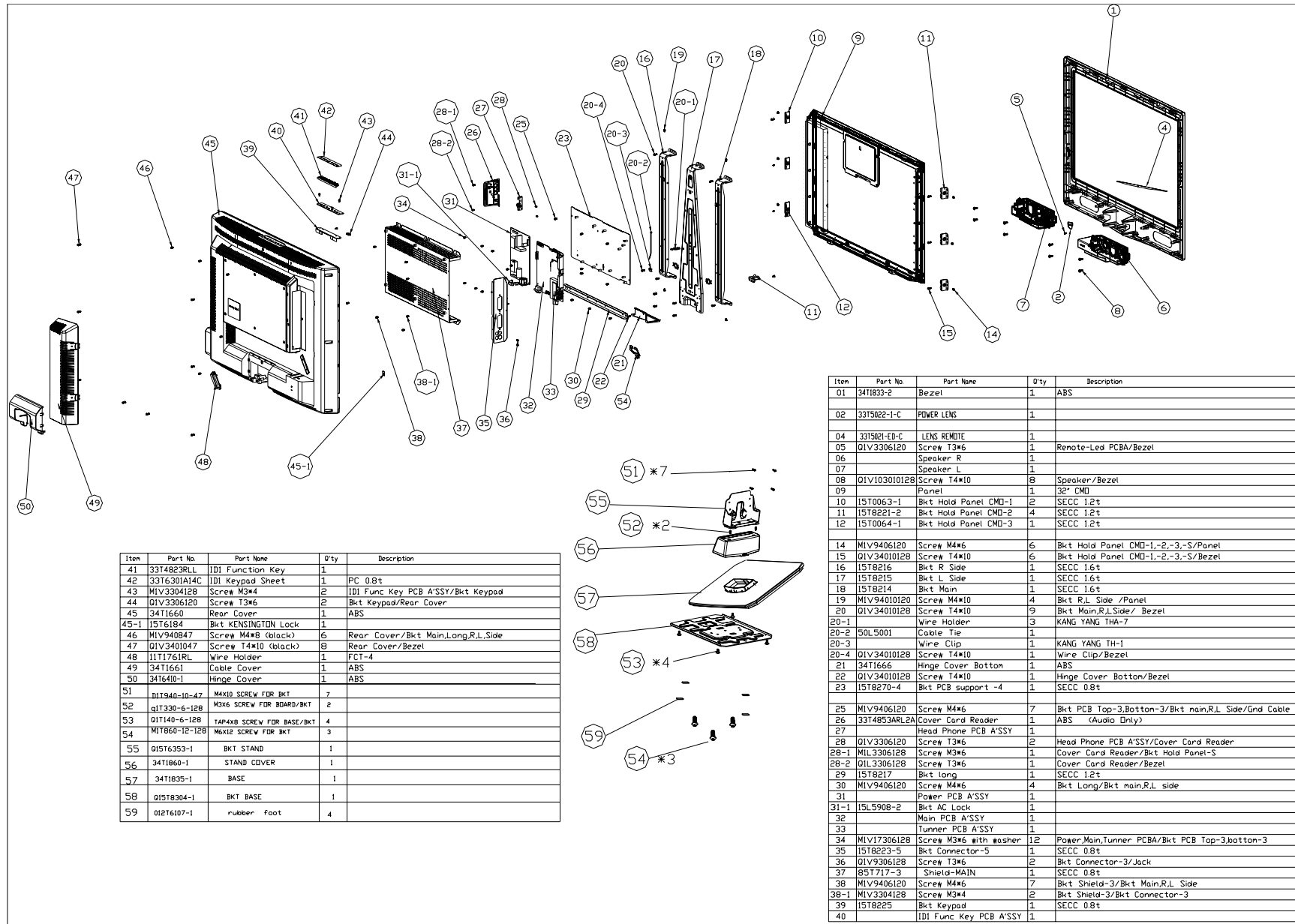
Hyundai HLCD-A32W4



File	ADPF24180A1
Size	Document Number
Comments	
Date	Friday, October 26, 2004
Revised	1 of 2



11. Exploded View



12. BOM List

E326MSNSD2H4NP

Location	Part No. for TPV	Description	Quantity
	007T 6 L 28	Compound Pallet	1.000
	015T5908 2	BRACKET	1.000
	015T8214 1	BKT MAIN	1.000
	015T8215 1	BKT LSIDE	1.000
	015T8216 1	BKT R SIDE	1.000
	015T8217 1	BKT LONG	1.000
	015T8220 1	BKT HOLD PANEL	1.000
	015T8221 2	BKT HOLD PANEL	4.000
	026T 800504 3	BARCODE LABEL	1.000
	034T1661 GM L	COVER CABLE	1.000
	034T1666 GM L	COVER HINGE BOTTOM	1.000
	044T3A08 1	EPS	1.000
	044T3A08 2	EPS	1.000
	044T3A08 3	EPS	1.000
	044T3A08 4	EPS	1.000
	044T6002842 5A	PAPER BOARD	1.000
	044TZ001200 4B	PIZZA BOX	1.000
	045T 99606 2	PE BAG FOR BASE	1.000
	045T 99609 2	EPE COVER	1.000
	045T 99609 5	EPE COVER FOR BASE	1.000
	045T 99626 2	PE BAG FOR MONITOR	1.000
	050T 500 1	CABLE TIE	1.000
	050T 500 1	CABLE TIE	1.000
	052T 1185	MIDDLE TAPE FOR CARTON	130.000
	052T 1186	SMALL TAPE	10.000
	052T 1209 A	ADHESIVE TAPE 50(W)*135	2.000
	052T 1211 A	ADHESIVE TYPE	2.000
	052T 1211 B	ADHESIVE TYPE	3.000
	085T 583501504	GASKET	2.000
	085T 717 3	MAIN SHIELD	1.000
	089T 725GAA600	SIGNAL CABLE	1.000
	089T408A15N IS	POWER CORD(Wall-out for ITALY)	1.000
	092TB1JX1A31GF	BATTERY	2.000
	095T8013 2532	WIRE HARNESS	1.000
	095T8013 3536	WIRE HARNESS	1.000
	095T8014 5553	WIRE HARNESS	1.000
	095T8014 8613	WIRE HARNESS	1.000
	095T8014 14664	WIRE HARNESS	1.000
	095T8018 3526	LVDS CABLE	1.000
	098TRASW3NE F	REMOTE CONTROL	1.000
	0M1T 330 4128 CR3	SCREW	3.000

0M1T 330 4128 CR3	SCREW	5.000
0M1T 330 4128 CR3	SCREW	4.000
0M1T 330 4128 CR3	SCREW	1.000
0M1T 330 4128 CR3	SCREW	2.000
0M1T 340 6 47 CR3	SCREW	6.000
0M1T 940 6120	SCREW	5.000
0M1T 940 6120	SCREW	4.000
0M1T 940 6120	SCREW	4.000
0M1T 940 6120	SCREW	7.000
0M1T 940 6120	SCREW	7.000
0M1T 940 10120	SCREW	4.000
0M1T1140 6128 CR3	SCREW	1.000
0M1T1730 6128 CR3	SCREW	13.000
0Q1T 340 12 47 CR3	SCREW	8.000
0Q1T 340 12128 CR3	SCREW	18.000
0Q1T 930 6128 CR3	SCREW	3.000
750TVMN0B1411N	PANEL TV 32" B1-L04 CMO	1.000
ADPF24180A1P	ADAPTER ASS'Y	1.000
CBPF3S1KQ1P	CONVERSION BOARD	1.000
Q15T0063 2	BKT HOLD PANEL	2.000
Q15T0064 1	BKT HOLD PANEL	1.000
Q15T8223 5	BKT CONNECTOR	1.000
Q15T8270 4	BKT-PCB-SUPPORT	1.000
Q40T 320970 1A	RATING LABEL	1.000
Q40T0002673 1A	IO LABEL	1.000
Q44T3A08 5 1B	U TYPE SHEET FOR BASE	1.000
Q44T3A08970 1A	CARTON	1.000
001T6017 2 GP	SCREW	3.000
040T 58162435A	LABEL	1.000
045T 76 28 C	PE Bag For Manual	1.000
089T 173 56 4B	AUDIO CABLE	1.000
Q41T3201970 1A	manual	1.000
Q41T7800970 1A	warranty booklet	1.000
011T 176 1 RL	WIRE HOLDER	1.000
012T 394 3	RUBBER FOOT	8.000
015T6184 1	Kensington lock	1.000
015T8225 1	BKT KEY PAD	1.000
033T4823 RG L	ID1 FUN KEY	1.000
033T5022 1 C	LENS POWER	1.000
033T6301A14 2C	PC PLATE ON TOP	1.000
034T1860 RG L	STAND	1.000
044T3121510506	SPONGE	2.000
044T3121510514	SPONGE	1.000
078T 451500 Y	SPK 4.5OHM 5W SUNLINK	2.000

	0M1T 330 6120	SCREW	2.000
	0Q1T 140 8120	SCREW	4.000
	0Q1T 330 6120	SCREW	1.000
	0Q1T 330 6128 CR3	SCREW	2.000
	0Q1T 330 6128 CR3	SCREW	2.000
	0Q1T1030 6128 CR3	SCREW	2.000
	0Q1T1030 8128 CR3	SCREW	8.000
	HJPPFA60A10P	HEADPHONE JACK BAORD	1.000
	IRPF6QA6	IR BOARD	1.000
	KEPFF60KA1P	KEY BOARD	1.000
	Q15T6353 1	BKT STAND	1.000
	Q15T8304 1	BASE BKT	1.000
	Q33T5021 ED C	LENS REMOTE	1.000
	Q34T1660 GM 2A	REAR COVER	1.000
	Q34T1833 RGK2L	BEZEL	1.000
	Q34T1835 RG 1L 20	BASE	1.000
	Q34T6410 GM 1L	COVER HINGE	1.000
	W33T6381CGM 1L	COVER_CARD READER	1.000
CN951	033T3802 10	PLUG	1.000
CN952	033T3802 12	WAFER PH-12	1.000
	040T 45762420A	S/N LABEL	1.000
IC922	056T 139 3A	PC123Y22FZOF	1.000
IC924	056T 139 3A	PC123Y22FZOF	1.000
IC925	056T 139 3A	PC123Y22FZOF	1.000
IC942	056T 139 3A	PC123Y22FZOF	1.000
IC922	056T 139 3B	PC123X82FZOF	1.000
IC924	056T 139 3B	PC123X82FZOF	1.000
IC942	056T 139 3B	PC123X82FZOF	1.000
NR901	061T 58030 W	NTCR	1.000
NR902	061T 58030 W	NTCR	1.000
R950	061T 20K398GB1	CEMENTR 0.39 OHM +-10% 2W	1.000
R921	061T152M10458G6267	100K OHM 5% 2W	1.000
R905	061T153M27858G6267	0.27 OHM 5% 3W	1.000
R945	061T153M47358G6267	47K OHM 5% 3W	1.000
C901	063T 10722410S	0.22UF 275VAC X2	1.000
C905	063T213J105GFA	MPF CAP	1.000
C926	064T400K473 57	MPF CAP	1.000
C922	065T 1K222 2A6213	0.0022UF/1KV	1.000
C942	065T 1K222 2A6213	0.0022UF/1KV	1.000
C921	065T 1M103 3T6921	0.01uf 20% 1000V Y5V	1.000
C903	065T306M1022BM	Y1.CAP.001UF 250VAC MURATA	1.000
C903	065T306M1022BM	Y1.CAP.001UF 250VAC MURATA	1.000
C904	065T306M1022BM	Y1.CAP.001UF 250VAC MURATA	1.000
C904	065T306M1022BM	Y1.CAP.001UF 250VAC MURATA	1.000

C915	065T306M1022BM	Y1.CAP.001UF 250VAC MURATA	1.000
C915	065T306M1022BM	Y1.CAP.001UF 250VAC MURATA	1.000
C903	065T306M1022BP	Y1.CAP.001UF 250VAC	1.000
C904	065T306M1022BP	Y1.CAP.001UF 250VAC	1.000
C915	065T306M1022BP	Y1.CAP.001UF 250VAC	1.000
C970	065T306M2222BP	Y1.CAP.0022UF 250V AC	1.000
C907	067T 4018116N	105C KMQ180UF+-20% 420V	1.000
C907	067T 40K18116K	105C EC SHAP-IN	1.000
C933	067T215B102 4R	1000UF 25V 10*23	1.000
C932	067T215B102 4R	1000UF 25V 10*23	1.000
C951	067T215L102 6N	KY35VB1000M-L 5*25MM	1.000
C950	067T215L102 6N	KY35VB1000M-L 5*25MM	1.000
C949	067T215L102 6N	KY35VB1000M-L 5*25MM	1.000
C948	067T215L102 6N	KY35VB1000M-L 5*25MM	1.000
C930	067T215L102 6N	KY35VB1000M-L 5*25MM	1.000
C930	067T215L102 6R	LOW E.S.R 1000UF +/-20% 35V	1.000
C948	067T215L102 6R	LOW E.S.R 1000UF +/-20% 35V	1.000
C949	067T215L102 6R	LOW E.S.R 1000UF +/-20% 35V	1.000
C950	067T215L102 6R	LOW E.S.R 1000UF +/-20% 35V	1.000
C951	067T215L102 6R	LOW E.S.R 1000UF +/-20% 35V	1.000
C932	067T215L1024NL	KY25VB1000M-L 10*25MM	1.000
C933	067T215L1024NL	KY25VB1000M-L 10*25MM	1.000
C934	067T215L221 4N	LOW E.S.R 220UFM 25V	1.000
C934	067T215L221 4R	LOW E.S.R 220UFM 25V	1.000
C955	067T215L471 6N	KY35VB470M-L 10*20MM	1.000
C955	067T215L471 6R	LOW E.S.R 470UF +/-20% 35V	1.000
L906	073L 174 44 LG	POWER TRANSFORMER	1.000
L906	073L 174 44 TG	CHOKE COIL	1.000
L953	073L 174 46 LG	FILTER	1.000
L953	073L 174 46LSG	FILTER	1.000
L952	073L 174 47 LG	CHOKE COIL	1.000
L952	073L 174 47LSG	LINE FILTER	1.000
L903	073L 174 48 LG	LINE FILTER	1.000
L904	073L 174 49 LG	LINE FILTER	1.000
L904	073L 174 49LSG	LINE FILTER	1.000
L905	073L 174 52 LG	CHOKE COIL	1.000
L905	073L 174 52LSG	CHOKE COIL	1.000
L901	073L 253156 LH	CHOKE COIL	1.000
L902	073L 253156 LH	CHOKE COIL	1.000
L901	073L 253156 TH	CHOKE COIL	1.000
L902	073L 253156 TH	CHOKE COIL	1.000
L923	073T 253155 L	CHOKE	1.000
L923	073T 253155 LS	CAO5005FL	1.000
T921	080LL26T 1 LG	POWER TRANSFORMER	1.000

T921	080LL26T 1 TG	X'FMR	1.000
T951	080LL26T 2 LG	X'FMR	1.000
T951	080LL26T 2 TG	X'FMR	1.000
D922	093T1020 752T	UF4003PT	1.000
D943	093T1020 752T	UF4003PT	1.000
D942	093T1100 1052T	BA159GPT	1.000
D941	093T1100 1052T	BA159GPT	1.000
D921	093T1100 1052T	BA159GPT	1.000
D920	093T1100 1052T	BA159GPT	1.000
RJ905	095T 90 26	WIRE HARNESS	1.000
CN921	095T8013 10 18	WIRE HARNESS	1.000
	705L F94 56 01	IC981 ASS'Y	1.000
	705L F94 57 01	Q901/Q941/D902 ASS'Y	1.000
	705L F94 57 03	Q942/Q943/D927/D928 ASS'Y	1.000
	705L F94 61 01	R919 ASS'Y	1.000
	705L F94 87 02	CN901 ASS'Y	1.000
	705L F94 93 01	BD901 ASS'Y	1.000
	DCPF1205A3P	DC TO DC BOARD	1.000
CN102	033T3278 10	10 PLUG B10E-XHA/JST E10B-XHA/	1.000
CN112	033T3802 2H	WAFER 2P RIGHT ANGLE	1.000
CN111	033T3802 3H	WAFER 3P RIGHT ANGLE	1.000
CN600	033T3802 5H	WAFER 5P RIGHT ANGLE PI	1.000
CN107	033T3802 8H	WAFER 8P RIGHT ANGLE PITCH 2.0	1.000
CN800	033T8027 20 H	WAFER	1.000
	040T 457624 1B	CPU LABEL	1.000
	040T 45762412B	CBPC LABEL	1.000
	044T3231508512	CHIELD D-SUB	1.000
U310	056T1133 52	A29L040L-70 PLCC-32	1.000
R718	061T152M629 64	6.2 OHM 2W 5% MOF	1.000
R719	061T152M629 64	6.2 OHM 2W 5% MOF	1.000
R125	061T153M150 59	15OHM 5% 3W METAL OXIDE MINI	1.000
R643	061T153M229 59	2.2 OHM 5% 3W	1.000
R644	061T153M229 59	2.2 OHM 5% 3W	1.000
R649	061T153M229 59	2.2 OHM 5% 3W	1.000
R650	061T153M229 59	2.2 OHM 5% 3W	1.000
R102	061T153M829 59	8.2 OHM 3W MOF	1.000
R103	061T153M829 59	8.2 OHM 3W MOF	1.000
L701	073T 253137 L	CC-002451-1	1.000
L707	073T 253137 L	CC-002451-1	1.000
L701	073T 253137 LS	CHOKE COIL	1.000
L707	073T 253137 LS	CHOKE COIL	1.000
	085T 583510	GASKET	1.000
J105	088T 78 13 1	RCA 2*3 C1S4A1-003 TACT	1.000
J100	088T 78 13 3	RCA+S 1+1 C1S5A2-000	1.000

J102	088T 78 13 5	CRYSTAL 18.432MHZ 49US	1.000
J105	088T 78 13 1C	RCA JACK	1.000
J100	088T 78 13 3C	AV-S-01-W	1.000
J102	088T 78 13 5C	RCA JACK	1.000
CN601	088T 30214K	PHONE JACK	1.000
CN501	088T 35315F HA	D-SU13 15PIN	1.000
U602	090T 365600	HEAT SINK-L	1.000
U602	090T6214 1	HEAT SINK-S	1.000
X301	093T 22 61 J	CRYSTAL 32.768 KHZ 3*9 NXF32	1.000
X300	093T 2251B J	NXS12.000AC30F-BT-2	1.000
X200	093T 2265B J	20.250 AE13F-BK4	1.000
X600	093T 2268B J	18.432MHZ	1.000
TU100	094TNTSC MA 1P	TUNER	1.000
	0M1T 330 8128 CR3	SCREW	1.000
CN1	033T3802 5H	WAFER 5P RIGHT ANELE PI	1.000
J1	088T 3027CL	PHONE JACK 7PIN	1.000
	095T 900 53	HARNESS 95MM	1.000
CN1	033T3802 4	WAFER PH-4	1.000
U1	056T 627 7	FM-6038TM2-5AN	1.000
IC981	056T 379 40	TOP246YN T0-220-7C	1.000
	090T 427 1	HEAT SINL	1.000
	0M1T1730 8128 CR3	SCREW	1.000
	012T 372 5	MICA	1.000
Q901	057T 667 17	IRFP460APBF T0-247AC	1.000
Q901	057T 667 18	STW20NM50	1.000
Q901	057T 667 19	2SK3523-01R	1.000
Q941	057T 667 21	STP10NK70ZFP	1.000
Q941	057T 667 23	2SK3677-01MR	1.000
	090T 426 1	HEAT SINK	1.000
D902	093T 220 22	DIODE YG972S6R TO-220F FUJI	1.000
D902	093T 220 23	DIODE FMX-G26S TO-220 SANKEN	1.000
	0M1T1730 12128 CR3	SCREW	3.000
	005T 42 1	CUSHION	2.000
	012T 372 1	MICA	2.000
Q942	057T 600 42	IRFB38N20D TO-220AB	1.000
Q943	057T 600 42	IRFB38N20D TO-220AB	1.000
	090T 428 1	HEAT SINK	1.000
D928	093T 60247	DIODE FME-220A TO-220 SANKEN	1.000
D927	093T 60247	DIODE FME-220A TO-220 SANKEN	1.000
	0M1T1730 10128 CR3	SCREW	4.000
R919	061T153M27858G6267	0.27 OHM 5% 3W	1.000
	096T 29 8	TUBE	20.000
CN901	087T 501 22 RF	AC SOCKET	1.000
	095T 900619	WIRE HARNESS	1.000

	096T 29 4	SHRINK TUBE UL/CSA	3.000
	090T 425 1	HEAT SINK	1.000
BD901	093T 50460 18	D10XB60	1.000
	0M1T1730 10128 CR3	SCREW	1.000
IC941	056T 379 38	L6565D SO-8	1.000
IC901	056T 538 8	TDA4863-2G SO-8	1.000
Q922	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q924	057T 760 5	DTC144WKA BY FOHM SMT	1.000
R922	061T0805000	CHIP 0OHM 5% 1/10W	1.000
R944	061T0805000	CHIP 0OHM 5% 1/10W	1.000
R947	061T0805000	CHIP 0OHM 5% 1/10W	1.000
R955	061T0805100	RST CHIPR 10 OHM +-5% 1/8W	1.000
R954	061T0805100	RST CHIPR 10 OHM +-5% 1/8W	1.000
R920	061T0805100 2F	RST CHIPR 10 KOHM +-1% 1/8W	1.000
R940	061T0805100 2F	RST CHIPR 10 KOHM +-1% 1/8W	1.000
R931	061T0805102	CHIP 1KOHM 1/10W	1.000
R934	061T0805102	CHIP 1KOHM 1/10W	1.000
R909	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	1.000
R910	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	1.000
R965	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W	1.000
R964	061T0805104	RST CHIPR 100 KOHM +-5% 1/8W	1.000
R959	061T0805115 2F	RST CHIPR 11.5 KOHM +-1% 1/8W	1.000
R960	061T0805133	RST CHIPR 13 KOHM +-5% 1/8W	1.000
R961	061T0805152	RST CHIPR 1.5 KOHM +-5% 1/8W	1.000
R914	061T0805191 2F	RST CHIPR 19.1 KOHM +-1% 1/8W	1.000
R957	061T0805200 9F	RST CHIPR 20 OHM +-1% 1/8W	1.000
R958	061T0805202	RST CHIPR 2 KOHM +-5% 1/8W	1.000
R936	061T0805220	22&8 1/10W	1.000
R967	061T0805222	RST CHIPR 2.2 KOHM +-5% 1/8W	1.000
R951	061T0805242	RST CHIPR 2.4 KOHM +-5% 1/8W	1.000
R949	061T0805273	RST CHIPR 27 KOHM +-5% 1/8W	1.000
R948	061T0805330	RST CHIPR 33 OHM +-5% 1/8W	1.000
R932	061T0805393	RST CHIPR 39 KOHM +-5% 1/8W	1.000
R904	061T0805470	RST CHIPR 47 OHM +-5% 1/8W	1.000
R933	061T0805471	RST CHIPR 470 OHM +-5% 1/8W	1.000
R935	061T0805472	RST CHIPR 4.7 KOHM +-5% 1/8W	1.000
R953	061T0805563	RST CHIPR 56 KOHM +-5% 1/8W	1.000
R952	061T0805682	RST CHIPR 6.8 KOHM +-5% 1/8W	1.000
R903	061T0805683	RST CHIPR 68 KOHM +-5% 1/8W	1.000
R925	061T0805689	RST CHIPR 6.8 OHM +-5% 1/8W	1.000
R908	061T1206000	RST CHIPR 0 OHM +-5% 1/4W	1.000
RJ901	061T1206000	RST CHIPR 0 OHM +-5% 1/4W	1.000
RJ903	061T1206000	RST CHIPR 0 OHM +-5% 1/4W	1.000
RJ904	061T1206000	RST CHIPR 0 OHM +-5% 1/4W	1.000

R983	061T1206100 3F	RST CHIPR 100 KOHM +-1% 1/4W	1.000
R923	061T1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W	1.000
R924	061T1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W	1.000
R968	061T1206101	RST CHIPR 100 OHM +-5% 1/4W	1.000
R962	061T1206102	RST CHIPR 1 KOHM +-5% 1/4W	1.000
R926	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W	1.000
R927	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W	1.000
R929	061T1206330	RST CHIPR 33 OHM +-5% 1/4W	1.000
R946	061T1206330	RST CHIPR 33 OHM +-5% 1/4W	1.000
R974	061T1206330	RST CHIPR 33 OHM +-5% 1/4W	1.000
R911	061T1206330 3F	RST CHIPR 330 KOHM +-1% 1/4W	1.000
R912	061T1206330 3F	RST CHIPR 330 KOHM +-1% 1/4W	1.000
R913	061T1206330 3F	RST CHIPR 330 KOHM +-1% 1/4W	1.000
R917	061T1206332	RST CHIPR 3.3 KOHM +-5% 1/4W	1.000
R916	061T1206332	RST CHIPR 3.3 KOHM +-5% 1/4W	1.000
R973	061T1206470	RST CHIPR 47 OHM +-5% 1/4W	1.000
R915	061T1206472	RST CHIPR 4.7 KOHM +-5% 1/4W	1.000
R928	061T1206562	RST CHIPR 5.6 KOHM +-5% 1/4W	1.000
R907	061T1206624	RST CHIPR 620 KOHM +-5% 1/4W	1.000
R906	061T1206624	RST CHIPR 620 KOHM +-5% 1/4W	1.000
R902	061T1206684	RST CHIPR 680KOHM +-5% 1/4W	1.000
R901	061T1206684	RST CHIPR 680KOHM +-5% 1/4W	1.000
C927	065T0805102 32	CHIP 1000P 50VX7R 0805	1.000
C911	065T0805102 32	CHIP 1000P 50VX7R 0805	1.000
C913	065T0805103 32	10NF/50V/0805/X7R	1.000
C910	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C914	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C920	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C924	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C935	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C937	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C938	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C939	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C953	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C956	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C965	065T0805104 32	CHIP 0.1U 50V X7R	1.000
C946	065T0805333 32	MLCC 0805 CAP 3300PF K 50V X7R	1.000
C959	065T0805334 22	CHIP 0.33UF +-10% 25V X7R 0805	1.000
C958	065T0805471 31	CHIP 470PF 50V NPO	1.000
C912	065T0805474 22	CHIP 0.47UF 25V X7R	1.000
C964	065T1206103B2M6213	CHIP 0.01UF 630V X7R	1.000
D929	093T 6432P	LL4148 BY PANJIT	1.000
D944	093T 6432P	LL4148 BY PANJIT	1.000
D945	093T 6432P	LL4148 BY PANJIT	1.000

D946	093T 6432P	LL4148 BY PANJIT	1.000
D947	093T 6432P	LL4148 BY PANJIT	1.000
D949	093T 6432P	LL4148 BY PANJIT	1.000
D950	093T 6432P	LL4148 BY PANJIT	1.000
D926	093T 6432P	LL4148 BY PANJIT	1.000
D924	093T 6432P	LL4148 BY PANJIT	1.000
D923	093T 6432P	LL4148 BY PANJIT	1.000
D907	093T 6432P	LL4148 BY PANJIT	1.000
D906	093T 6432P	LL4148 BY PANJIT	1.000
D905	093T 6432P	LL4148 BY PANJIT	1.000
D904	093T 6432P	LL4148 BY PANJIT	1.000
D904	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D905	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D906	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D907	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D923	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D924	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D926	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D929	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D944	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D945	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D946	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D947	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D949	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D950	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
ZD921	093T 39S 10 T	RLZ6.8B LLDS	1.000
ZD944	093T 39S 15 T	RLZ15B	1.000
ZD943	093T 39S 24 T	RLZ 5.6B LLDS	1.000
ZD942	093T 39S 33 T	PTZ 13B	1.000
ZD946	093T 39S 42 T	RLZ27B LLDS	1.000
D901	093T3060 10	ML35PT	1.000
CN801	033T800913Z H	PIN HEADER 1*13 R/A	1.000
C807	067T215B471 3N	105°C 470UF M 16V NCC	1.000
C806	067T215B471 3N	105°C 470UF M 16V NCC	1.000
C806	067T215B471 3R	LOW E.S.R 470UF +/-20% 16V	1.000
C807	067T215B471 3R	LOW E.S.R 470UF +/-20% 16V	1.000
C801	067T405V221 4P	105°C 220UF M 25V	1.000
U704	056T 133 30AAC	AZ1117H-ADJ-E1	1.000
U602	056T 535 3	TDA7266D	1.000
U800	056T 561 8	THC63LVDM83R	1.000
U300	056T 562 50	SPV301A-PBGA388	1.000
U300	056T 562 87	SPV302A PBGA-388 SUNPLUS	1.000
U501	056T 567 6	AD9883AKSTZ-140	1.000
U701	056T 585 4	AIC1117-33PY ANALOG	1.000

U702	056T 585 4	AIC1117-33PY ANALOG	1.000
U700	056T 585 4	AIC1117-33PY ANALOG	1.000
U105	056T 585 9	IC AP1117E50LA ANACHIP	1.000
U101	056T 585 9	IC AP1117E50LA ANACHIP	1.000
U703	056T 585 5A	ANACHIP	1.000
U601	056T 593 4	MSP3425G-QI-B8-V3PMQFP64(BTSC)	1.000
U600	056T 593 6	M62438FP SOP-10	1.000
U103	056T 603 2	M61323FP SSOP-136	1.000
U100	056T 614 1	IC 74HC4052D PHILIPS	1.000
U302	056T 615 3	GLT5640L16-6TC TSOP-54P	1.000
U302	056T 615 8A	GLT5640L16-7TC TSOP-54 BY G-L	1.000
U603	056T 616 3	PT2308S SO-8 PTC	1.000
U401	056T 623 1	IC Z8612912SSG SOIC-18 ZILOG	1.000
U102	056T 625 1	NJM-2244M-TE1/JRC	1.000
U200	056T 640 1	VPC3230D	1.000
U301	056T 652 1	PCA9554PW TSSOP-16 PHILIPS 8BI	1.000
U301	056T 652500	WT6854 512	1.000
U500	056T1133 34	M24C02-WMN6TP	1.000
U304	056T1133 56	M24C16-WMN6TP	1.000
Q703	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q702	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q600	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q401	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q301	057T 417 4	CHIP PMBS3904 BY PHILIPS	1.000
Q700	057T 763 1	A03401L SOT23 BY AOS	1.000
Q300	057T 763 3B	AM9435P.T1-PF SO-8	1.000
Q701	057T 763 3B	AM9435P.T1-PF SO-8	1.000
RN105	061T 125000 8	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1.000
RP505	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	1.000
RP500	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	1.000
RP203	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	1.000
RP200	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	1.000
RP504	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	1.000
RP503	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	1.000
RP502	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	1.000
RP501	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	1.000
RP202	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	1.000
RP201	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W	1.000
RN101	061T 125103 8	RST CHIP AR 8P4R 10KOHM +-5% 1/16W	1.000
RN317	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN300	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN316	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN315	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN314	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R	1.000

RN313	061T 125220	8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN312	061T 125220	8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN311	061T 125220	8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN310	061T 125220	8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN309	061T 125220	8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN308	061T 125220	8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN307	061T 125220	8	CHIP ARRAY 220HM 1/16W 8P4R	1.000
RN306	061T 125330	8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	1.000
RN305	061T 125330	8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	1.000
RN304	061T 125330	8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	1.000
RN303	061T 125330	8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	1.000
RN302	061T 125330	8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	1.000
RN301	061T 125330	8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W	1.000
RN100	061T 125472	8	RST CHIP AR 8P4R 4.7KOHM +-5% 1/16W	1.000
R201	061T0603000		CHIP 0OHM 1/16W	1.000
R202	061T0603000		CHIP 0OHM 1/16W	1.000
R203	061T0603000		CHIP 0OHM 1/16W	1.000
R371	061T0603000		CHIP 0OHM 1/16W	1.000
R945	061T0603000		CHIP 0OHM 1/16W	1.000
R804	061T0603000		CHIP 0OHM 1/16W	1.000
R801	061T0603000		CHIP 0OHM 1/16W	1.000
R800	061T0603000		CHIP 0OHM 1/16W	1.000
R648	061T0603000		CHIP 0OHM 1/16W	1.000
R608	061T0603000		CHIP 0OHM 1/16W	1.000
R516	061T0603000		CHIP 0OHM 1/16W	1.000
R515	061T0603000		CHIP 0OHM 1/16W	1.000
R514	061T0603000		CHIP 0OHM 1/16W	1.000
R411	061T0603000		CHIP 0OHM 1/16W	1.000
R374	061T0603000		CHIP 0OHM 1/16W	1.000
R335	061T0603000		CHIP 0OHM 1/16W	1.000
R333	061T0603000		CHIP 0OHM 1/16W	1.000
R326	061T0603000		CHIP 0OHM 1/16W	1.000
R300	061T0603000		CHIP 0OHM 1/16W	1.000
R204	061T0603000		CHIP 0OHM 1/16W	1.000
R200	061T0603000		CHIP 0OHM 1/16W	1.000
L504	061T0603000		CHIP 0OHM 1/16W	1.000
L128	061T0603000		CHIP 0OHM 1/16W	1.000
L123	061T0603000		CHIP 0OHM 1/16W	1.000
L120	061T0603000		CHIP 0OHM 1/16W	1.000
R119	061T0603100	2F	RST CHIPR 10KOHM +-1% 1/10W	1.000
R217	061T0603101		CHIP 100OHM 1/16W	1.000
R309	061T0603101		CHIP 100OHM 1/16W	1.000
R312	061T0603101		CHIP 100OHM 1/16W	1.000
R314	061T0603101		CHIP 100OHM 1/16W	1.000

R321	061T0603101	CHIP 100OHM 1/16W	1.000
R327	061T0603101	CHIP 100OHM 1/16W	1.000
R329	061T0603101	CHIP 100OHM 1/16W	1.000
R400	061T0603101	CHIP 100OHM 1/16W	1.000
R409	061T0603101	CHIP 100OHM 1/16W	1.000
R413	061T0603101	CHIP 100OHM 1/16W	1.000
R414	061T0603101	CHIP 100OHM 1/16W	1.000
R415	061T0603101	CHIP 100OHM 1/16W	1.000
R310	061T0603101	CHIP 100OHM 1/16W	1.000
R311	061T0603101	CHIP 100OHM 1/16W	1.000
R315	061T0603101	CHIP 100OHM 1/16W	1.000
R316	061T0603101	CHIP 100OHM 1/16W	1.000
R317	061T0603101	CHIP 100OHM 1/16W	1.000
R318	061T0603101	CHIP 100OHM 1/16W	1.000
R319	061T0603101	CHIP 100OHM 1/16W	1.000
R320	061T0603101	CHIP 100OHM 1/16W	1.000
R328	061T0603101	CHIP 100OHM 1/16W	1.000
R105	061T0603101	CHIP 100OHM 1/16W	1.000
R106	061T0603101	CHIP 100OHM 1/16W	1.000
R206	061T0603101	CHIP 100OHM 1/16W	1.000
R642	061T0603101	CHIP 100OHM 1/16W	1.000
R641	061T0603101	CHIP 100OHM 1/16W	1.000
R624	061T0603101	CHIP 100OHM 1/16W	1.000
R623	061T0603101	CHIP 100OHM 1/16W	1.000
R614	061T0603101	CHIP 100OHM 1/16W	1.000
R613	061T0603101	CHIP 100OHM 1/16W	1.000
R604	061T0603101	CHIP 100OHM 1/16W	1.000
R602	061T0603101	CHIP 100OHM 1/16W	1.000
R505	061T0603102	CHIP 1K OHM 1/16W	1.000
R513	061T0603102	CHIP 1K OHM 1/16W	1.000
R615	061T0603102	CHIP 1K OHM 1/16W	1.000
R628	061T0603102	CHIP 1K OHM 1/16W	1.000
R630	061T0603102	CHIP 1K OHM 1/16W	1.000
R634	061T0603102	CHIP 1K OHM 1/16W	1.000
R638	061T0603102	CHIP 1K OHM 1/16W	1.000
R805	061T0603102	CHIP 1K OHM 1/16W	1.000
R806	061T0603102	CHIP 1K OHM 1/16W	1.000
R503	061T0603102	CHIP 1K OHM 1/16W	1.000
R219	061T0603102	CHIP 1K OHM 1/16W	1.000
R636	061T0603102	CHIP 1K OHM 1/16W	1.000
R637	061T0603102	CHIP 1K OHM 1/16W	1.000
R134	061T0603102	CHIP 1K OHM 1/16W	1.000
R213	061T0603102	CHIP 1K OHM 1/16W	1.000
R218	061T0603102	CHIP 1K OHM 1/16W	1.000

R220	061T0603102	CHIP 1K OHM 1/16W	1.000
R313	061T0603102	CHIP 1K OHM 1/16W	1.000
R323	061T0603102	CHIP 1K OHM 1/16W	1.000
R609	061T0603103	CHIP 10KOHM 1/16W	1.000
R610	061T0603103	CHIP 10KOHM 1/16W	1.000
R625	061T0603103	CHIP 10KOHM 1/16W	1.000
R626	061T0603103	CHIP 10KOHM 1/16W	1.000
R629	061T0603103	CHIP 10KOHM 1/16W	1.000
R633	061T0603103	CHIP 10KOHM 1/16W	1.000
R639	061T0603103	CHIP 10KOHM 1/16W	1.000
R640	061T0603103	CHIP 10KOHM 1/16W	1.000
R802	061T0603103	CHIP 10KOHM 1/16W	1.000
R412	061T0603103	CHIP 10KOHM 1/16W	1.000
R360	061T0603103	CHIP 10KOHM 1/16W	1.000
R357	061T0603103	CHIP 10KOHM 1/16W	1.000
R339	061T0603103	CHIP 10KOHM 1/16W	1.000
R336	061T0603103	CHIP 10KOHM 1/16W	1.000
R231	061T0603103	CHIP 10KOHM 1/16W	1.000
R124	061T0603103	CHIP 10KOHM 1/16W	1.000
R123	061T0603103	CHIP 10KOHM 1/16W	1.000
R118	061T0603103	CHIP 10KOHM 1/16W	1.000
R338	061T0603103	CHIP 10KOHM 1/16W	1.000
R337	061T0603103	CHIP 10KOHM 1/16W	1.000
R616	061T0603104	CHIP 100K OHM 1/16W	1.000
R367	061T0603104	CHIP 100K OHM 1/16W	1.000
R363	061T0603104	CHIP 100K OHM 1/16W	1.000
R359	061T0603104	CHIP 100K OHM 1/16W	1.000
R358	061T0603104	CHIP 100K OHM 1/16W	1.000
R344	061T0603104	CHIP 100K OHM 1/16W	1.000
R341	061T0603104	CHIP 100K OHM 1/16W	1.000
R366	061T0603104	CHIP 100K OHM 1/16W	1.000
R365	061T0603104	CHIP 100K OHM 1/16W	1.000
R364	061T0603104	CHIP 100K OHM 1/16W	1.000
R343	061T0603104	CHIP 100K OHM 1/16W	1.000
R342	061T0603104	CHIP 100K OHM 1/16W	1.000
R334	061T0603105	CHIP 1MOHM 1/16W	1.000
R205	061T0603105	CHIP 1MOHM 1/16W	1.000
R700	061T0603120 0F	RST CHIPR 120 OHM +-1% 1/10W	1.000
R622	061T0603152	CHIP 1.5KOHM 1/16W	1.000
R306	061T0603152	CHIP 1.5KOHM 1/16W	1.000
R504	061T0603220	CHIP 22OHM 1/16W	1.000
R502	061T0603220	CHIP 22OHM 1/16W	1.000
R373	061T0603220	CHIP 22OHM 1/16W	1.000
R372	061T0603220	CHIP 22OHM 1/16W	1.000

R356	061T0603220	CHIP 22OHM 1/16W	1.000
R355	061T0603220	CHIP 22OHM 1/16W	1.000
R352	061T0603220	CHIP 22OHM 1/16W	1.000
R351	061T0603220	CHIP 22OHM 1/16W	1.000
R348	061T0603220	CHIP 22OHM 1/16W	1.000
R345	061T0603220	CHIP 22OHM 1/16W	1.000
R347	061T0603220	CHIP 22OHM 1/16W	1.000
R346	061T0603220	CHIP 22OHM 1/16W	1.000
R705	061T0603223	CHIP 22KOHM 1/16W	1.000
R702	061T0603223	CHIP 22KOHM 1/16W	1.000
R405	061T0603223	CHIP 22KOHM 1/16W	1.000
R401	061T0603223	CHIP 22KOHM 1/16W	1.000
R703	061T0603302	CHIP 3K OHM 5% 1/16	1.000
R635	061T0603302	CHIP 3K OHM 5% 1/16	1.000
R631	061T0603302	CHIP 3K OHM 5% 1/16	1.000
R619	061T0603316 2F	RST CHIPR 31.6KOHM +-1% 1/10W	1.000
R324	061T0603330	CHIP 33OHM 1/16W	1.000
R215	061T0603360 1F	CHIP 3.6K OHM 1/16W 1%	1.000
R214	061T0603360 1F	CHIP 3.6K OHM 1/16W 1%	1.000
R216	061T0603360 1F	CHIP 3.6K OHM 1/16W 1%	1.000
R620	061T0603392	CHIP 3.9KOHM 1/16W	1.000
R402	061T0603470	RST CHIPR 47 OHM +-5% 1/10W	1.000
R606	061T0603471	RST CHIPR 470OHM +-5% 1/10W	1.000
R605	061T0603471	RST CHIPR 470OHM +-5% 1/10W	1.000
R603	061T0603471	RST CHIPR 470OHM +-5% 1/10W	1.000
R601	061T0603471	RST CHIPR 470OHM +-5% 1/10W	1.000
R410	061T0603471	RST CHIPR 470OHM +-5% 1/10W	1.000
R406	061T0603471	RST CHIPR 470OHM +-5% 1/10W	1.000
R404	061T0603471	RST CHIPR 470OHM +-5% 1/10W	1.000
R403	061T0603471	RST CHIPR 470OHM +-5% 1/10W	1.000
R612	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R611	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R607	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R509	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R508	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R501	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R350	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R349	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R322	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R621	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R654	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R655	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R627	061T0603472	CHIP 4.7KOHM 1/16W	1.000
R632	061T0603472	CHIP 4.7KOHM 1/16W	1.000

R618	061T0603473	CHIP 47KOHM 1/16W	1.000
R701	061T0603473	CHIP 47KOHM 1/16W	1.000
R704	061T0603473	CHIP 47KOHM 1/16W	1.000
R408	061T0603682	RST CHIPR 6.8KOHM +-5% 1/10W	1.000
R209	061T0603750	75OHM	1.000
R108	061T0603750	75OHM	1.000
R109	061T0603750	75OHM	1.000
R208	061T0603750	75OHM	1.000
R210	061T0603750	75OHM	1.000
R353	061T0603750	75OHM	1.000
R354	061T0603750	75OHM	1.000
R112	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R113	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R114	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R115	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R224	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R225	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R101	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R104	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R107	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R111	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R116	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R223	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R226	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R230	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R506	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R507	061T0603750 9F	CHIP 75OHM 1/16W 1%	1.000
R308	061T0603912	CHIP 9.1K OHM 1/16W	1.000
R305	061T0603913	CHIP 91KOHM 1/16W	1.000
R307	061T0603913	CHIP 91KOHM 1/16W	1.000
R716	061T0805000	CHIP 0OHM 5% 1/10W	1.000
R714	061T0805000	CHIP 0OHM 5% 1/10W	1.000
R712	061T0805000	CHIP 0OHM 5% 1/10W	1.000
R711	061T0805000	CHIP 0OHM 5% 1/10W	1.000
R645	061T0805000	CHIP 0OHM 5% 1/10W	1.000
L506	061T0805000	CHIP 0OHM 5% 1/10W	1.000
L505	061T0805000	CHIP 0OHM 5% 1/10W	1.000
L140	061T0805000	CHIP 0OHM 5% 1/10W	1.000
R715	061T0805000	CHIP 0OHM 5% 1/10W	1.000
R207	061T0805750	RST CHIPR 75 OHM +-5% 1/8W	1.000
R706	061T1206619 0F	RST CHIPR 619 OHM +-1% 1/4W	1.000
C165	065T0603101 31	CHIP 100PF 50V NPO	1.000
C166	065T0603101 31	CHIP 100PF 50V NPO	1.000
C507	065T0603102 31	CHIP 1000PF 50V NPO	1.000

C143	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C144	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C667	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C666	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C665	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C664	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C663	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C662	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C659	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C658	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C657	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C656	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C631	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C630	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C536	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C203	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C160	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C159	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C156	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C155	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C154	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C153	065T0603103 32	CHIP 0.01UF 50V X7R	1.000
C152	065T0603103 32	CHIP 0.01UF 50V X7R	1.000
C151	065T0603103 32	CHIP 0.01UF 50V X7R	1.000
C361	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C362	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C372	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C373	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C374	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C375	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C376	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C377	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C378	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C380	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C381	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C382	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C383	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C384	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C385	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C386	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C402	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C405	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C406	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C408	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000

C501	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C502	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C509	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C333	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C334	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C335	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C336	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C337	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C338	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C339	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C340	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C341	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C342	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C343	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C344	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C345	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C346	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C349	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C350	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C351	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C352	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C355	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C356	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C357	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C358	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C360	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C725	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C622	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C645	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C654	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C655	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C661	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C700	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C702	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C704	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C705	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C709	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C712	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C714	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C716	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C718	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C722	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C723	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C724	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000

C808	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C807	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C805	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C803	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C802	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C801	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C726	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C800	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C514	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C515	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C516	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C517	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C518	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C519	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C520	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C521	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C522	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C523	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C526	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C527	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C528	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C529	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C530	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C531	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C532	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C533	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C534	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C535	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C608	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C332	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C304	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C303	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C302	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C301	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C300	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C240	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C239	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C238	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C237	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C236	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C235	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C234	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C233	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C232	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000

C163	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C150	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C145	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C136	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C121	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C109	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C106	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C103	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C100	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C329	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C328	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C327	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C326	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C323	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C322	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C321	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C320	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C319	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C318	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C317	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C316	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C305	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C306	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C307	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C308	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C309	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C310	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C311	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C312	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C313	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C314	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C315	065T0603104 12	MLCC 0603 0.1UF K 16V X7R	1.000
C368	065T0603150 31	CHIP 15PF 50V NPO	1.000
C369	065T0603150 31	CHIP 15PF 50V NPO	1.000
C370	065T0603150 31	CHIP 15PF 50V NPO	1.000
C367	065T0603150 31	CHIP 15PF 50V NPO	1.000
C200	065T0603152 32	CHIP 1500PF 50V X7R	1.000
C227	065T0603152 32	CHIP 1500PF 50V X7R	1.000
C600	065T0603152 32	CHIP 1500PF 50V X7R	1.000
C607	065T0603152 32	CHIP 1500PF 50V X7R	1.000
C615	065T0603152 32	CHIP 1500PF 50V X7R	1.000
C407	065T0603182 32	CAP:CER 1800PF 5% 50V 0603	1.000
C111	065T0603220 31	CHIP 22PF 50V NPO	1.000
C112	065T0603220 31	CHIP 22PF 50V NPO	1.000

C113	065T0603220 31	CHIP 22PF 50V NPO	1.000
C131	065T0603220 31	CHIP 22PF 50V NPO	1.000
C132	065T0603220 31	CHIP 22PF 50V NPO	1.000
C209	065T0603220 31	CHIP 22PF 50V NPO	1.000
C210	065T0603220 31	CHIP 22PF 50V NPO	1.000
C211	065T0603220 31	CHIP 22PF 50V NPO	1.000
C213	065T0603220 31	CHIP 22PF 50V NPO	1.000
C241	065T0603220 31	CHIP 22PF 50V NPO	1.000
C616	065T0603221 31	CHIP 220PF 50V NPO	1.000
C512	065T0603221 31	CHIP 220PF 50V NPO	1.000
C511	065T0603221 31	CHIP 220PF 50V NPO	1.000
C246	065T0603221 31	CHIP 220PF 50V NPO	1.000
C216	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C217	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C218	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C219	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C220	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C221	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C229	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C242	065T0603224 17	CHIP 0.22UF 16V Y5V	1.000
C243	065T0603330 31	CHIP 33PF 50V NPO	1.000
C244	065T0603330 31	CHIP 33PF 50V NPO	1.000
C245	065T0603330 31	CHIP 33PF 50V NPO	1.000
C387	065T0603330 31	CHIP 33PF 50V NPO	1.000
C388	065T0603330 31	CHIP 33PF 50V NPO	1.000
C389	065T0603330 31	CHIP 33PF 50V NPO	1.000
C390	065T0603330 31	CHIP 33PF 50V NPO	1.000
C504	065T0603330 31	CHIP 33PF 50V NPO	1.000
C224	065T0603331 32	CHIP 330PF 50V X7R	1.000
C225	065T0603331 32	CHIP 330PF 50V X7R	1.000
C226	065T0603331 32	CHIP 330PF 50V X7R	1.000
C391	065T0603331 32	CHIP 330PF 50V X7R	1.000
C618	065T0603331 32	CHIP 330PF 50V X7R	1.000
C619	065T0603331 32	CHIP 330PF 50V X7R	1.000
C621	065T0603331 32	CHIP 330PF 50V X7R	1.000
C620	065T0603331 32	CHIP 330PF 50V X7R	1.000
C602	065T0603339 31	CHIP 3.3PF 50V NPO	1.000
C601	065T0603339 31	CHIP 3.3PF 50V NPO	1.000
C202	065T0603339 31	CHIP 3.3PF 50V NPO	1.000
C201	065T0603339 31	CHIP 3.3PF 50V NPO	1.000
C228	065T0603391 31	CHIP 390PF 50V NPO	1.000
C101	065T0603470 31	CHIP 47PF 50V NPO	1.000
C102	065T0603470 31	CHIP 47PF 50V NPO	1.000
C110	065T0603470 31	CHIP 47PF 50V NPO	1.000

C146	065T0603471 32	CHIP 470PF 50V NPO	1.000
C147	065T0603471 32	CHIP 470PF 50V NPO	1.000
C148	065T0603471 32	CHIP 470PF 50V NPO	1.000
C149	065T0603471 32	CHIP 470PF 50V NPO	1.000
C606	065T0603471 32	CHIP 470PF 50V NPO	1.000
C617	065T0603471 32	CHIP 470PF 50V NPO	1.000
C628	065T0603471 32	CHIP 470PF 50V NPO	1.000
C641	065T0603472 32	CHIP 4700PF 50V X7R	1.000
C207	065T0603473 32	CHIP 0.047UF 50V X7R	1.000
C214	065T0603473 32	CHIP 0.047UF 50V X7R	1.000
C505	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C506	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C508	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C639	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C640	065T0603474 17	CHIP 0.47UF 16V Y5V	1.000
C814	065T0603509 31	CHIP 5PF 50V NPO	1.000
C813	065T0603509 31	CHIP 5PF 50V NPO	1.000
C812	065T0603509 31	CHIP 5PF 50V NPO	1.000
C811	065T0603509 31	CHIP 5PF 50V NPO	1.000
C810	065T0603509 31	CHIP 5PF 50V NPO	1.000
C603	065T0603560 31	CHIP 56PF 50V NPO	1.000
C604	065T0603560 31	CHIP 56PF 50V NPO	1.000
C634	065T0603561 31	CHIP 560PF 50V NPO	1.000
C635	065T0603561 31	CHIP 560PF 50V NPO	1.000
C400	065T0603682 32	CHIP 0.0068UF 50V X7R 0603	1.000
C223	065T0603683 32	CHIP 0.068UF 50V X7R	1.000
C409	065T0603683 32	CHIP 0.068UF 50V X7R	1.000
C500	065T0603822 32	CHIP 8200PF 50V X7R	1.000
C503	065T0603823 32	CHIP 0.047UF 50V X7R	1.000
C650	065T0805225 27	MLCC 0805 CAP 2.2UF Z 25V Y5V	1.000
C647	065T0805225 27	MLCC 0805 CAP 2.2UF Z 25V Y5V	1.000
C215	065T0805473 32	CHIP 0.047uF 50V X7R	1.000
C205	065T0805684 17	CHIP 0.68UF 16V Y5V	1.000
C206	065T0805684 17	CHIP 0.68UF 16V Y5V	1.000
C208	065T0805684 17	CHIP 0.68UF 16V Y5V	1.000
CP100	065T600M102 8T	CHIP APRAY 1000PF 8P	1.000
CP600	065T600M102 8T	CHIP APRAY 1000PF 8P	1.000
CP102	065T602K330 8T	CHIP APRAY 33PF 8P	1.000
CP103	065T602K330 8T	CHIP APRAY 33PF 8P	1.000
CP104	065T602K330 8T	CHIP APRAY 33PF 8P	1.000
CP105	065T602K330 8T	CHIP APRAY 33PF 8P	1.000
CP106	065T602K330 8T	CHIP APRAY 33PF 8P	1.000
CP107	065T602K330 8T	CHIP APRAY 33PF 8P	1.000
C710	067T 312101 3	SMD EC 100UF 16V 85C D	1.000

C652	067T 312101	3	SMD EC 100UF 16V 85C D	1.000
C648	067T 312101	3	SMD EC 100UF 16V 85C D	1.000
C646	067T 312101	3	SMD EC 100UF 16V 85C D	1.000
C605	067T 312101	3	SMD EC 100UF 16V 85C D	1.000
C525	067T 312101	3	SMD EC 100UF 16V 85C D	1.000
C513	067T 312101	3	SMD EC 100UF 16V 85C D	1.000
C366	067T 312101	3	SMD EC 100UF 16V 85C D	1.000
C230	067T 312101	3	SMD EC 100UF 16V 85C D	1.000
C108	067T 312101	3	SMD EC 100UF 16V 85C D	1.000
C104	067T 312101	3	SMD EC 100UF 16V 85C D	1.000
C371	067T 312109	7	SMD EC 1UF 50V 85C	1.000
C610	067T 312109	7	SMD EC 1UF 50V 85C	1.000
C611	067T 312109	7	SMD EC 1UF 50V 85C	1.000
C612	067T 312109	7	SMD EC 1UF 50V 85C	1.000
C613	067T 312109	7	SMD EC 1UF 50V 85C	1.000
C627	067T 312109	7	SMD EC 1UF 50V 85C	1.000
C629	067T 312109	7	SMD EC 1UF 50V 85C	1.000
C623	067T 312220	3	SMD EC 22UF 16V 85C	1.000
C638	067T 312220	3	SMD EC 22UF 16V 85C	1.000
C624	067T 312339	7	SMD EC 3.3 UF 50V 85C	1.000
C624	067T 312339 3T		CHIP EC 3.3UF 16V 85C	1.000
C717	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C713	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C706	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C410	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C129	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C128	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C127	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C126	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C125	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C123	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C122	067T 312470	3	SMD EC 47UF 16V 85C D	1.000
C107	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C114	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C115	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C609	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C614	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C625	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C626	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C632	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C633	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C649	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C651	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000
C653	067T 4121003XT		EC 85°C CHIP 10UF M 16V	1.000

C660	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C701	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C703	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C707	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C708	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C711	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C715	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C719	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C720	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C721	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C804	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C806	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C809	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C524	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C116	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C117	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C118	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C119	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C120	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C124	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C134	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C135	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C164	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C168	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C231	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C324	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C325	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C330	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C331	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C347	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C348	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C353	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C354	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C364	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C401	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C404	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C105	067T 4121003XT	EC 85°C CHIP 10UF M 16V	1.000
C644	067T411F2213XT	EC 105°C CHIP 220UF M 16V	1.000
LP107	071T 56A121 8M	CHIP BEAD	1.000
LP108	071T 56A121 8M	CHIP BEAD	1.000
LP110	071T 56A121 8M	CHIP BEAD	1.000
LP600	071T 56A301 8M	CHIP BEAD	1.000
L201	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L200	071T 56G151 A	CHIOP BEAD 150 OHM	1.000

L137	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L127	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L126	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L117	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L116	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L110	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L109	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L108	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
R511	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
R510	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
R330	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
R304	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
R303	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
R302	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
R301	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L610	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L607	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L606	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L605	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L604	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L600	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L203	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L202	071T 56G151 A	CHIOP BEAD 150 OHM	1.000
L614	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
L613	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
L612	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
L611	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
L608	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
L114	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
L113	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
L112	071T 56G301 EA	CHIP BEAD 300 OHM 0805	1.000
L301	071T 56U601	BEAD 600 OHM	1.000
L208	071T 56U601	BEAD 600 OHM	1.000
L207	071T 56U601	BEAD 600 OHM	1.000
L139	071T 56U601	BEAD 600 OHM	1.000
L136	071T 56U601	BEAD 600 OHM	1.000
L105	071T 56U601	BEAD 600 OHM	1.000
L104	071T 56U601	BEAD 600 OHM	1.000
L103	071T 56U601	BEAD 600 OHM	1.000
L102	071T 56U601	BEAD 600 OHM	1.000
L101	071T 56U601	BEAD 600 OHM	1.000
L801	071T 56U601	BEAD 600 OHM	1.000
L800	071T 56U601	BEAD 600 OHM	1.000
L709	071T 56U601	BEAD 600 OHM	1.000

L708	071T 56U601	BEAD 600 OHM	1.000
L700	071T 56U601	BEAD 600 OHM	1.000
L603	071T 56U601	BEAD 600 OHM	1.000
L602	071T 56U601	BEAD 600 OHM	1.000
L601	071T 56U601	BEAD 600 OHM	1.000
L503	071T 56U601	BEAD 600 OHM	1.000
L502	071T 56U601	BEAD 600 OHM	1.000
L501	071T 56U601	BEAD 600 OHM	1.000
L308	071T 56U601	BEAD 600 OHM	1.000
L307	071T 56U601	BEAD 600 OHM	1.000
L306	071T 56U601	BEAD 600 OHM	1.000
L305	071T 56U601	BEAD 600 OHM	1.000
L304	071T 56U601	BEAD 600 OHM	1.000
L303	071T 56U601	BEAD 600 OHM	1.000
L302	071T 56U601	BEAD 600 OHM	1.000
L309	071T 57G601	BEAD 1206 600 OHM	1.000
L702	071T 57G601	BEAD 1206 600 OHM	1.000
L703	071T 57G601	BEAD 1206 600 OHM	1.000
L704	071T 57G601	BEAD 1206 600 OHM	1.000
L705	071T 57G601	BEAD 1206 600 OHM	1.000
L706	071T 57G601	BEAD 1206 600 OHM	1.000
L710	071T 57G601	BEAD 1206 600 OHM	1.000
L712	071T 57G601	BEAD 1206 600 OHM	1.000
L802	071T 57G601	BEAD 1206 600 OHM	1.000
L803	071T 57G601	BEAD 1206 600 OHM	1.000
L144	071T 59B121	BEAD 0603 120 OHM	1.000
L143	071T 59B121	BEAD 0603 120 OHM	1.000
L142	071T 59B121	BEAD 0603 120 OHM	1.000
L401	071T 59B121	BEAD 0603 120 OHM	1.000
L402	071T 59B121	BEAD 0603 120 OHM	1.000
L500	071T 59B121	BEAD 0603 120 OHM	1.000
R211	071T 59B121	BEAD 0603 120 OHM	1.000
U310	087T 202 32	IC SOCKET PLCC 32P	1.000
U310	087T 202 32 NY	IC SOCKET 32PIN PLCC	1.000
ZD503	093T 39139	CHIP ZD 5.6V MLL752A 10% 1/2W	1.000
ZD502	093T 39139	CHIP ZD 5.6V MLL752A 10% 1/2W	1.000
ZD501	093T 39139	CHIP ZD 5.6V MLL752A 10% 1/2W	1.000
ZD500	093T 39139	CHIP ZD 5.6V MLL752A 10% 1/2W	1.000
ZD500	093T 39147	TZMC 5V6	1.000
ZD501	093T 39147	TZMC 5V6	1.000
ZD502	093T 39147	TZMC 5V6	1.000
ZD503	093T 39147	TZMC 5V6	1.000
D503	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000
D504	093T 6432V	LL4148-GSO8 SMD BY VISHA	1.000

D502	093T 6433P	BAV99	1.000
D501	093T 6433P	BAV99	1.000
D500	093T 6433P	BAV99	1.000
	715T1641 2	MAIN BOARD PCB	1.000
C2	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C1	065T0603102 32	CHIP 1000PF 50V X7R	1.000
FB1	071T 56U601	BEAD 600 OHM	1.000
FB4	071T 56U601	BEAD 600 OHM	1.000
FB3	071T 56U601	BEAD 600 OHM	1.000
FB2	071T 56U601	BEAD 600 OHM	1.000
	715T1290 3	EARPHONE BOARD PCB	1.000
Q1	057T 417 6	PMBS3906/PHILIPS-SMT	1.000
R1	061T0603101	CHIP 100OHM 1/16W	1.000
R3	061T0603103	CHIP 10KOHM 1/16W	1.000
R2	061T1206301	RST CHIPR 300 OHM +-5% 1/4W	1.000
R4	061T1206331	RST CHIPR 330 OHM +-5% 1/4W	1.000
C3	065T0603101 31	CHIP 100PF 50V NPO	1.000
C5	065T0603104 32	CHIP 0.1UF 50V X7R	1.000
C4	065T0603104 32	CHIP 0.1UF 50V X7R	1.000
C2	065T0603104 32	CHIP 0.1UF 50V X7R	1.000
C1	065T0805475 A5	CHIP 4.7UF 10V X5R	1.000
FB2	071T 59B601 EA	CHIP BEAD 600OHM 0603 TB1608	1.000
FB1	071T 59B601 EA	CHIP BEAD 600OHM 0603 TB1608	1.000
FB3	071T 59B601 EA	CHIP BEAD 600OHM 0603 TB1608	1.000
D1	081T 14 15 KB	KAA-3528CGKSYKC-01-AOC SMA	1.000
	715T1975 1 SM	IR BOARD PCB	1.000
CN1	033T8032 4C	WAFER 1.25MM SMT 4P	1.000
R2	061T0603000	CHIP 0OHM 1/16W	1.000
R6	061T0603120 1F	RST CHIPR 1.2 KOHM +-1% 1/10W	1.000
R3	061T0603180 0F	RST CHIPR 180 OHM +-1% 1/10W	1.000
R7	061T0603180 1F	RST CHIPR 1.8 KOHM +-1% 1/10W	1.000
R1	061T0603220 1F	RST CHIPR 2.2 KOHM +-1% 1/10W	1.000
R8	061T0603270 1F	RST CHIPR 2.7 KOHM +-1% 1/10W	1.000
R4	061T0603470 0F	RST CHIPR 470 OHM +-1% 1/10W	1.000
R5	061T0603750 0F	RST CHIPR 750 OHM +-1% 1/10W	1.000
C2	065T0603101 32	CHIP 100PF 50V X7R	1.000
C1	065T0603101 32	CHIP 100PF 50V X7R	1.000
L2	071T 56U601 MA	0805 600 OHM	1.000
L1	071T 56U601 MA	0805 600 OHM	1.000
S7	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
S6	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
S5	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
S4	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
S3	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000

S2	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
S1	077T 604 2 TO	CHIP TACT SW TS-9-TMG-533	1.000
D1	093T 6433P	BAV99	1.000
	715T1623 1	KEY BOARD PCB	1.000
CN901	006T 31500	EYELET	2.000
L904	006T 31502	1.5MM RIVET	4.000
L906	006T 31502	1.5MM RIVET	4.000
NR901	006T 31502	1.5MM RIVET	2.000
NR902	006T 31502	1.5MM RIVET	2.000
T921	006T 31502	1.5MM RIVET	4.000
T951	006T 31502	1.5MM RIVET	4.000
IC923	056T 158 4 T	H431BA	1.000
IC943	056T 158 4 T	H431BA	1.000
IC923	056T 158 10 T	IC AZ431AZ-AE1 TO-92 AAC	1.000
IC943	056T 158 10 T	IC AZ431AZ-AE1 TO-92 AAC	1.000
Q945	057T 419 P T	TRAN 2SC945P/NEC TAPING	1.000
Q947	057T 419 P T	TRAN 2SC945P/NEC TAPING	1.000
Q945	057T 419501 T	KTC945P	1.000
Q947	057T 419501 T	KTC945P	1.000
Q948	057T 420 P T	TRAN 2SA733P/NEC TAPING	1.000
Q946	057T 420 P T	TRAN 2SA733P/NEC TAPING	1.000
Q948	057T 420501 T	KTA733P	1.000
Q946	057T 420501 T	KTA733P	1.000
Q926	057T 566 1	2N5060RLRAG TO-92 BY ON	1.000
Q926	057T 566 4	MCR100-6SCR	1.000
R966	061T 60110252T	1K OHM +-2% 1/6W	1.000
R937	061T 60168152T	680 OHM +-2% 1/6W	1.000
C941	065T 1M103 3T6921	0.01uf 20% 1000V Y5V	1.000
C908	065T517M103 3T	0.01UF 20% 500V Y5P	1.000
C957	067T 2151007NT	10UF 50V NCC 5*11MM	1.000
C923	067T 2151007NT	10UF 50V NCC 5*11MM	1.000
C909	067T 2151007NT	10UF 50V NCC 5*11MM	1.000
C909	067T 2151007RT	LOW E.S.R 10UF +/-20% 50V	1.000
C957	067T 2151007RT	LOW E.S.R 10UF +/-20% 50V	1.000
C923	067T 2151007RT	LOW E.S.R 10UF +/-20% 50V	1.000
C945	067T 2154707NT	47UF 50V NCC 5*11MM	1.000
C944	067T 2154707NT	47UF 50V NCC 5*11MM	1.000
C925	067T 2154707NT	47UF 50V NCC 5*11MM	1.000
C945	067T 2154707RT	LOW E.S.R 470UF +/-20% 50V	1.000
C944	067T 2154707RT	LOW E.S.R 470UF +/-20% 50V	1.000
C925	067T 2154707RT	LOW E.S.R 470UF +/-20% 50V	1.000
L951	071T 55 23	BEAD CORE	1.000
L921	071T 55 23	BEAD CORE	1.000
L951	071T 55 23 S	FERRITE BEAD K-TYPE	1.000

L921	071T 55 23 S	FERRITE BEAD K-TYPE	1.000
F901	084T 55 3	FUSE 5A 250V	1.000
F901	084T 55 4	FOSE 382-5A 250V SICKMANN	1.000
J902	095T 90 23	TIN COATED	1.000
J901	095T 90 23	TIN COATED	1.000
J914	095T 90 23	TIN COATED	1.000
J913	095T 90 23	TIN COATED	1.000
J910	095T 90 23	TIN COATED	1.000
J909	095T 90 23	TIN COATED	1.000
J911	095T 90 23	TIN COATED	1.000
J908	095T 90 23	TIN COATED	1.000
J912	095T 90 23	TIN COATED	1.000
J904	095T 90 23	TIN COATED	1.000
J923	095T 90 23	TIN COATED	1.000
J924	095T 90 23	TIN COATED	1.000
J925	095T 90 23	TIN COATED	1.000
J926	095T 90 23	TIN COATED	1.000
J927	095T 90 23	TIN COATED	1.000
J928	095T 90 23	TIN COATED	1.000
J931	095T 90 23	TIN COATED	1.000
J932	095T 90 23	TIN COATED	1.000
J933	095T 90 23	TIN COATED	1.000
J934	095T 90 23	TIN COATED	1.000
J935	095T 90 23	TIN COATED	1.000
L922	095T 90 23	TIN COATED	1.000
J905	095T 90 23	TIN COATED	1.000
J906	095T 90 23	TIN COATED	1.000
J907	095T 90 23	TIN COATED	1.000
J915	095T 90 23	TIN COATED	1.000
J916	095T 90 23	TIN COATED	1.000
J917	095T 90 23	TIN COATED	1.000
J918	095T 90 23	TIN COATED	1.000
J919	095T 90 23	TIN COATED	1.000
J920	095T 90 23	TIN COATED	1.000
J921	095T 90 23	TIN COATED	1.000
J922	095T 90 23	TIN COATED	1.000
	715T1180 3	POWER BOARD PCB	1.000
IC801	056T 133 32 NS	LM3485	1.000
Q801	057T 763 3	AO4411L SO-8 BY AOS SMT	1.000
Q801	057T 763 4	RSS050P03	1.000
R803	061T0603200 2F	RST CHIPR 20 KOHM +-1% 1/10W	1.000
R801	061T0603360 2F	RST CHIPR 36 KOHM +-1% 1/10W	1.000
R802	061T0603620 2F	RST CHIPR 62 KOHM +-1% 1/10W	1.000
R804	061T1206220	RST CHIPR 22 OHM +-5% 1/4W	1.000

32" LCD TV**Hyundai HLCD-A32W4**

C803	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C804	065T0603102 32	CHIP 1000PF 50V X7R	1.000
C809	065T0603104 32	CHIP 0.1UF 50V X7R	1.000
C805	065T0603471 31	CHIP 470PF 50V NPO	1.000
C810	065T0805102 32	CHIP 1000P 50VX7R 0805	1.000
C808	065T0805102 32	CHIP 1000P 50VX7R 0805	1.000
C802	065T0805105 22	CHIP 1UF 25V X7R 0805	1.000
L801	073T M5822020T	22UH +-20%	1.000
D801	093T8004 2	SBM84PT	1.000
	715T1278 4	PCB	1.000