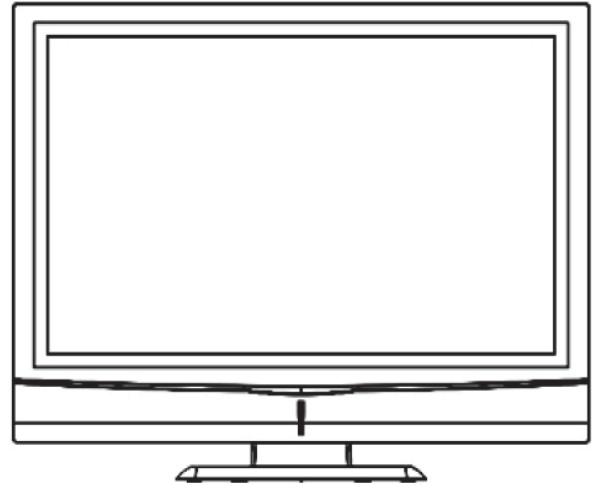


Service
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Service Manual

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SAFETY NOTICE

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

Item		Specification
LCD Panel	Screen Size	37" TFT-LCD Panel
	Aspect Ratio	16 :9
	Resolution	1366 x768
	Display Area (opening) H x V	819.6mm x 460.8mm
	Pixel Pitch	0.6mm x 0.6mm
	Display Colors	16.7 million
	Lamp Type/Life	60000 hr
	Viewable angle	178° (H) 178° (V)
VGA Function	Input support definition	1280*768 /60Hz
	Audio input	Mini jack for stereo headphones (3.5ø)
TV Function	TV Standard	PAL,NTSC,SECAM
	Sound System	Mono, stereo, dual
	Color systems	PAL,NTSC,SECAM
Video Input	AV, S-VIDEO, Component, HDMI, PC, TV	
Audio output	Audio output: L / R	Speaker (built-in): Two 8 watt speakers
		Headphone Mini-jack for stereo (3.5ø)
Table Stand	Yes	
Power	Power	AC100V-240V, 50/60Hz
	Power Consumption	<250W
Environment	Temperature	+ 0 °C ~ + 40 °C
	storage	- 10 °C ~ + 50 °C
	operating	10% ~ 85%
Dimension	W x H x D (with stand)	951 x 694 x 285 (mm)
Net weight	Without accessory	23 Kg
Accessory	Remote controller, Batteriesx2, Power cable, Analog VGA cable Audio Cable, User 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.

VIDEO

Press this key you could select AV3, AV3-S,CMP and HDMI.

SCART

Press this key you could select AV1,AV2 and AV2-S.

0~9 DIGIT BUTTONS

To select a TV channel.

SUBPAGE

Teletext Sub-page function.

Source

Select your input source: press repeatedly to select **TV, PC, AV1,AV2,AV2-S,AV3,AV3-S** or **HDMI** mode, according to where you connected your external source.

SOUND

To select Mono/ Stereo/Dual from TV RF input.

SWAP

Press this key to swap POP/PIP screen.

Zoom +,-.

Press these key to select desired picture format. (Auto 4/3,14/9 ZOOM, 16/9 ZOOM, 14/9 ZOOM up,Cinerama,16/9 Format)

VOL

Press + or - (or **MENU** ◀ or ▶ button) to increase or decrease the volume.

MENU

Press this key to display main menu.



DISPLAY

Press this key to display:
(1) the channel number when watching a TV program.
(2) the input source when watching an AV program.

MUTE

Temporarily interrupt the sound or restore it.

PC

Display PC mode

TV

Display TV mode

PRE-CH

To display the previously selected TV channel.

PIP

Press this key to display PIP/POP screen.

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 off, 15, 30,45,60, 90,120 minutes. The timer begins to count down from the number of minutes selected after the display has disappeared.

CH

Press + or - (or **MENU** ▲/▼ button) buttons to scroll through the channels.

EXIT

Press this key to exit main menu.

OK

Press this KEY to validate your selected.

< > button

Use this button to confirm selection or adjust the desired parameter; otherwise, to increase /decrease the volume.

▲ ▼ button

When in menu mode, use this button to select the up/down; otherwise, to change TV channels.

TELETEXT

Teletext is an information service organized like a magazine, which is provided by some TV stations in addition to regular television broadcasting.

**TELETEXT**

Press **TELETEXT**. The Teletext screen appears.

To turn off the Teletext mode, press **TELETEXT** again.

MIX

Press **MIX** to superimpose the Teletext over a normal broadcast picture. Press again to return to Teletext mode.

SIZE

Press **SIZE** repeatedly to display the upper Teletext part, the lower Teletext part and then to return to the normal.

RED / GREEN / YELLOW / BLUE

Use the **COLOURED BUTTONS** to operate the Teletext screen.

i INFO

Press **i-INFO** to show DTV information.

INDEX

Press **INDEX** to return to the main index page.

SUBTITLE

Press **SUBTITLE** to select the next page marked as a subtitle page and request it as the display page.

HOLD

Press **HOLD** to hold the Teletext page when viewing information. Press again to return to automatic page update.

REVEAL

Press **REVEAL** to display reveal hidden words e.g. quiz page answers. Press again to hide.

PAGE SELECTION

Page can be selected in two ways.

- Press ▼ or ▲ to increase or decrease the page number by one.
- By entering the page number, using digit buttons 0~9.

SUBPAGE ACCESS

When Teletext information exceeds more than one page, press **SUBPAGE** first then select the required page number using digit buttons 0~9.

2.2 To Use The Menus

MAIN MENU

Press the **MENU** button to display the Main menu. It offers the following options : Picture adjustments, Audio adjustments, PIP/POP adjustments, TV channels search menu (only in TV mode) and PC adjustments (only in PC mode). It also allows to define your preferences in the **Setup** menu.

PICTURE ADJUSTMENTS



Display the Main menu by pressing **MENU** button.

Select the **Picture** menu using the $\blacktriangle$ / $\blacktriangledown$ buttons.

Press the **OK** button to confirm.

Use the $\blacktriangle$ / $\blacktriangledown$ buttons to select each option.

Preset: choose between **Personal**, **Vivid**, **Standard** or **Mild**.

Personal gives access to following adjustments.

Contrast, Brightness, Colour and Sharpness: adjust these settings as required using the $\blacktriangleleft$ / $\blacktriangleright$ buttons.

Hue: This option is only available for NTSC audio-visual sources.

Adjust the tint of the picture using the $\blacktriangleleft$ / $\blacktriangleright$ buttons.

Reset: Return to default settings. Press **OK** button to return to default settings.

Press the **MENU** button to exit the **Picture** menu.

Note : this menu is removed automatically after a few seconds without using the remote control.



*When you adjust a menu option (Contrast for example), the menu is replaced by a sub-menu as illustrated. Press the **OK** button to return to the **Picture** menu.*

AUDIO ADJUSTMENTS



Display the Main menu by pressing **MENU** button.

Select the **Sound** menu using the **▼** button.

Press the **OK** button to confirm.

Use the **▲** / **▼** buttons to select each option.

Balance : adjust the balance between left/right channels as required using the **◀** / **▶** buttons.

Bass : adjust the bass level as required using the **◀** / **▶** buttons.

Treble: adjust the treble level as required using the **◀** / **▶** buttons.

SRS WOW : Using **◀** / **▶**, activate (On) or deactivate (Off) SRS function.

SRS is an audio technology which improve the sound quality.

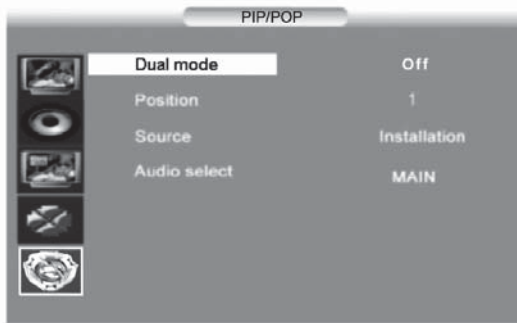
Reset: Return to default settings. Press **OK** button to return to default settings.

Press the **MENU** button to exit the **Sound** menu.

Note : this menu is removed automatically after a few seconds without using the remote control.

SRS WOW, SRS and  are registered trademarks of SRS Labs, Inc.
This product is designed using SRS technology with permission from SRS Labs, Inc.

PIP/POP ADJUSTMENTS



Press the **MENU** button to display the Main menu

Select the **PIP/POP** menu using the **▼** button.

Press the **OK** button to confirm.

Use the **▲** / **▼** buttons to select each option.

Dual mode: Using **◀** / **▶** buttons activate (PIP/POP) or deactivate (Off) the PIP function.

*Following options are available if you have selected **PIP** or **POP** at the **PIP** line.*

Position : use the **◀** / **▶** buttons to change the position of the PIP frame on the screen.

Source : to select video source of the PIP/POP, use the **◀** / **▶** buttons to select video source of the picture in the PIP/POP frame (TV or TV/VIDEO).

You can insert a TV picture while you are viewing an TV/VIDEO program or insert an TV/VIDEO picture while you are viewing a TV program.

*Video source can also be selected without the menu, using **TV/VIDEO** button on the remote control.*

Audio select : to select audio source: MAIN (Main picture) or SUB (PIP/POP picture), use the **◀** / **▶** buttons to select audio source.

Press the **MENU** button to exit the **PIP** menu.

Note : this menu is removed automatically after a few seconds without using the remote control.

CHANNELS SEARCH

Channels search involves selecting all the settings required to be able to search for and store all the channels you can receive.

Make sure that the television is switched on and follow all the steps in turn specified on this page.



Display the Main menu by pressing **MENU** button.

Select the **Installation** menu using the ∇ button. Press the **OK** button to confirm.

Use the $\blacktriangle$ / $\blacktriangledown$ buttons to select each option.

Automatic set-up



Select **Auto. installation** using the $\blacktriangledown$ button. Press the **OK** button to display the **Auto. installation** menu.

Use the $\blacktriangle$ / $\blacktriangledown$ buttons to select each option.

Country: Select the relevant country using the $\blacktriangleleft$ / $\blacktriangleright$ buttons.

*This is the country you are in, or the country whose channels you want to receive if you live near its borders. If you do not find your country, select **Auto**.*

Start: Press **OK** button to start channels searching

Manual set-up



Select **Man. installation** using the $\blacktriangledown$ button. Press the **OK** button to display the **Man. installation** menu.

Use the $\blacktriangle$ / $\blacktriangledown$ buttons to select each option.

Prog. number: Allows to select the program on which you want save a new channel or a program you want to modify.

- Using the $\blacktriangleleft$ / $\blacktriangleright$ buttons, select the program.

Frequency : Allows to enter a specific frequency for tuning.

- Using the $\blacktriangledown$ button, select the **Frequency** option and press the **OK** button.

Using the 0~9 digit and $\blacktriangleleft$ / $\blacktriangleright$ buttons, enter desire frequency and press the **OK** button.

Name : Allows to edit the channel name.

- Using the **▼** button, select the **Name** option.
- Using the **➤** button select the first letter field.
- By pressing the 0~9 digit repeatedly and using the following table select the first character.

Repeat the procedure for each letter field.

Press the **OK** button to confirm.

BUTTON	AVAILABLE CHARACTERS				
1	1	Space	—	•	!
2	2	A	B	C	@
3	3	D	E	F	#
4	4	G	H	I	\$
5	5	J	K	L	%
6	6	M	N	O	^
7	7	P	Q	R	&
8	8	S	T	U	V
9	9	W	X	Y	Z
0	0	*	#	(	)

Store prog.: Allows to **Save** a channel on a new Program N°, to **Insert** a channel on an already existing Program No (the channel previously saved on this program n° will be shifted to the upper program n°) or to **Delete** the Program No.

- Once a channel has been found and named, use the **▼** button to select the **Store prog.** option.
- Using the **◀ / ▶** buttons, select **Save**, **Insert** or **Delete** and press the **OK** button to confirm.

Swap prog.: Allows to swap 2 programme numbers.

- Using the **▲ / ▼** buttons select the **Prog. number** option.
- Using the **◀ / ▶** buttons, select the program to be moved.
- Using the **▼** button, select the **Swap prog.** option.
- Using the **➤** button, enter the swap function.
- Using the 0~9 digit, enter the new programme number (3 digits).
- Press the **OK** button to confirm, the programme numbers are swapped.

Norm : Allows to change the audio norm.

- Using the **▼** button, select the **Norm** option.
- Using the **◀ / ▶** buttons, select the norm.

Note: the following norms are available to choose from: **I** for the UK and Ireland, **L/LP** for France and Luxembourg, **D/K** for Eastern Europe, the Middle East and Asia, **B/G** for Western Europe, Australia and New Zealand.

Skip : Allows to skip a channel.

- Using the **▼** button, select the **Skip** option.
- Using the **◀ / ▶** buttons, select **On**, the channel will be skip.

Skip: Allows to skip next channel when it is on, and Using the **◀ / ▶** buttons, select store prog:ok.

Repeat this procedure to skip other channels.

Fine tuning : If the picture is not clear, you can adjust the setting.

- Using the ∇ button, select the **Fine Tuning** option.
- Use the $\triangleleft / \triangleright$ buttons to find the good tuning point.

Man. search : Allows to launch a manual search.

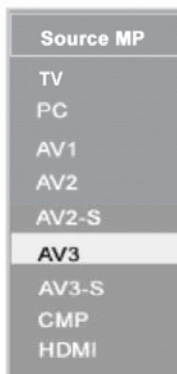
- Using the ∇ button, select the **Man. search** option.
- Using the $\triangleleft / \triangleright$ buttons, start the search in decreasing or increasing order.

The menu is replaced by a sub-menu showing the progression of the search.

- The search will stop at the first channel found, **Man. installation** menu is displayed again (within 3 seconds).
- If you wish to memorise the channel, select Store Program option using $\blacktriangle$ button and proceed as indicated in previous page. Otherwise, continue the search using $\triangleleft / \triangleright$ buttons.

INPUT SELECTION

To select TV/VIDEO source:

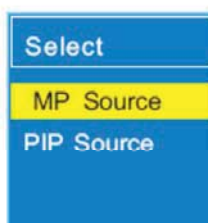


To select desire input source, press the **TV/VIDEO** button to display the selection menu.

Use the $\blacktriangle / \blacktriangledown$ buttons to select each input sources.

Press the **OK** button to display the desire input source.

To select input source in PIP/POP mode



To select desire input source in PIP/POP mode, press the **TV/VIDEO** button to display the selection menu.

Use the $\blacktriangle / \blacktriangledown$ buttons to select either **MP source** (to modify Main picture source) or **PIP source** (to modify PIP source).

Press the **OK** button to display the selection menu in PIP mode .

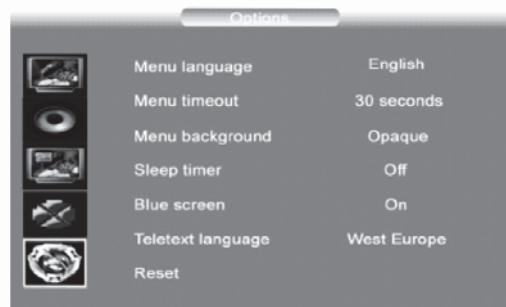


Use the $\blacktriangle / \blacktriangledown$ buttons to select the input source.

Press the **OK** button to display the desire input source.

SETUP

This menu allows to select the language for the menus as well as the colour of the screen when there is no video input. It allows also to set an automatic shut-off time.



Display the Main menu by pressing **MENU** button.

Select the **Options** menu using the ∇ button.

Press the **OK** button to confirm

Use the $\blacktriangle$ / $\blacktriangledown$ buttons to select each option.

Menu language : To select the language for the menus.

Menu timeout : To set an automatic shut-off time for Menu. Using $\blacktriangleleft$ / $\blacktriangleright$ buttons select 5 > 10 > 20 > 30 > 40 > 50 seconds.

Menu background : Select Opaque or Transparent type.

Sleep Timer : To set an automatic shut-off time. Using $\blacktriangleleft$ / $\blacktriangleright$ buttons select Off > 15 > 30 > 45 > 60 > 90 > 120 minutes.

Once the time is ended, TV set automatically switch on standby mode .

If you turn the TV on standby mode after setting the sleep timer, setting will be erased. Set it again.

Blue Screen : To have a blue screen when there is no video input or when the RF signal is very bad.

Using the $\blacktriangleleft$ / $\blacktriangleright$ buttons select **On**.

Select **Off** if you do not want the blue screen.

Teletext language: Using $\blacktriangleleft$ / $\blacktriangleright$ buttons, select the character set that will be used for Teletext on this channel.

The following character sets are available: **West Europe**, **East Europe**, **Cyrillic** (Russia), **Greek**, **Arabic**, **Persian**..

The character set determines how characters are displayed on Teletext screen.

Reset : Return to default settings. Press the **OK** button to return to default settings.

Press the **MENU** button to exit the **Options** menu.

Note : this menu is removed automatically after a few seconds without using the remote control.

PC MODE

In PC mode, main menu is different from the one in TV mode.
Please select PC as main input.

PC SETTINGS



Display the Main menu by pressing **MENU** button.

Select the **PC** menu using the **▼** button.

Press the **OK** button to confirm.

Use the **▲** / **▼** buttons to select each option.

H. position : use the **◀** / **▶** buttons to move the picture horizontally on the screen.

V. position : use the **◀** / **▶** buttons to move the picture vertically on the screen.

Focus : Adjust as required to improve the picture quality.

Auto adjust: this function is used to automatically adjust the VGA input. Press the **◀** / **▶** buttons to start the adjustment process.

Tone: to adjust the colour temperature at your convenience.

Reset : Return to default settings. Press **OK** button to return to default settings.

2.3 LCD TV Description

The LCD TV will contain a main board, a power board, an IR board, a key board, an IO board and an audio 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 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) Composite Connector
- (G) S-Video Connector
- (H) HDMI Connector
- (I) SCART Connector

6. White Balance, Luminance Adjustment

Instrument List:

Chroma 2225 、VG848 、Chroma 7120

Adjustment Process:

① Instrument Orientation

Connect LCD-TV 、Chroma 2225 and VG848, and set Timing137 、Pattern1 on Chroma2225. Chroma7120's lens must aim at the center of Pattern1 showed on the LCD-TV's screen. The distance of Chroma7120's lens and the center of screen is $20\text{cm} \pm 1\text{cm}$.

② ENTER FACTORY

After orientation OK, set Pattern104(black picture) on Chroma2225.Press 1-9-9-9 on remote to enter the menu on top left of the screen(refer to fig.1,this menu will show slowly), then from UP key(Δ) option to enter the menu (refer to fig.2).



Fig.1



Fig.2



Fig.3

③ PC Mode White Balance Adjustment

Begin to adjust the W/B (White Balance) you should select the Color Temp and enter the son menu from father menu "Scaler" refer to Fig.2 and Fig.3.

Set channel color temperature value and brightness on Chroma7120. Set 303 319 350(7200K) on CH1 and 278 289 350(10300K) on CH1. Press MODE key on Chroma7120 to switch xyY mode.

Use black sleeve on Chroma7120's lens to ensure no external ray. Set Pattern104 on Chroma2225. Adjust SCALAR RB、GB、BB value to make sure the brightness is the lowest, then set Pattern105 on Chroma2225 and

adjust RG、GG、BG value to make the value displaying on Chroma7120 is about 100. Press "Save" to save. Switch to CH1, select 10300K Temp and then adjust it according to above method. Press "Save" to save.

④ AV MODE W/B ADJUSTMENT

Begin to adjust AV/COMPONENT YPbPr(480I/576I)/COMPONENT T-scaler(480P/720P/1080I) /HDMI W/B, their Color Temp modes refer to Fig.4/5/6/7

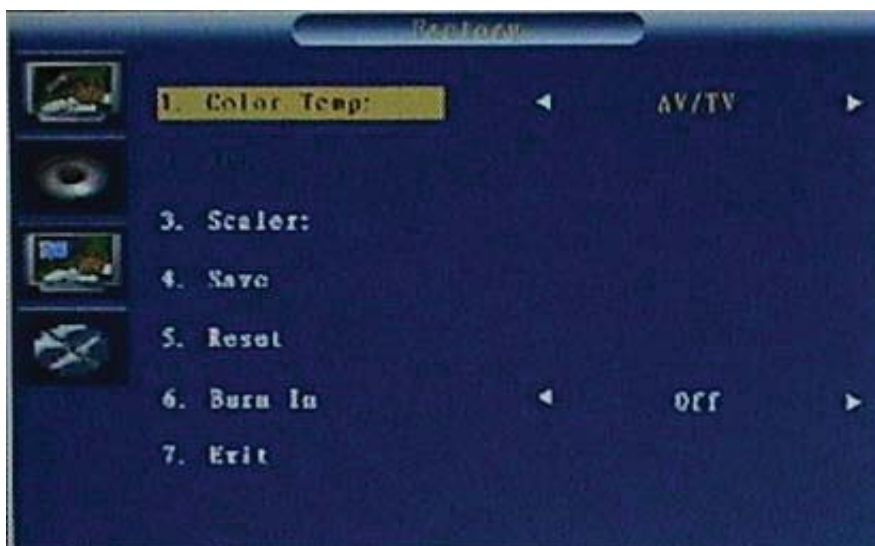


Fig.4



Fig.5



Fig.6



Fig.7

1.OFFSET(26%) W/B ADJUSTMENT(This is only for AV/TV) : Change the input signal to 26% white level performance .Set the CHROMA7120 to 288 301 30 and MODE_RGB ,then adjust the TV's RB 、GB 、BB to make CHROMA7120 display to 100.

2.W/B ADJUSTMENT (100%): Change the input signal to 100% white level performance. Set the CHROMA7120 to 288 301 415 and MODE_RGB , then adjust the TV's RG 、GG 、BG to make CHROMA7120 display to 100.

3.Save the adjustment. Then change the input signal to 26% white level performance. Set the CHROMA7120 to MODE_RGB and CH1, check whether the color temperature was in SPEC (color spec is $x \pm 30; y \pm 30; Y > 370$). In this time, most of the TV is in SPEC, while the others should be adjusted twice or more to make its color temperature in

SPEC.

4.CHECK CUT OFF: Change the input signal to 0% white level performance. Firstly, press the "brightness" from 50% to 0% and make sure the Y is not changed. Secondly, change the input signal to 32 GRAYS performance and make sure the grays is not connected at any position.(as the 5% level is between the first gray and the second gray.

$$5\% = (1/32) * 1.6^\circ$$

1.The white color temperature in PC Mode should be app.7200K(CIE1931: $x=0.303$, $y=0.319$, $Y>350$),
10300K(CIE1931 : $x= 0.278$, $y= 0.289$, $Y>350$).

2.The white color temperature in AV/TV Mode should be app. 10000K(CIE1931: $x=0.280\pm30$, $Y=0.290\pm30$,
 $Y>370$). In this Mode,we should check the black balance,which level is 26% of the white level(1.0Vpp).

3. The white color temperature in HDTV/HDMI Mode should be app. 10000K(CIE1931: $x=0.280\pm30$,
 $Y=0.290\pm30$, $Y>370$)

Those three channels should be factory preset and not be possible to be modified.

The measurement position is the center of the display(5) at brightness set to center and

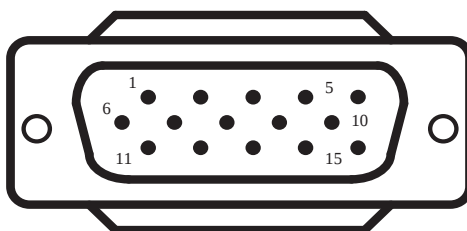
Contrast set to max. . The tolerance of the color coordinates should be less than ± 0.030

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 Pin!
2	Green Video	10	Sync Ground
3	Blue Video	11	Not Used
4	Not Used	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		

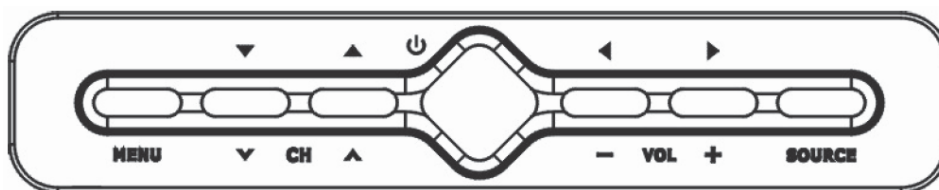
3. S-Video (Y / C) : TV rear side : 4 pin Mini-DIN female
 Composite Video: TV rear side : RCA female (Red / Blue / Green)
 TV: TV rear side : IEC type female
 AV : TV rear side : RCA female (Yellow)
 SCART: TV rear side :SCART female
 PC Input audio: 3.5mm Stereo female
 Audio Input for AV,S-Video, Component Video : RCA female (Red / White)
 Headphone 3.5mm female
 Audio Output (to external speaker)
4. 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.
5. 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.
6. This TV (with PC function) has power saving function following the VESA DPMS. Be sure to connect the signal cable to the PC.
7. If your TV requires service, it must be returned with the power cord.

4.2 Factory Preset Display Modes:

Analog RGB Signal Timing

Dots × Lines	Vertical	Horizontal	Sync Polarity		Presence		Screen Mode	
	Frequency (Hz)	Frequency (KHz)	Horizontal	Vertical	Horizontal	Vertical	Normal (4:3)	FULL (16:9)
720×400	70.08	31.47	NEG	POS	YES	YES	YES	YES
640×480	60.00	31.50	NEG	NEG	YES	YES	YES	YES
	75.00	37.50	NEG	NEG	YES	YES	YES	YES
	72.81	37.86	NEG	NEG	YES	YES	YES	YES
800×600	60.37	37.90	NEG	NEG	YES	YES	YES	YES
	75.00	46.90	NEG	NEG	YES	YES	YES	YES
	72.19	48.08	NEG	NEG	YES	YES	YES	YES
1024×768	60.00	48.40	YES	YES	YES	YES	YES	YES
1280×768	60.00	47.7	YES	YES	YES	YES	YES	YES

5. Front Panel Control Knobs



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

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

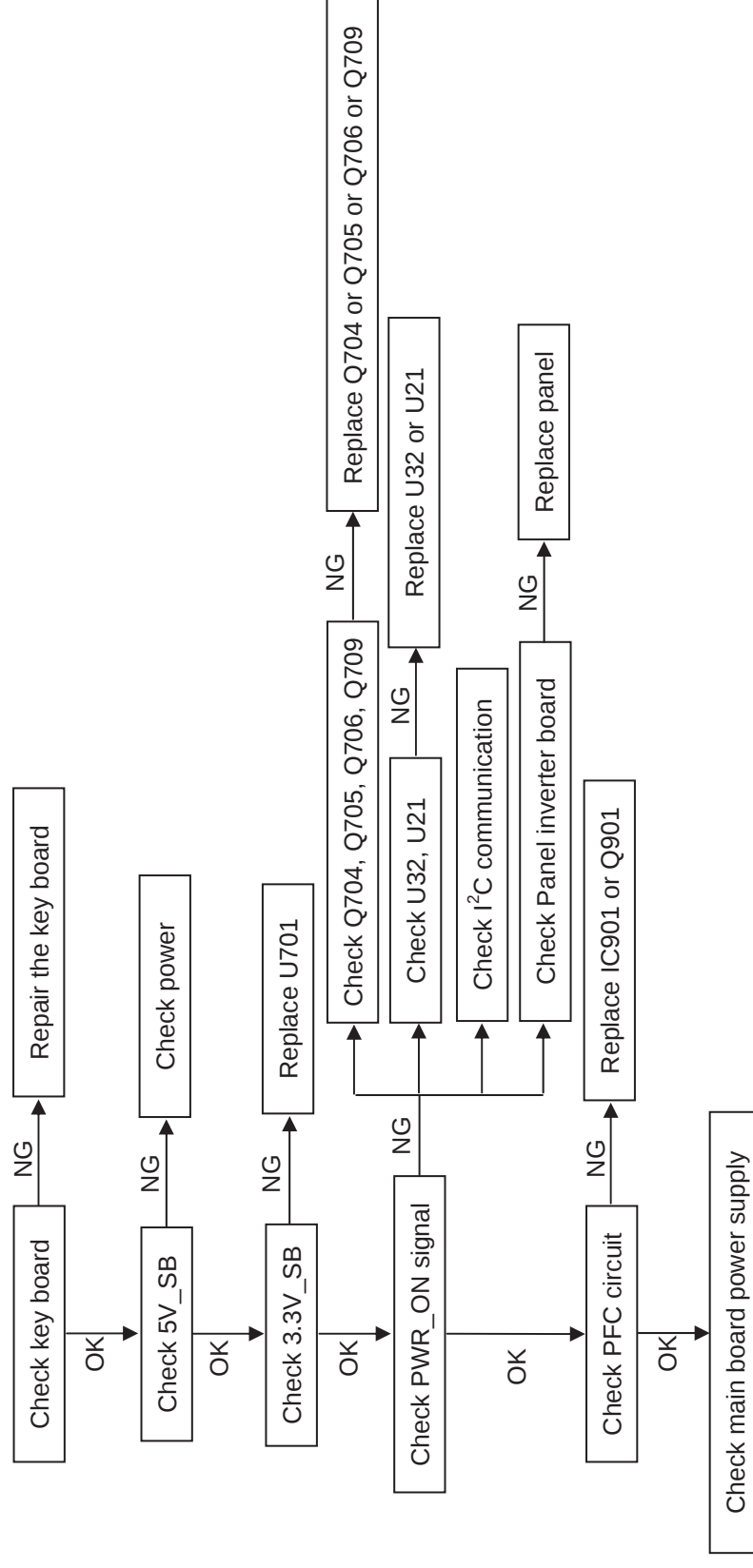
CH (▲/▼) : Press to perform select function and channel.

Vol (- / +) : Press to confirm your function selection and adjustment volume.

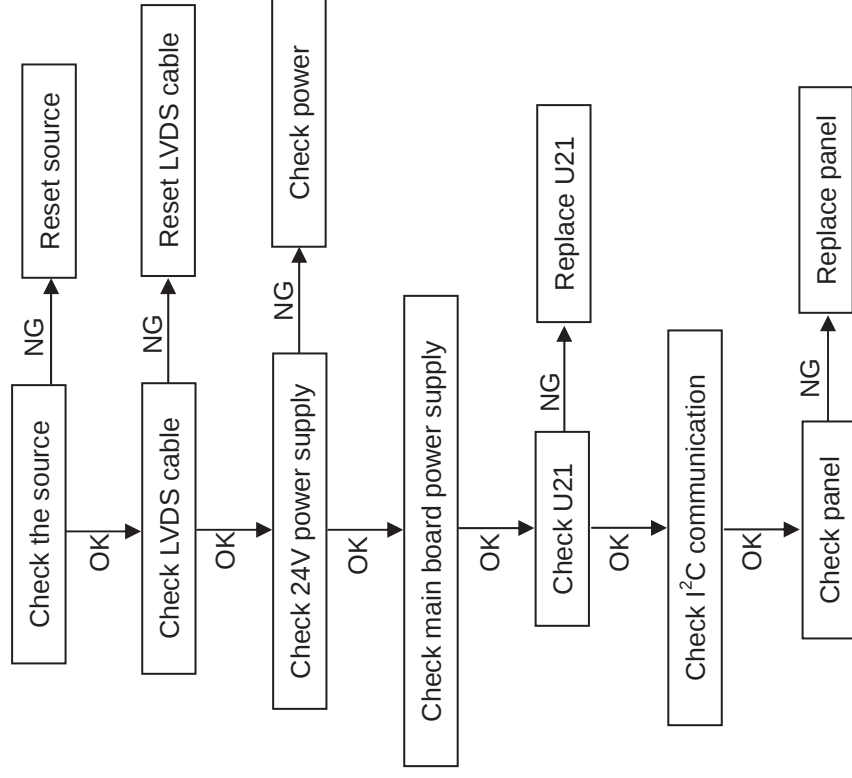
Source Key : Press to select your input source.

6. Repair Flow Chart

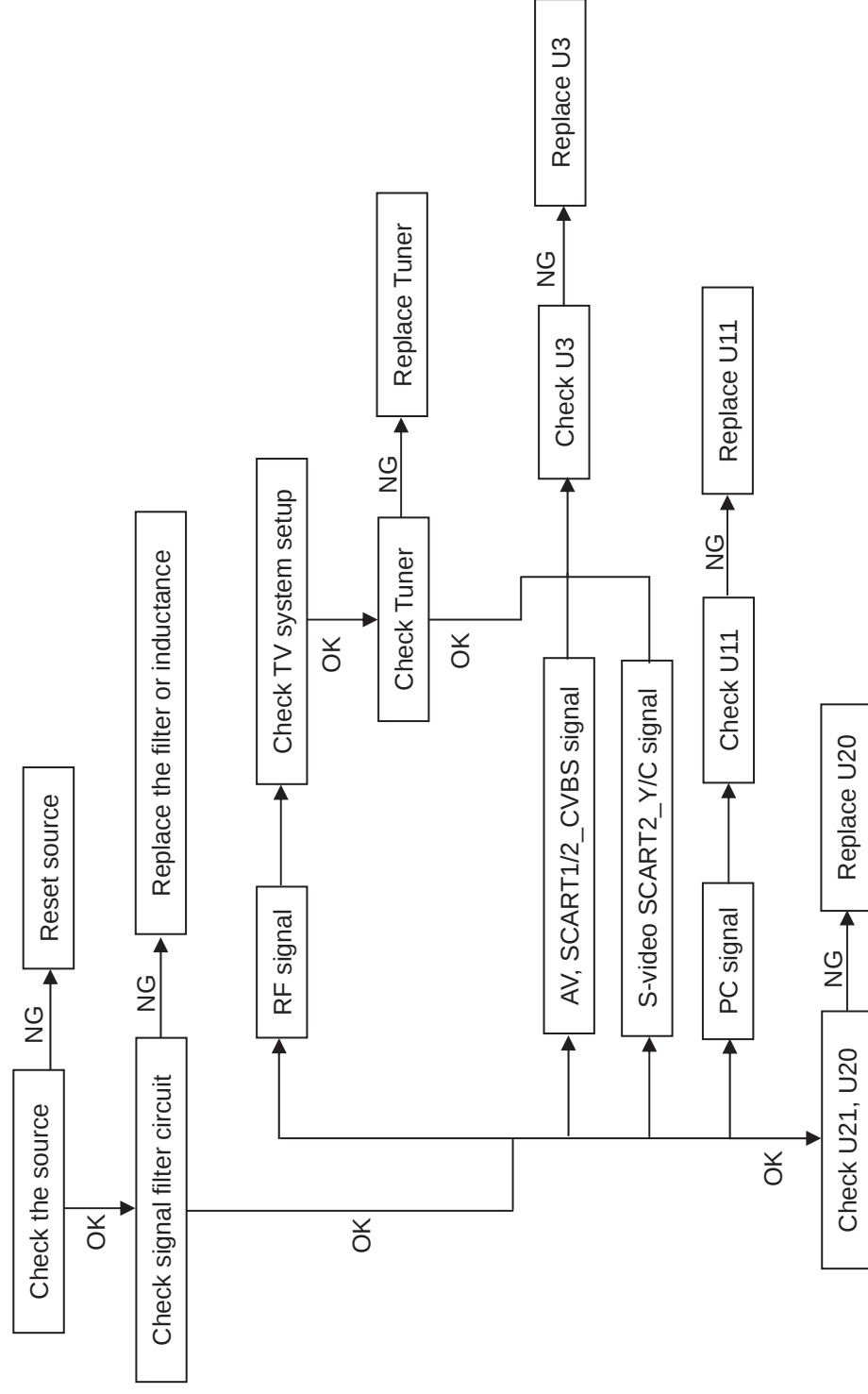
1. Can not start (LED indicator yellow)



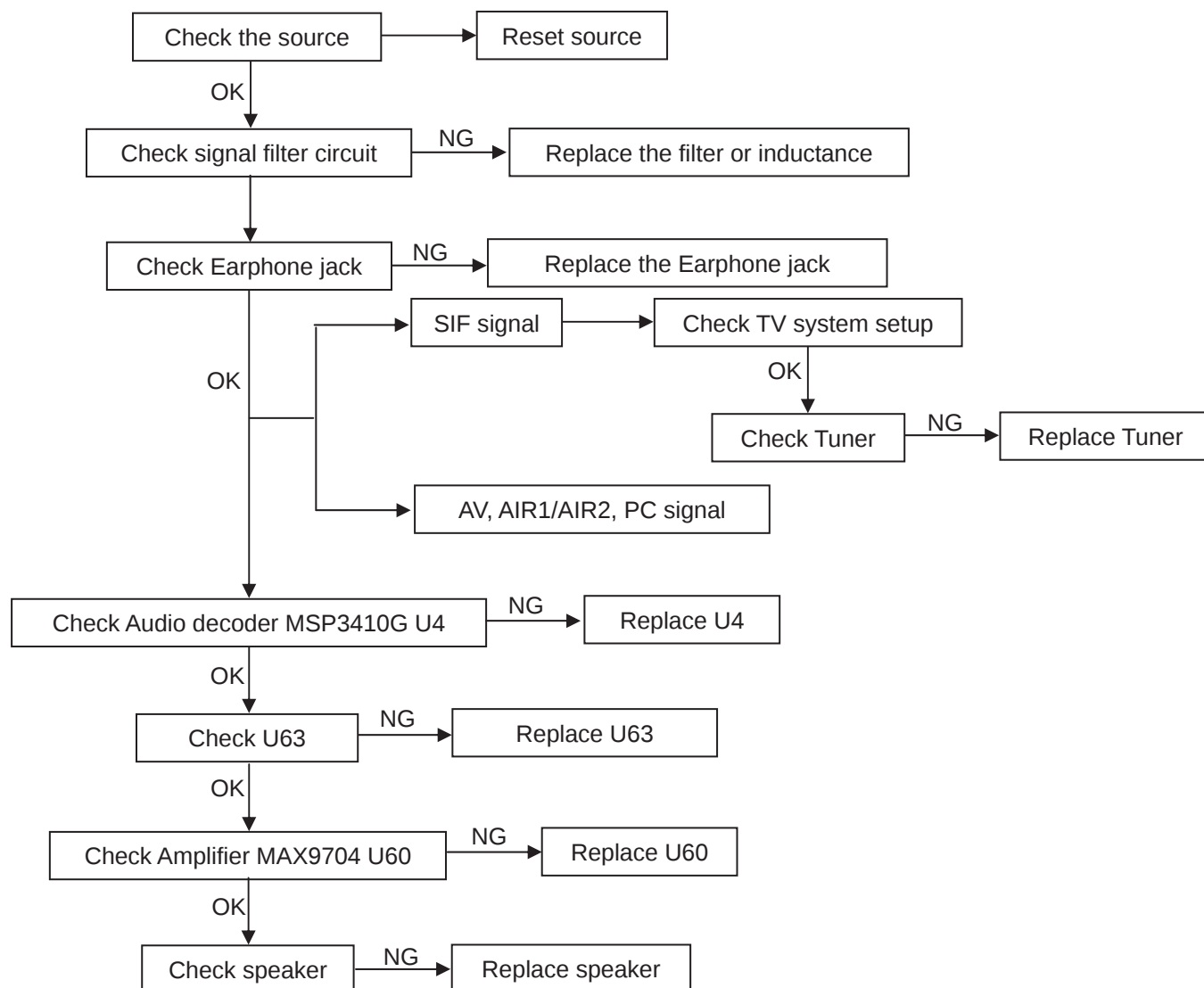
2. No display (LED indicator green)

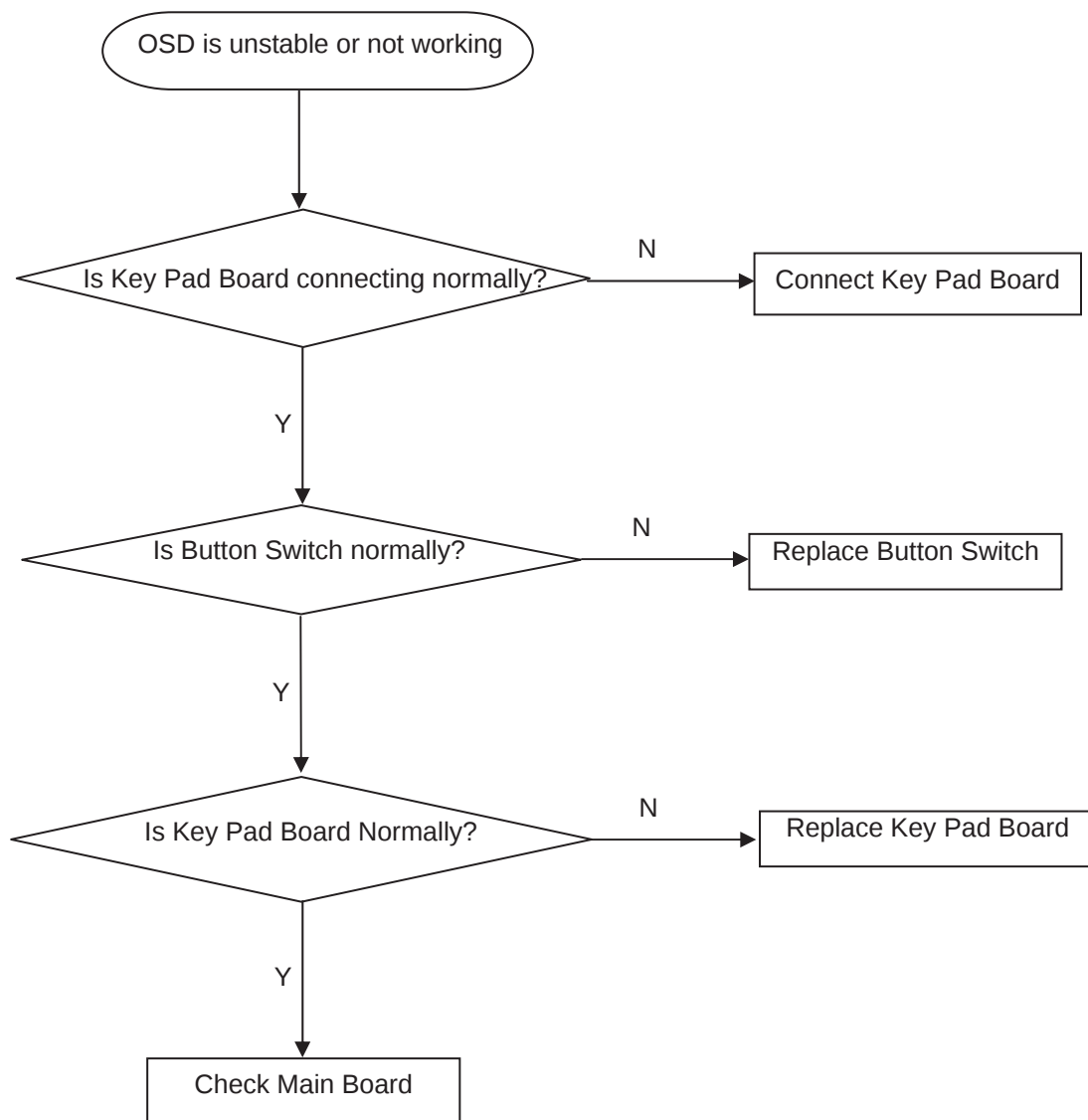


3. Abnormal display

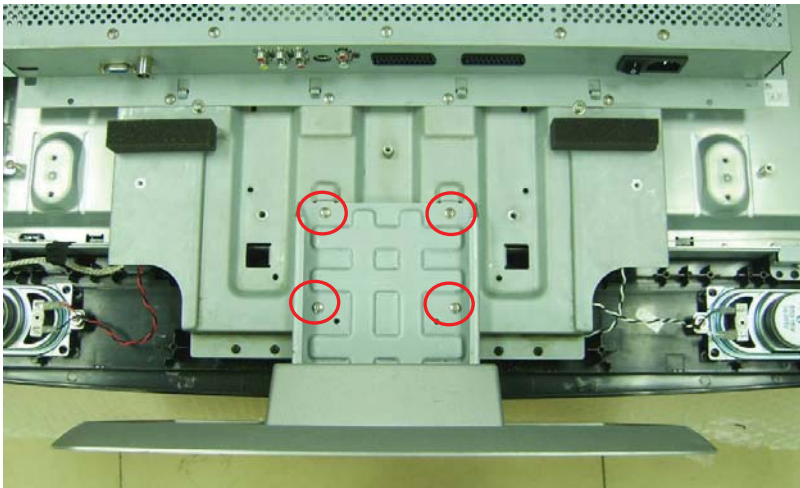


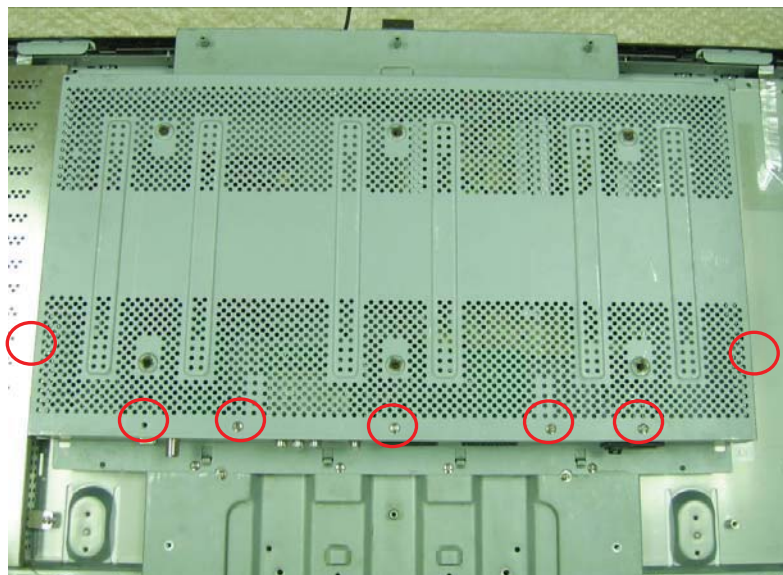
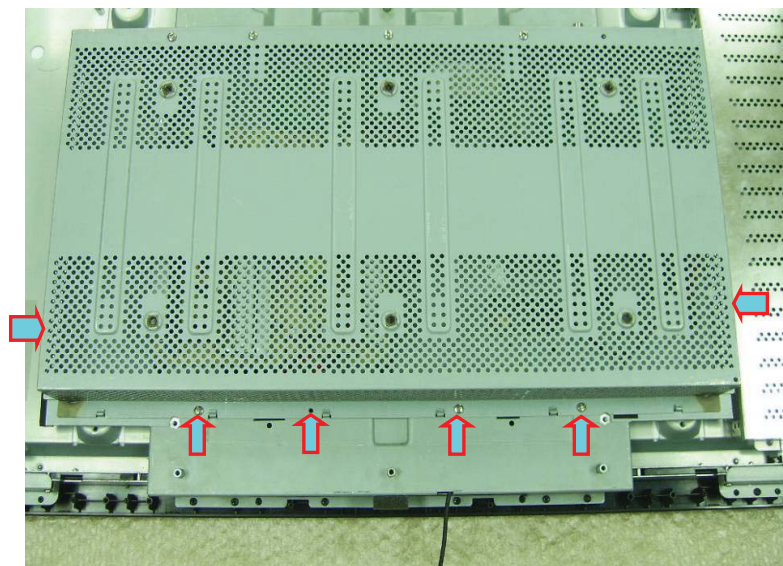
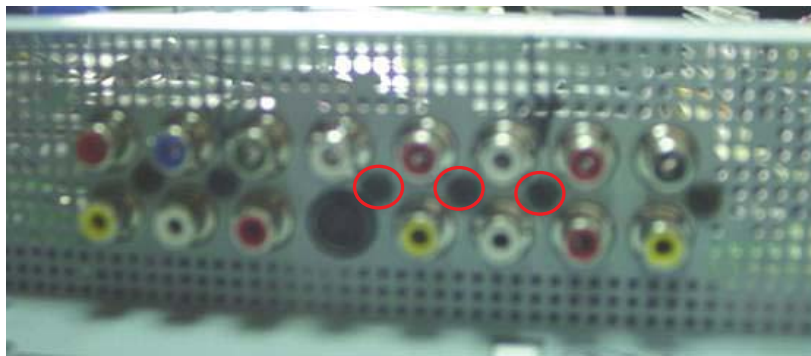
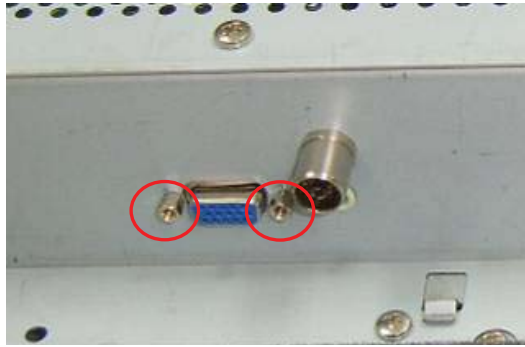
4. No sound





7. Mechanical Instructions

Step	Figure	Description
Preparation		Lay the LCD-TV on a flat, soft and clean surface.
Remove the rear cover		Remove the screws marked in red to remove the rear cover.
Remove the stand		Remove the four screws marked in red to remove the stand.



Remove
the shield.

Remove the
eighteen
screws marked
to remove the
shield.

Remove the keypad.



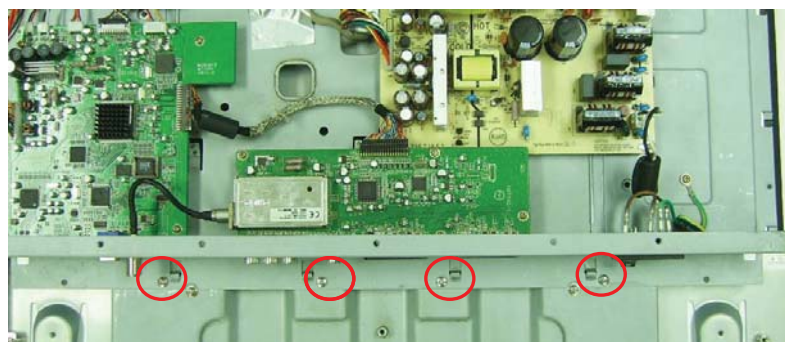
Remove the two screws to remove the keypad.

Remove speakers



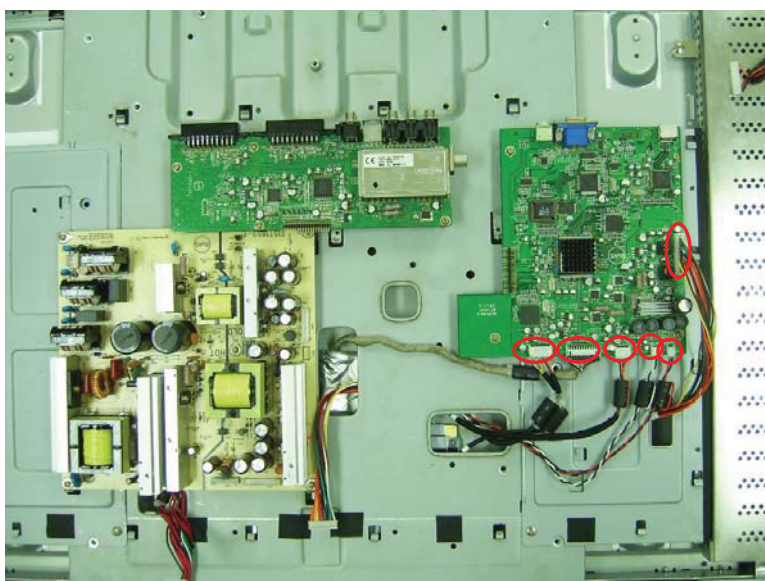
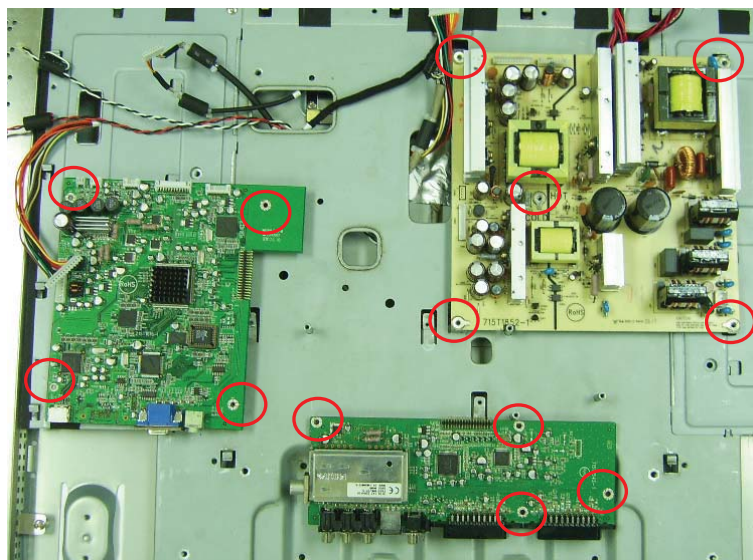
Remove the four screws to remove the speakers.

Remove AV iron.



Remove the four screws to remove AV iron

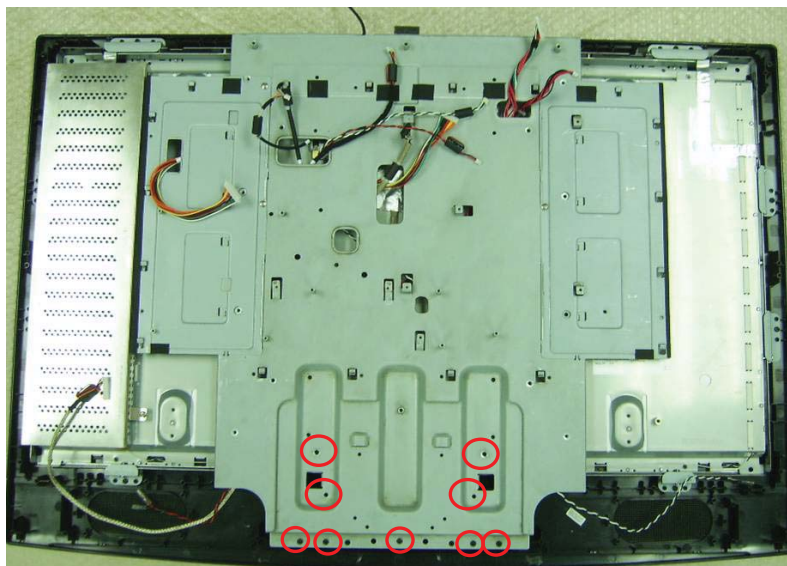
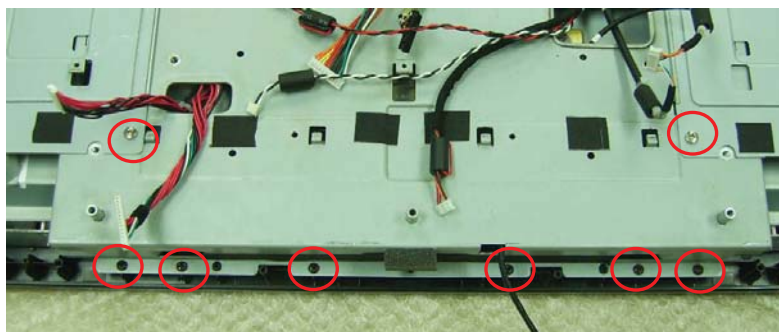
Remove
the main
board, the
IO board
and the
power
board



1.Remove the
screws marked
in red .

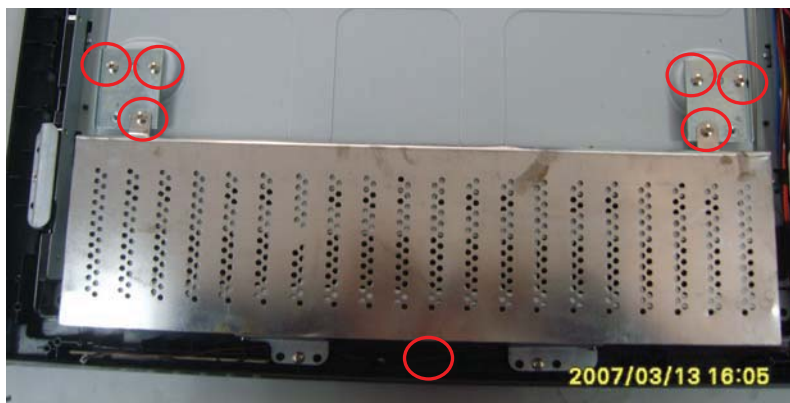
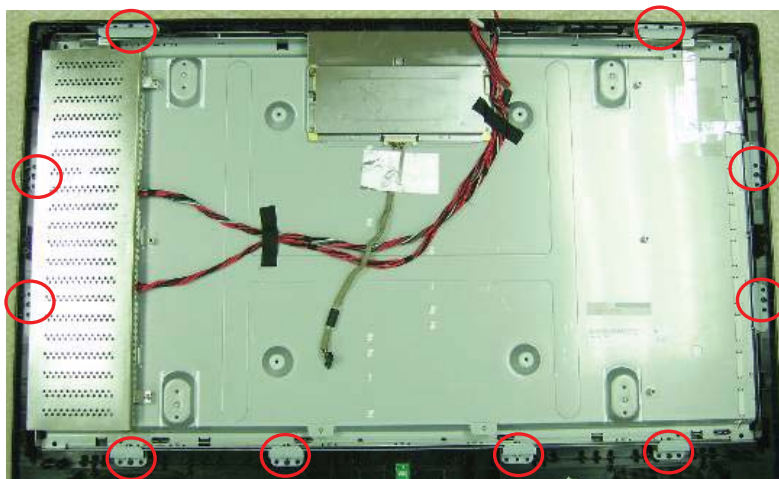
2.Disconnect
the connector
and remove
the IO board ,
the power
board and the
main board.

Remove
the main
frame



Remove the
screws marked
in red to
remove the
main frame.

Remove
the front
panel



1.Remove the
screws marked
in red to
remove the
front panel.

The end

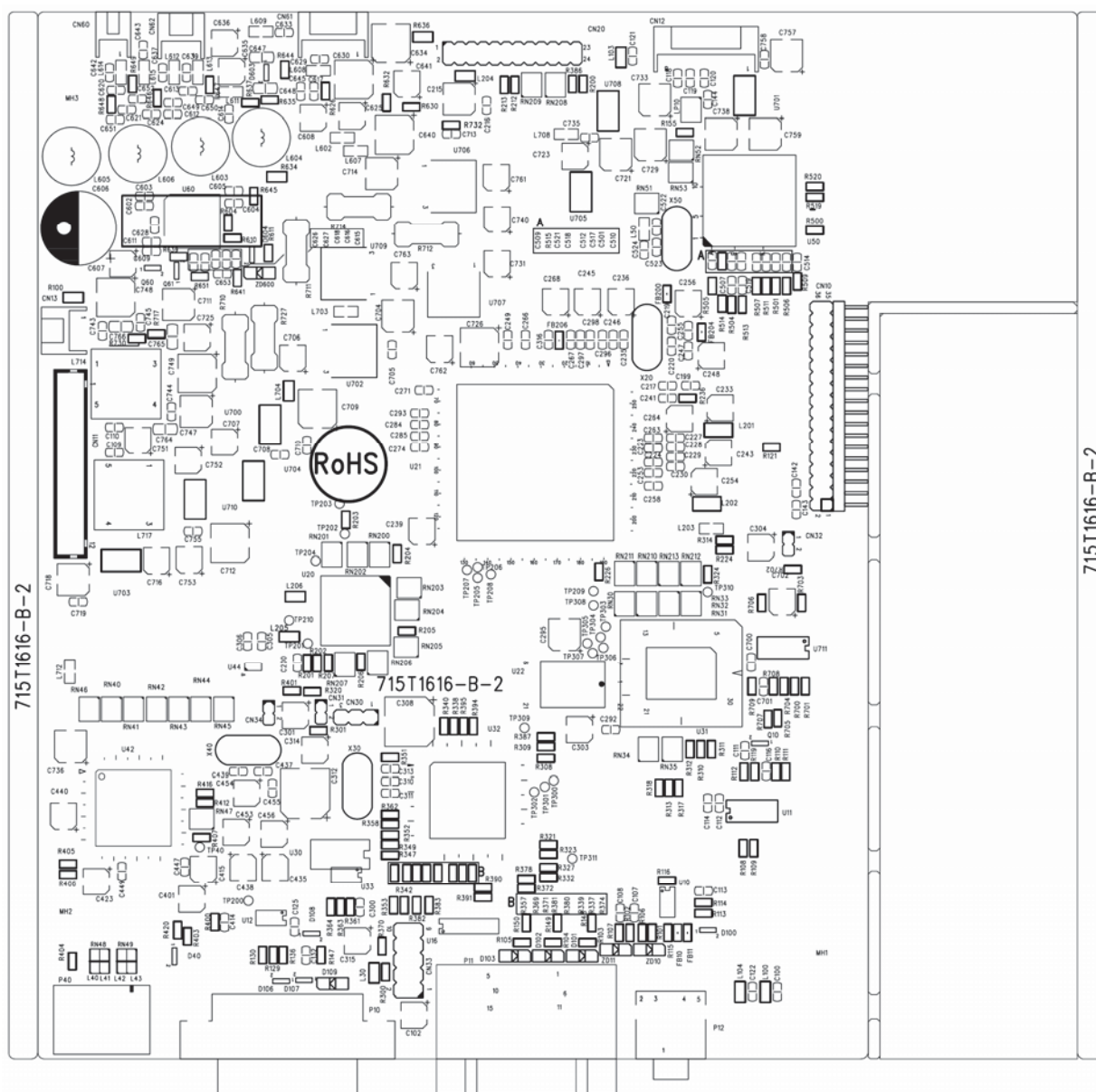


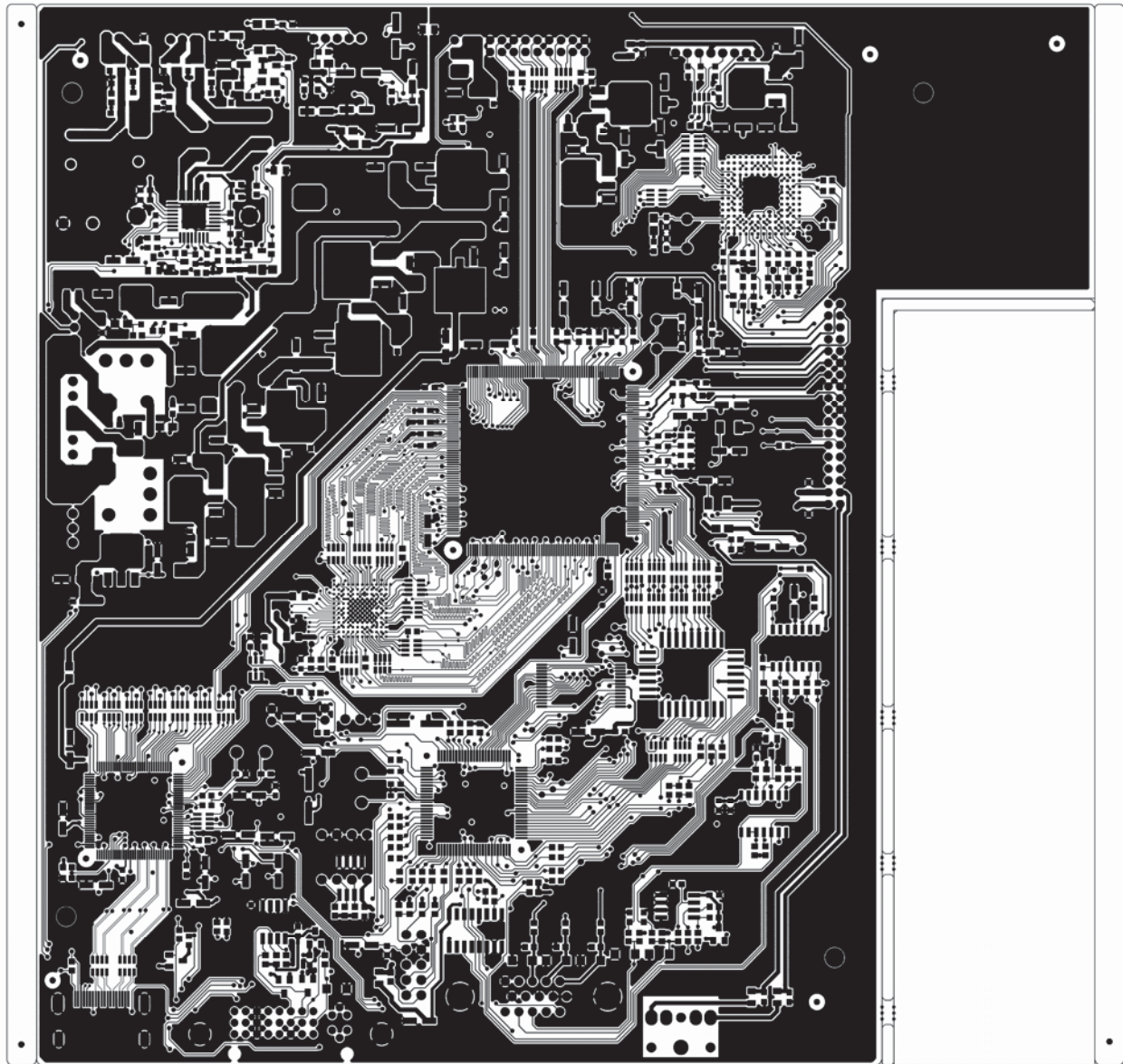
N/A

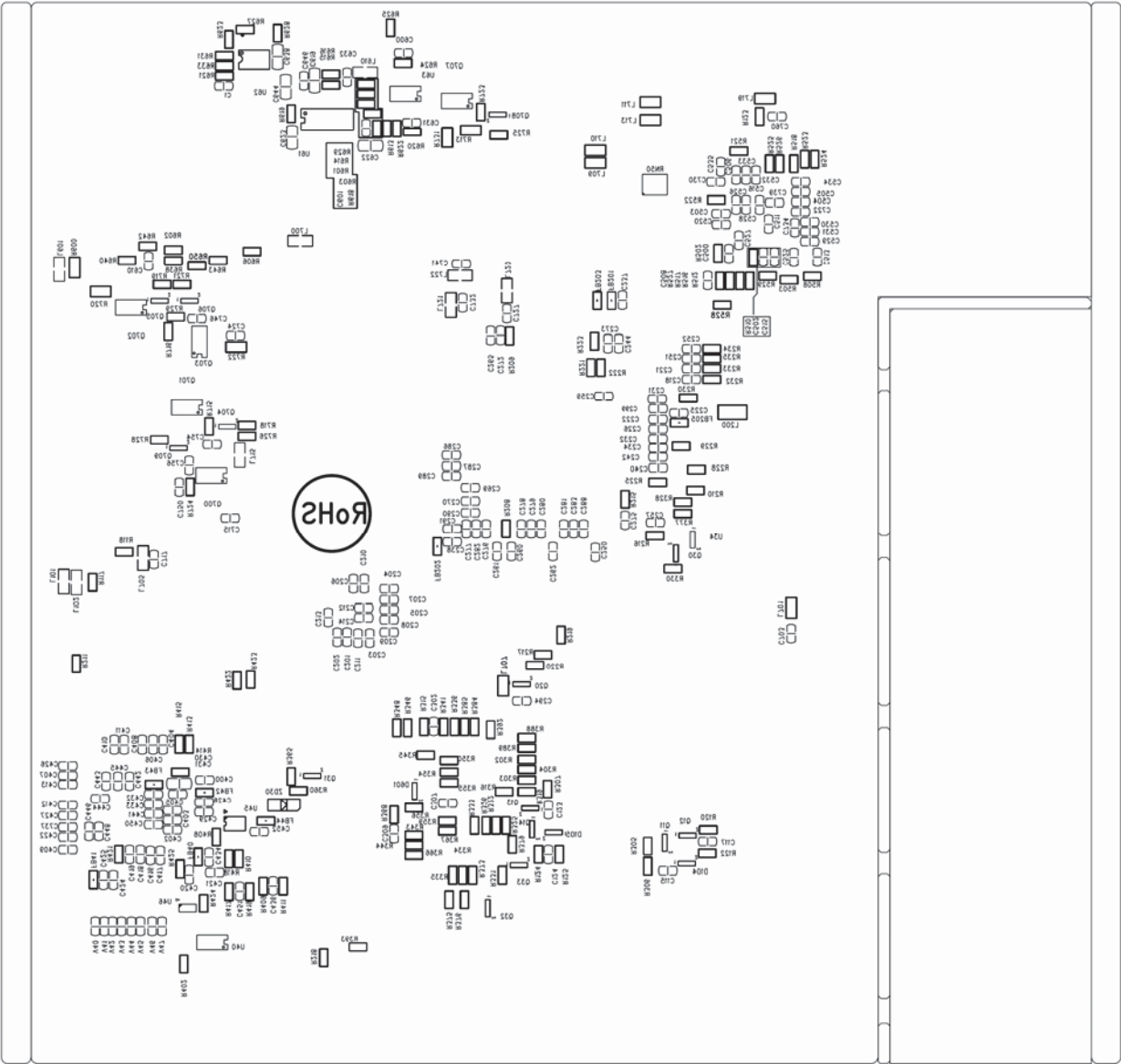
8. PCB Layout

8.1 Main Board

715T1616-B-2

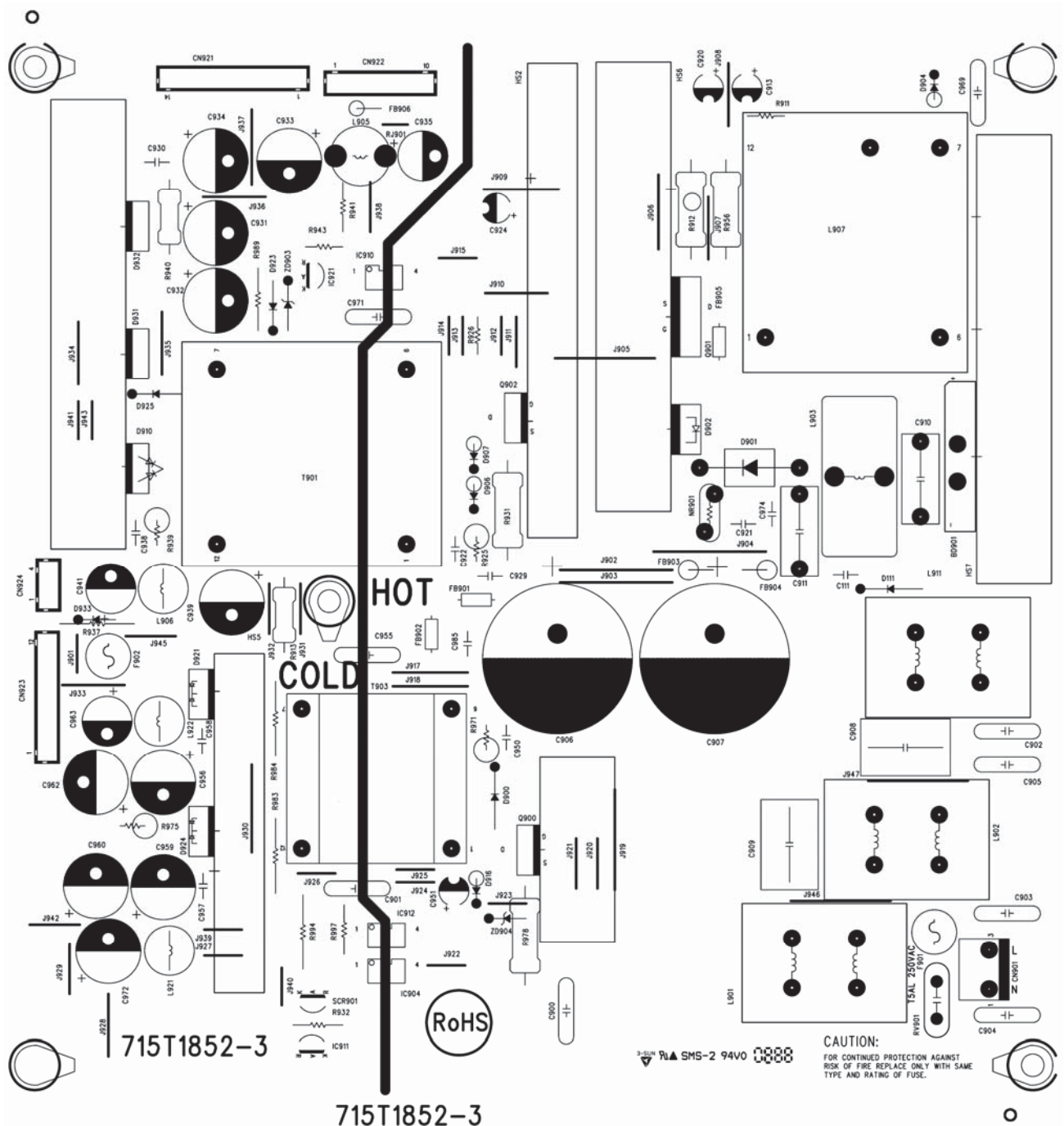


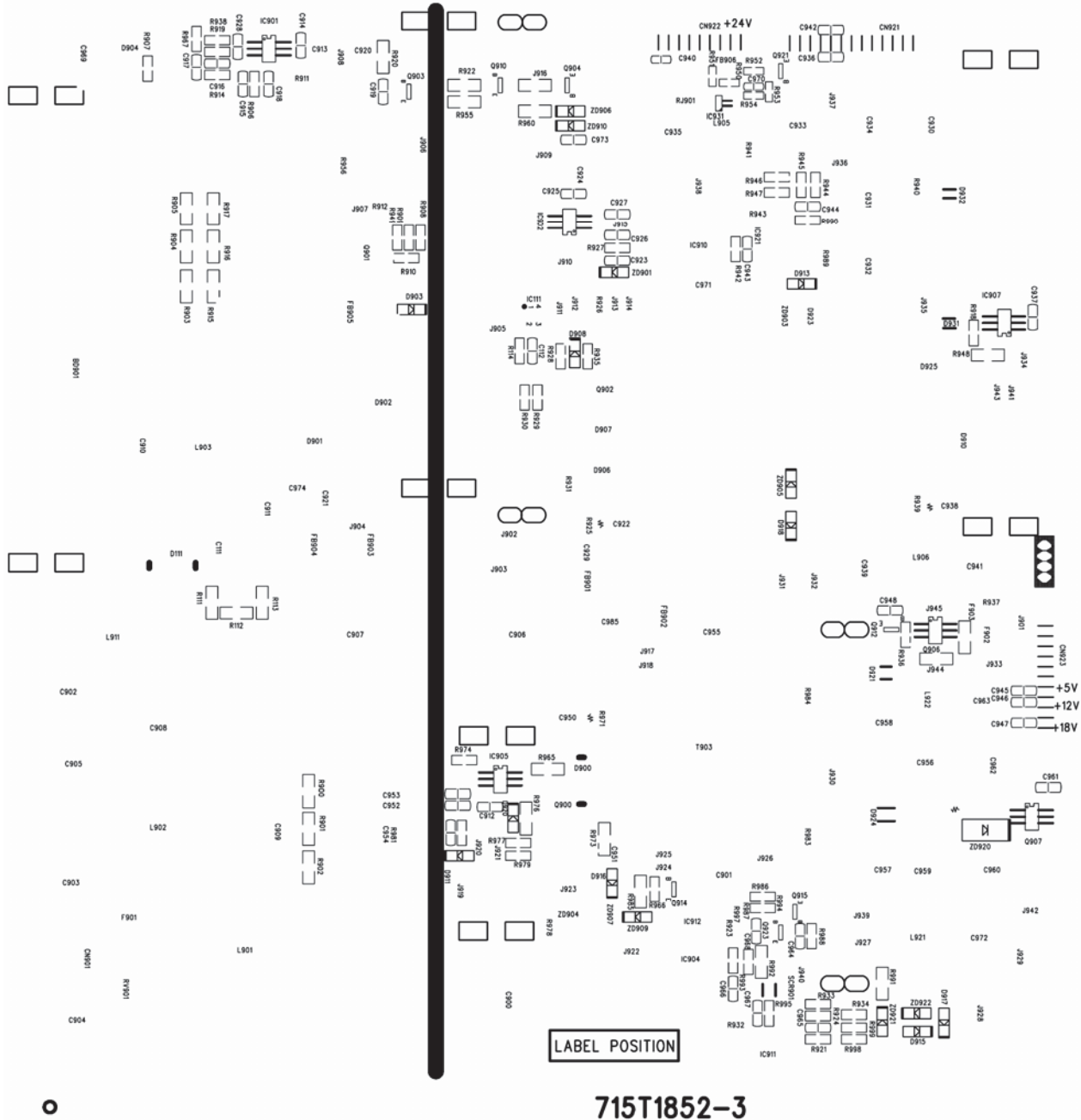


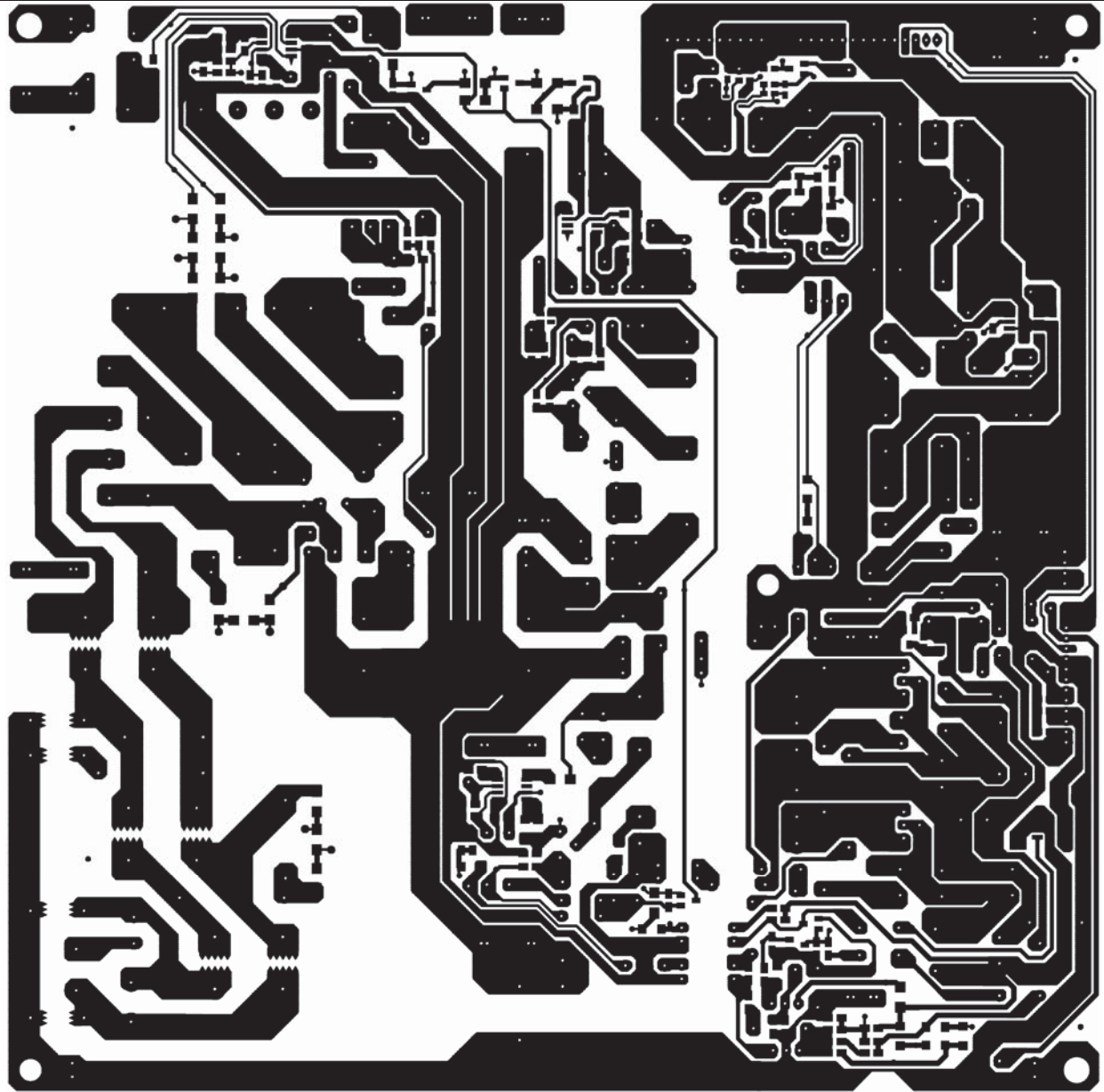


37" LCD TV
8.2 Power Board
715T1852-3

AOC L37W551B

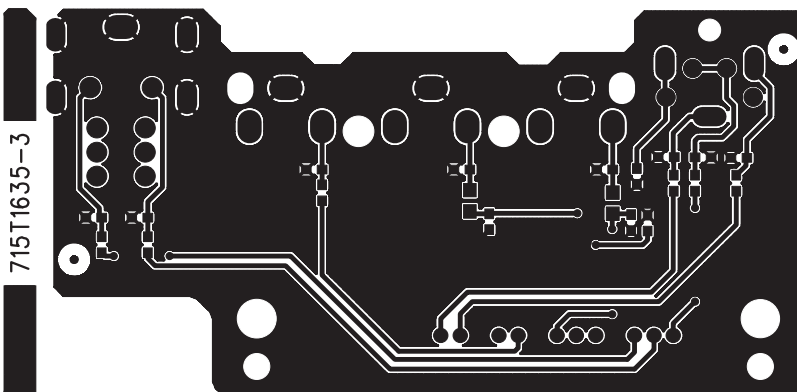
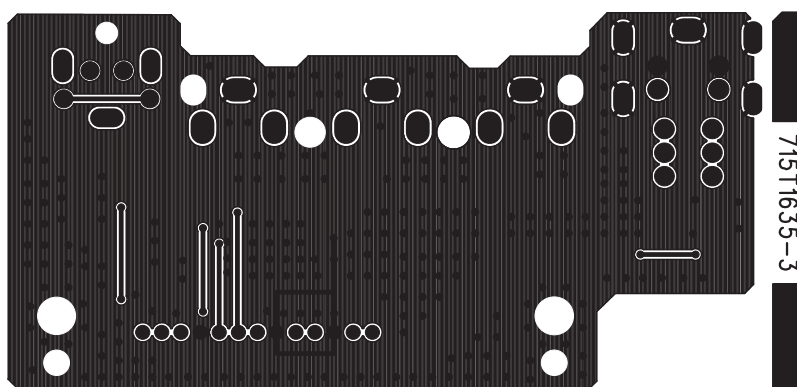
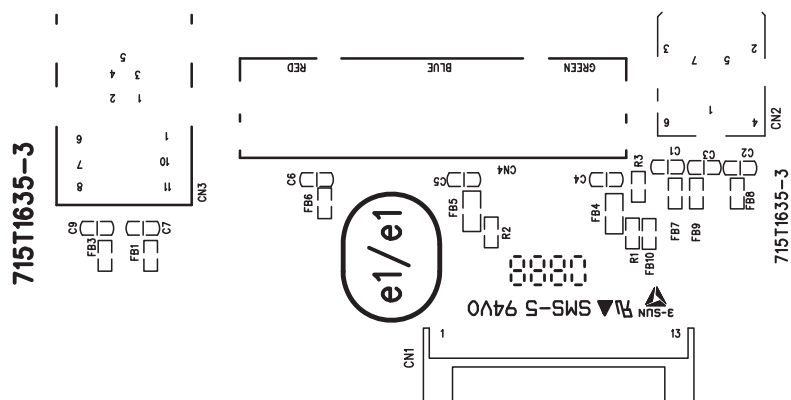


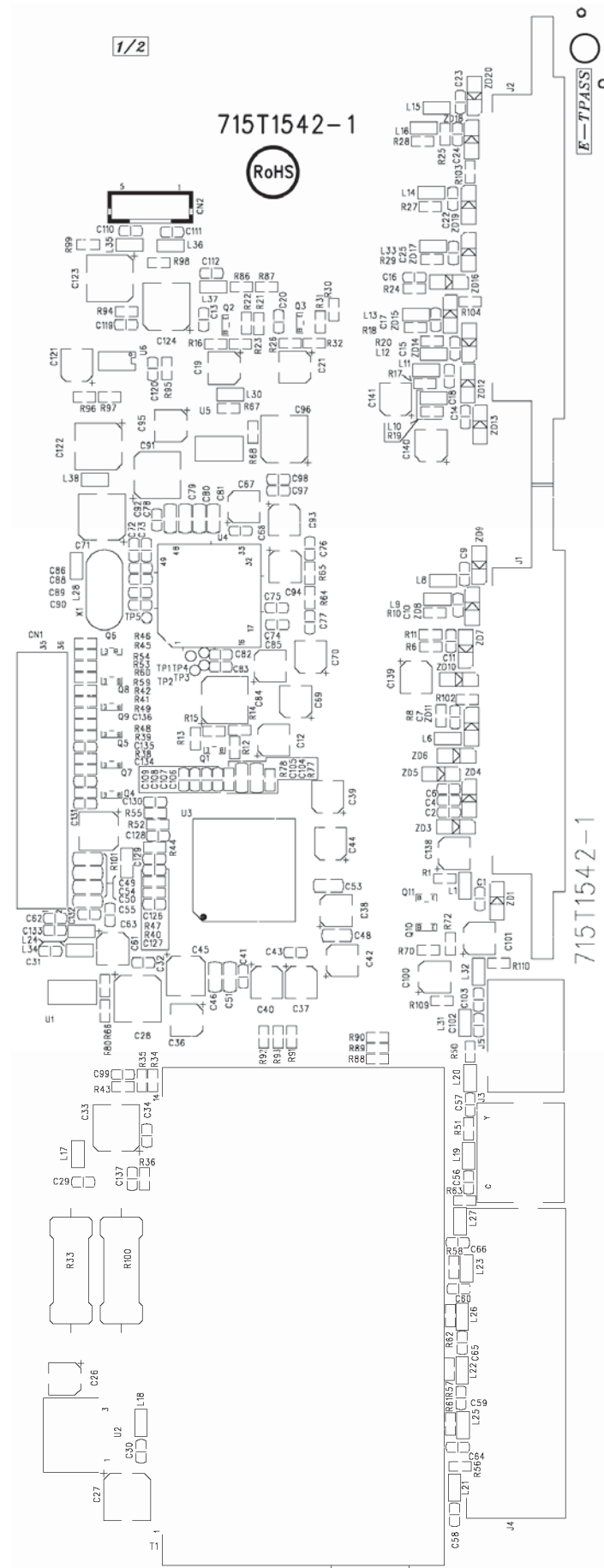


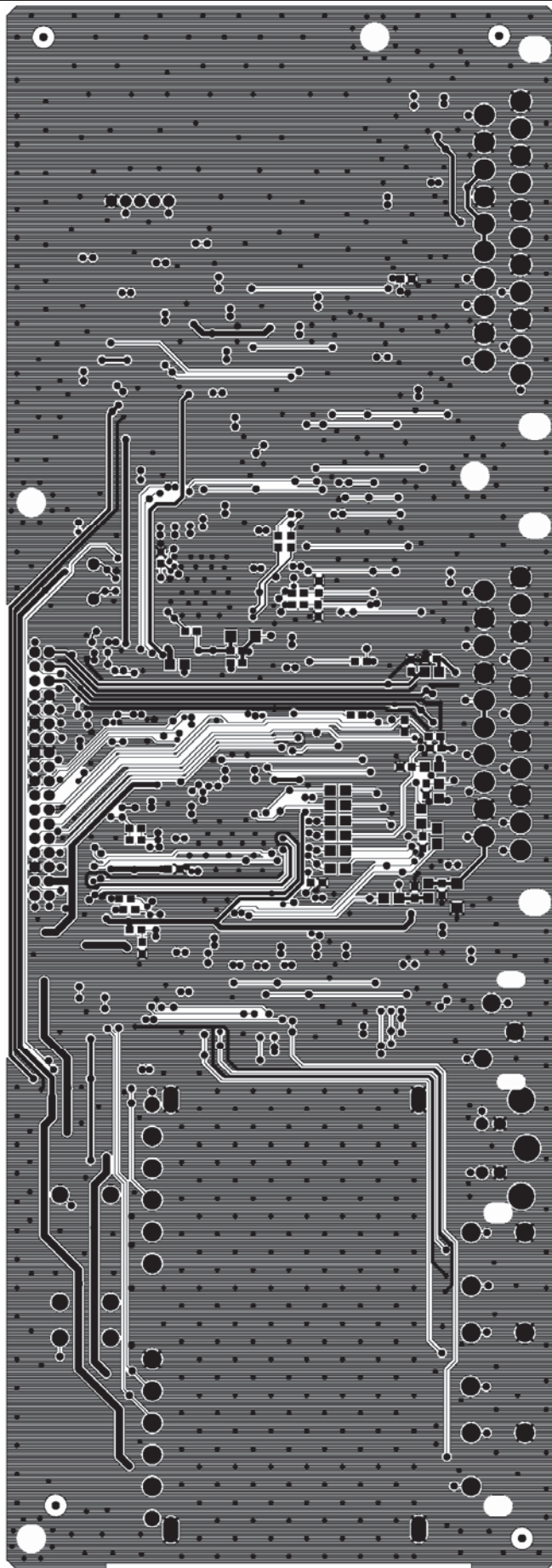


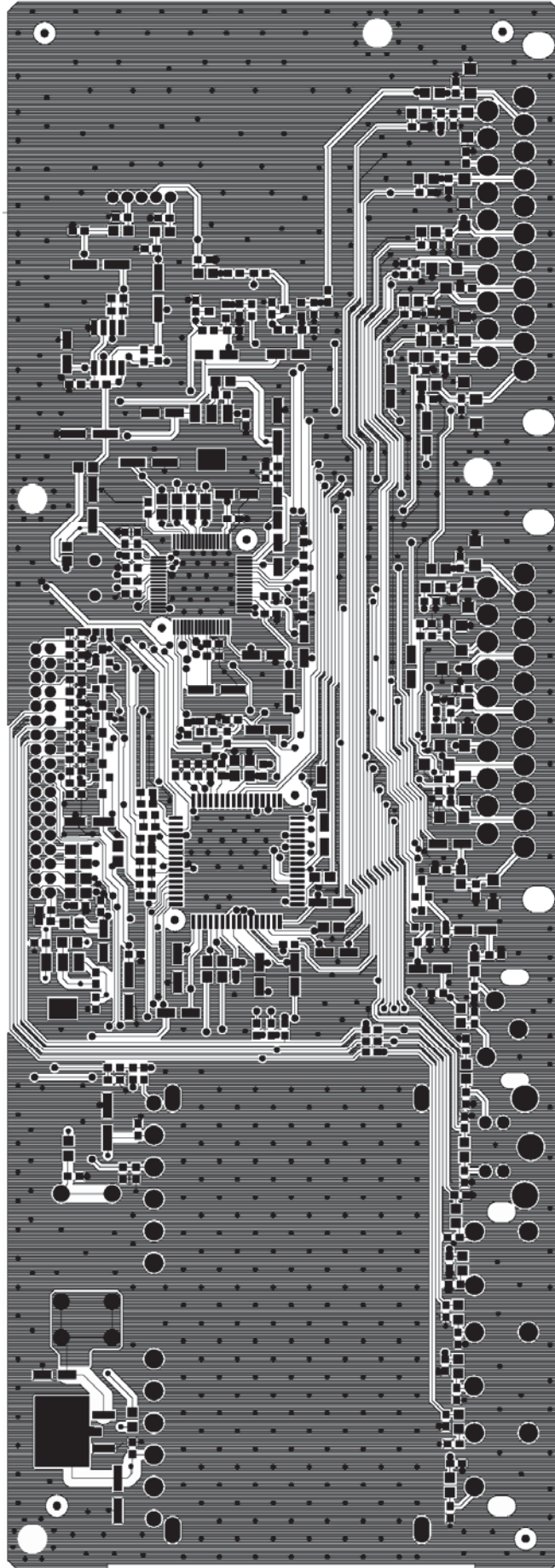
8.3 Audio Board

715T1635-3

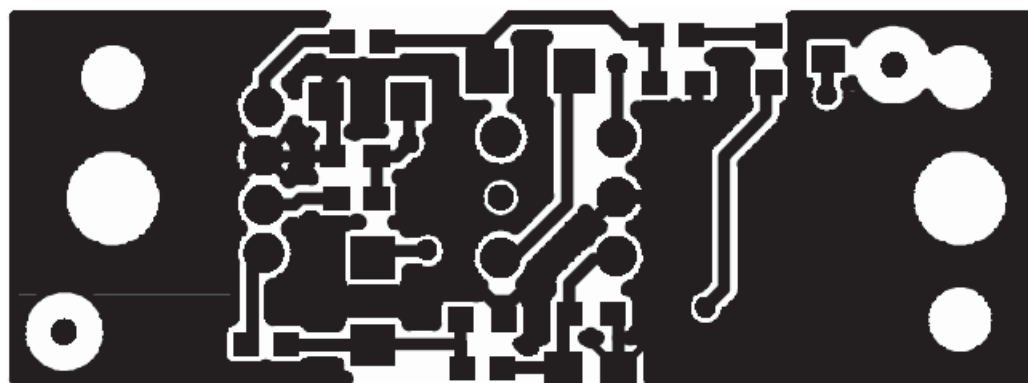
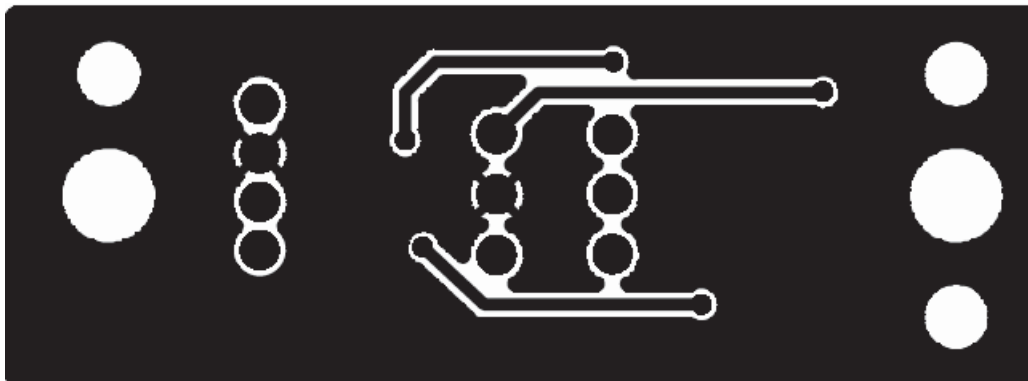
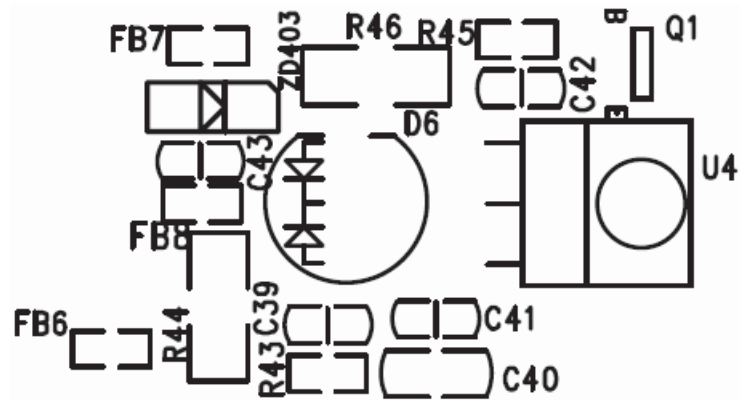






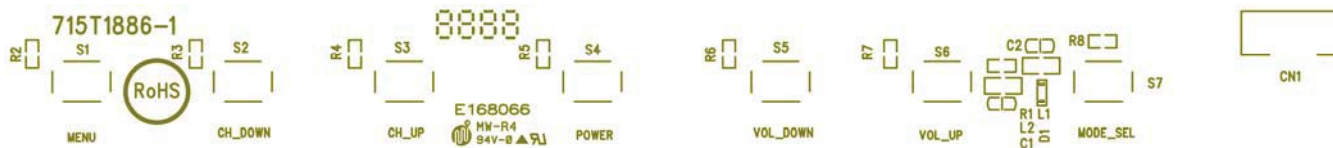


715T1836-1-3

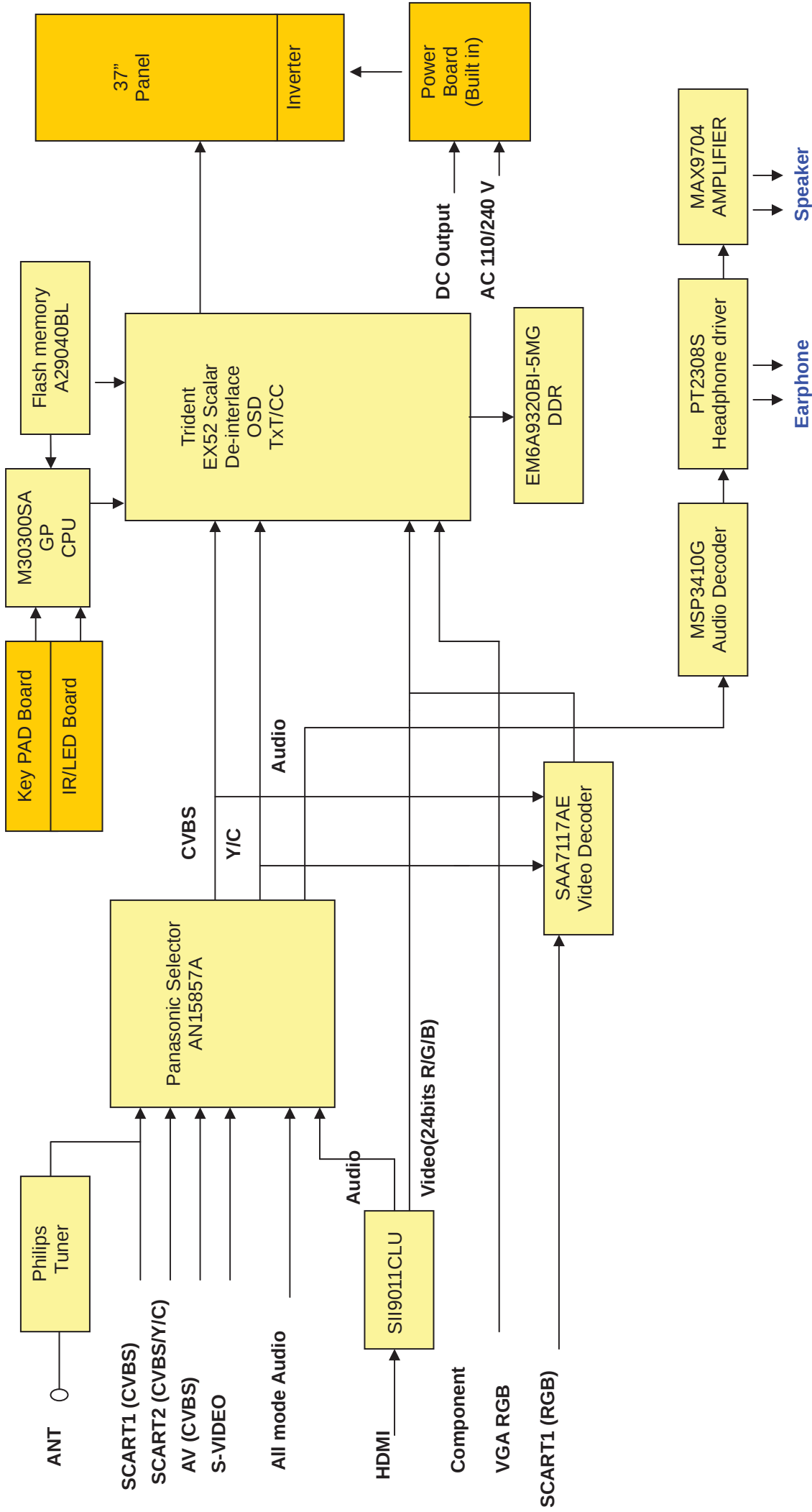


8.6 Key Board

715T1886-1



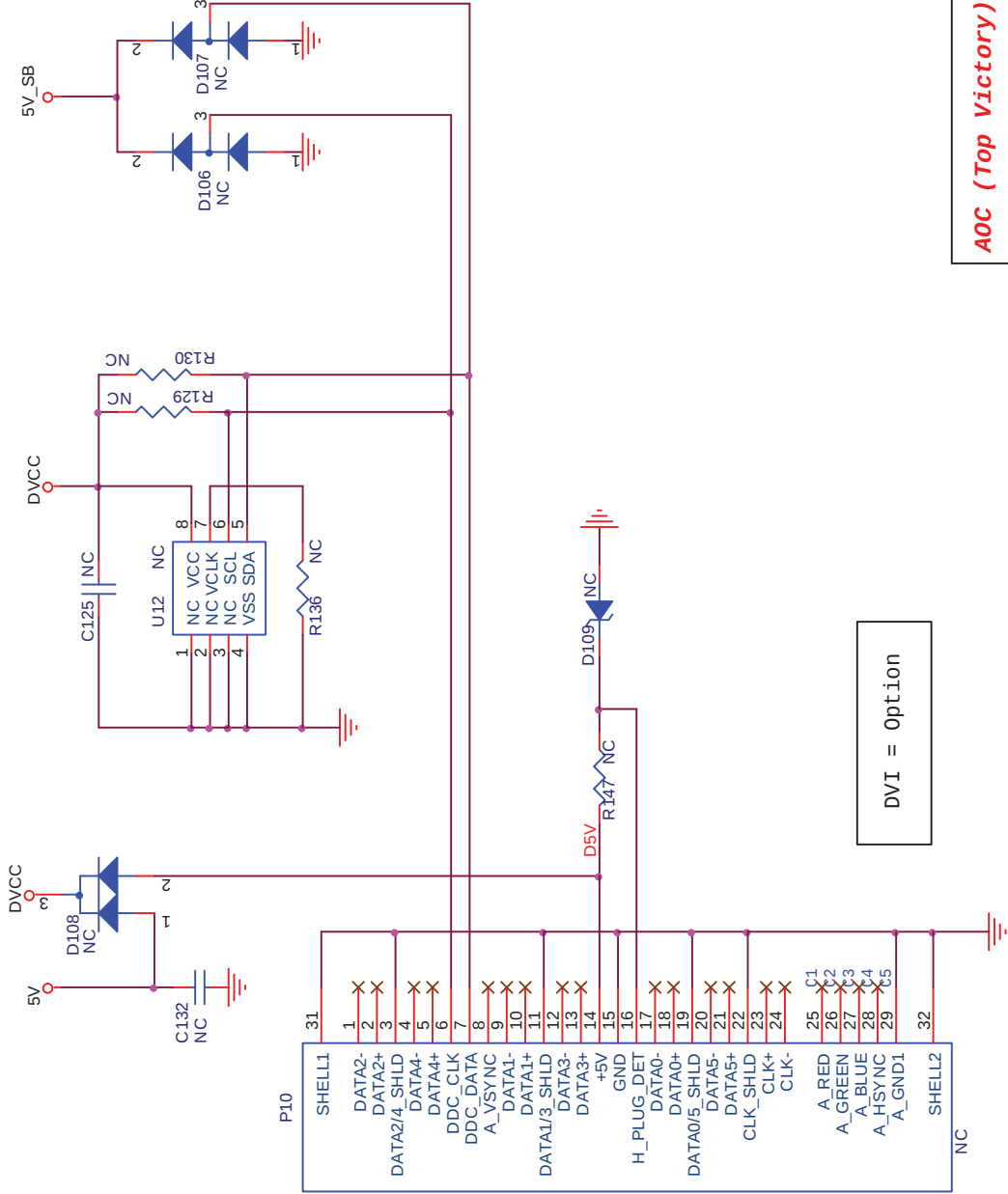
9. Block Diagram



10. Schematic Diagram

10.1 Main Board

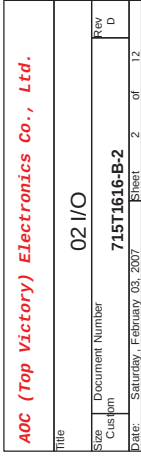
715T1616-B-2



AOC (Top Victory) Electronics Co., Ltd.

Title 01 DVI/HDMI_MUX

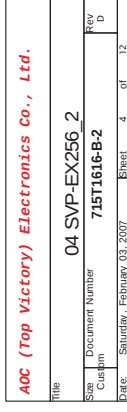
Size	Document Number	Rev
A	715T1616-B-2	D
Date:	Saturday, February 03, 2007	Sheet 1 of 12



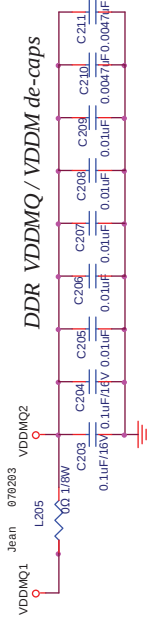


INPUT		OUTPUT		
MPUGPIO1	MPUGPIO0	MPUCS0N	*CS1N	MPUGPIO2 MPUGPIO3
0	0	0	1	1
0	1	1	0	1
1	0	1	1	0
1	1	1	1	0

*CS1N is not a input or output pin
CS1N=0:SVP-EX CPU access enabled
CS1N=1:SVP-EX CPU access disabled
Connector for Aintel AT76C112 Video Output



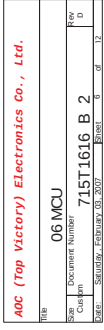
TP201	TP202	TP203	TP204	TP205	TP206	TP207	TP208
TP_T_C30	TP_T_C30	TP_T_C30	TP_T_C30	TP_T_C30	TP_T_C30	TP_T_C30	TP_T_C30
<u>MCLK0</u>	<u>DDQS0</u>	<u>DOM0</u>	<u>DO23</u>	<u>CAS#</u>	<u>RAS#</u>	<u>CS0#</u>	<u>WE#</u>

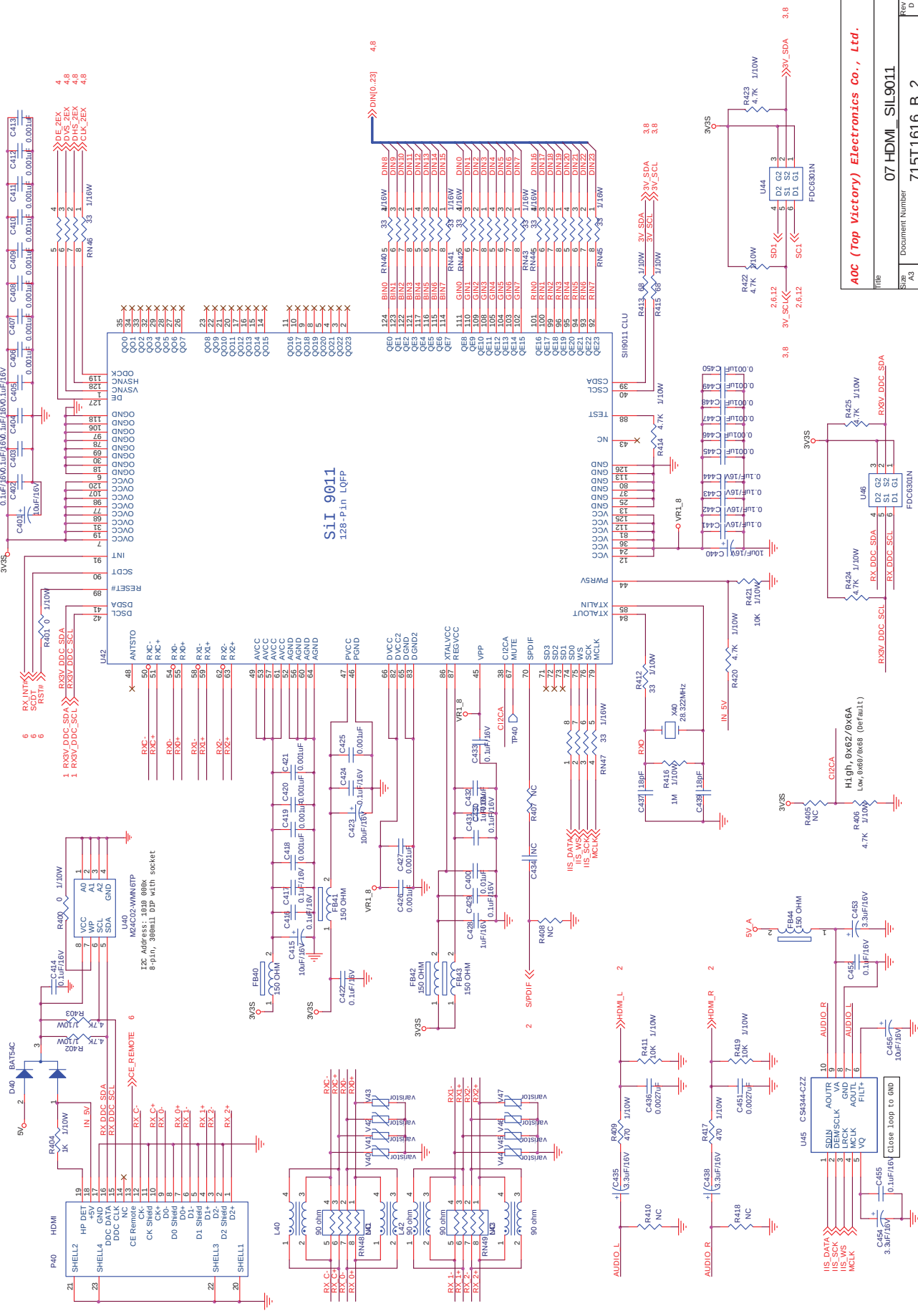


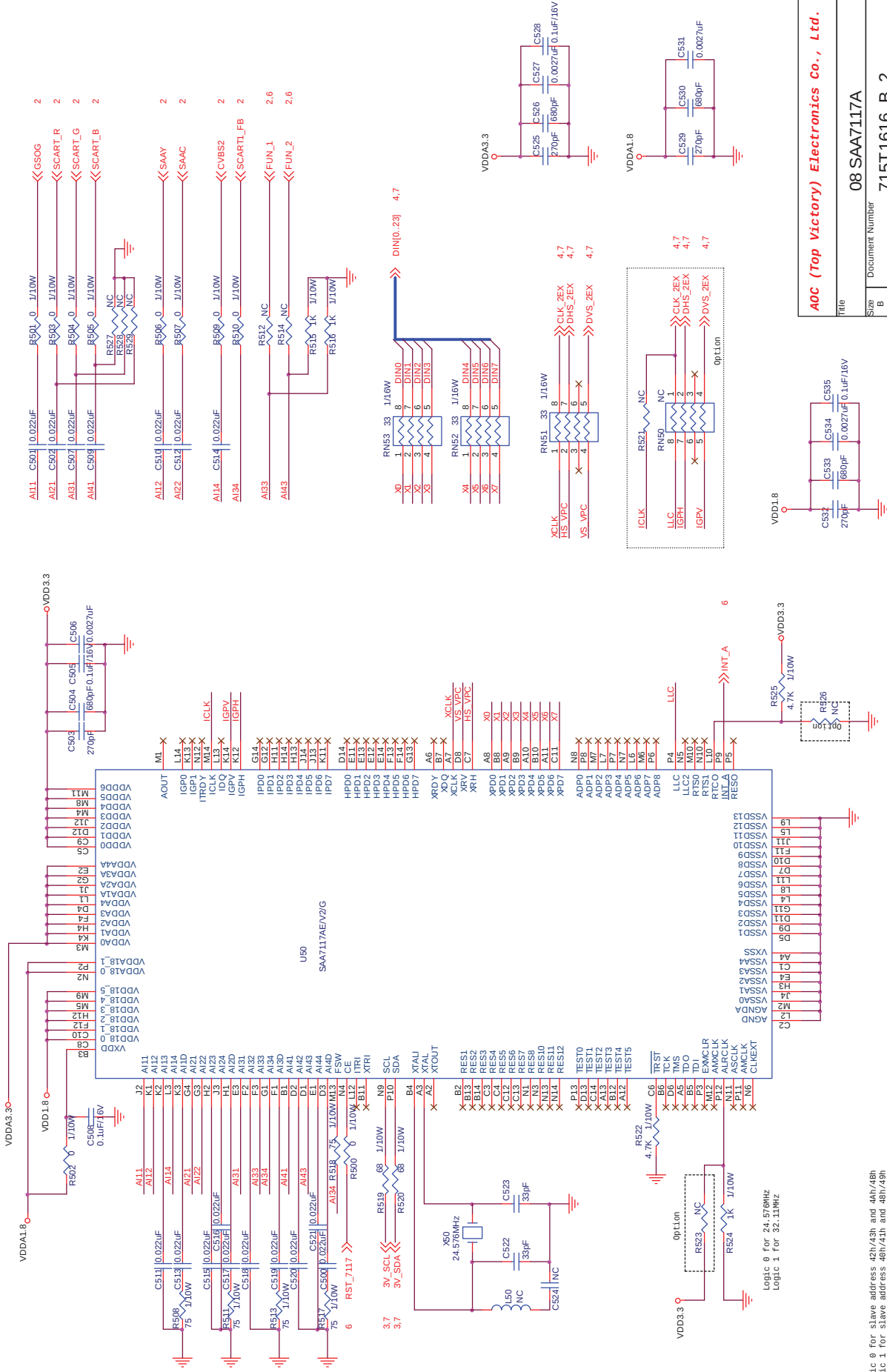
MEMORY DECOUPLING SCHEME

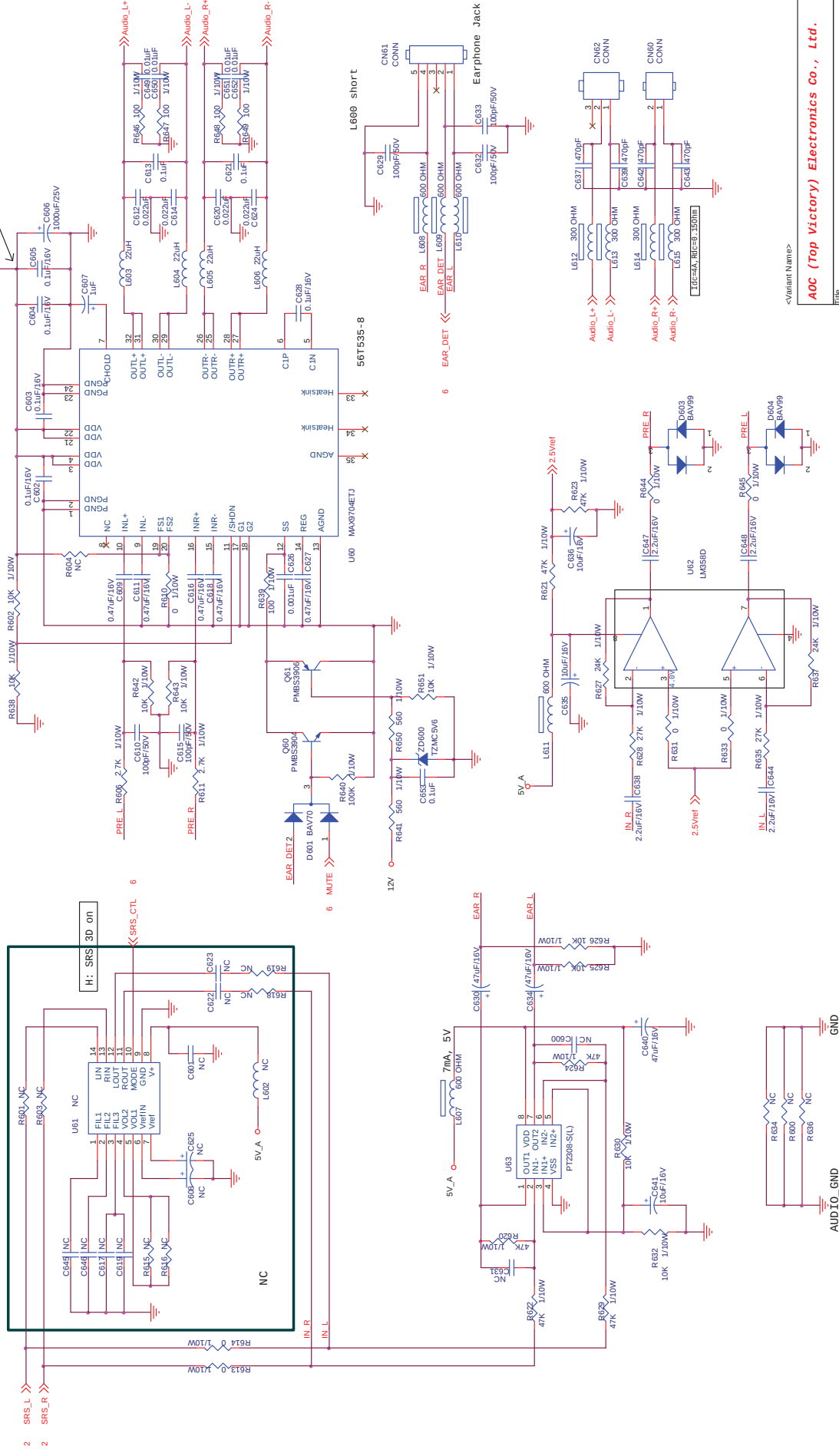
AOC (Top Victory) Electronics Co., Ltd.

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Size B	Document Number	715T1616-B-2	
Date:	Saturday, February 03, 2007	Sheet	5 of 12









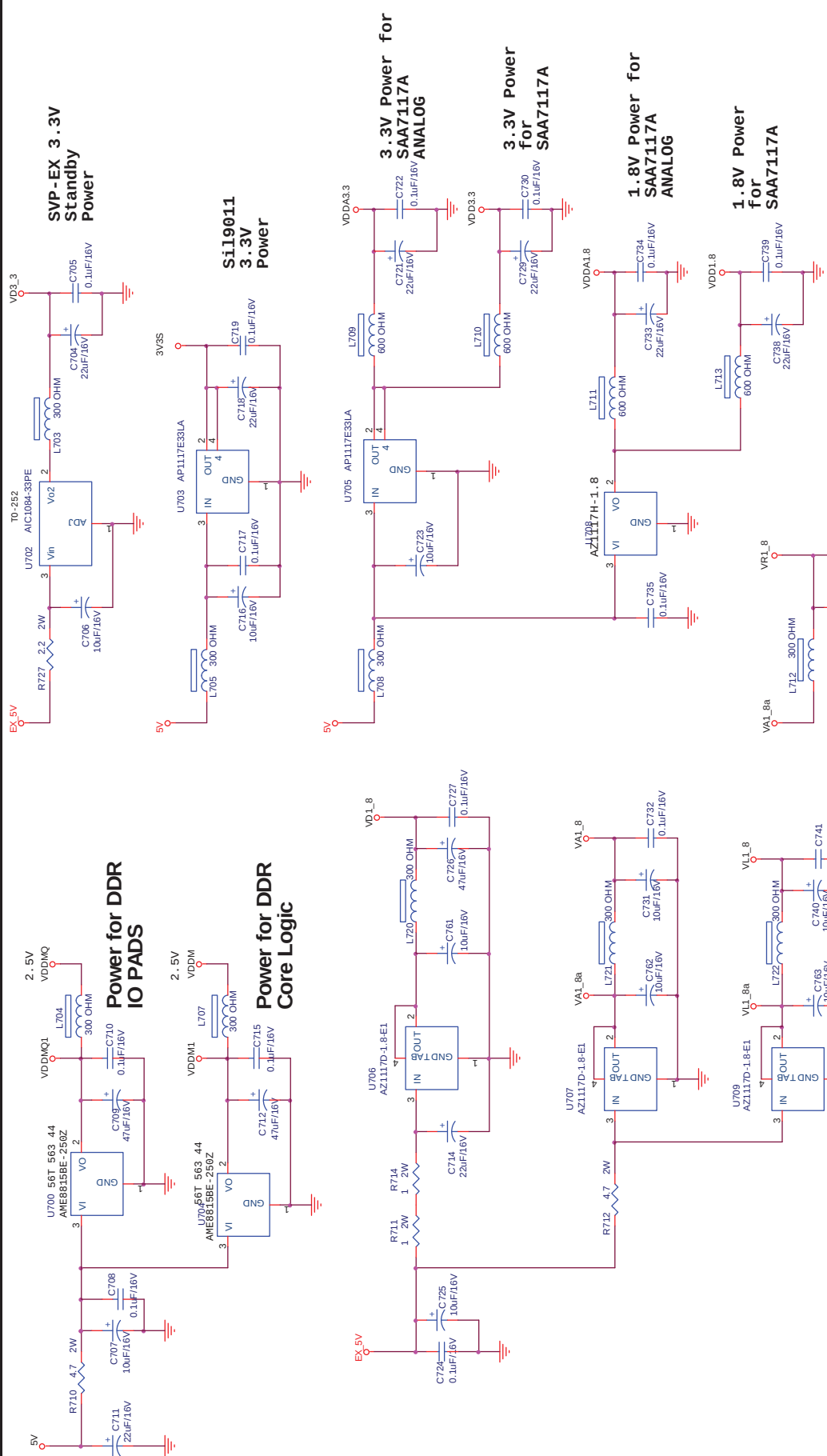
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AOC (Top Victory) Electronics Co., Ltd.

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Doc Number	715T1616 B 2
Rev	D
Sheet	9 of 12

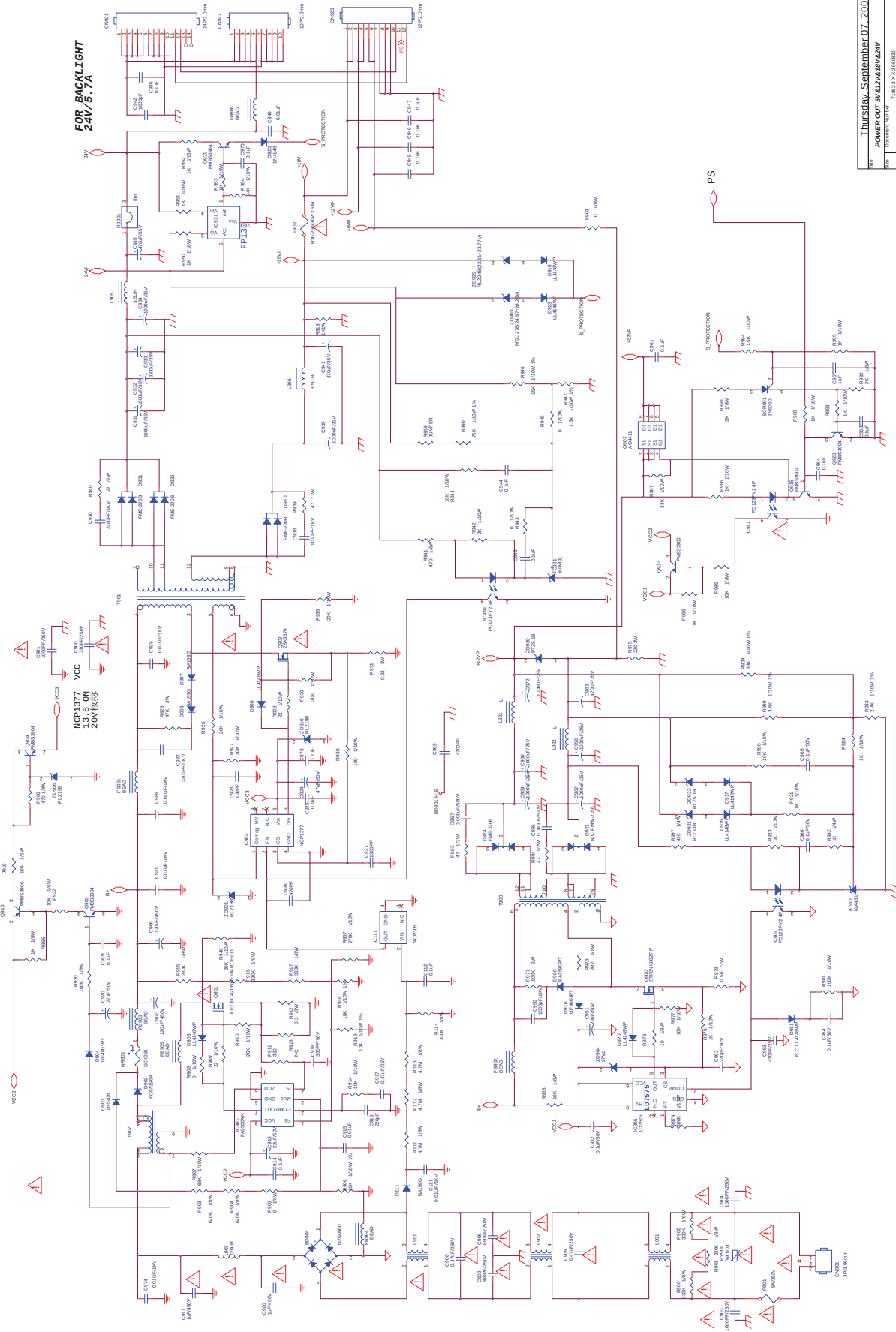


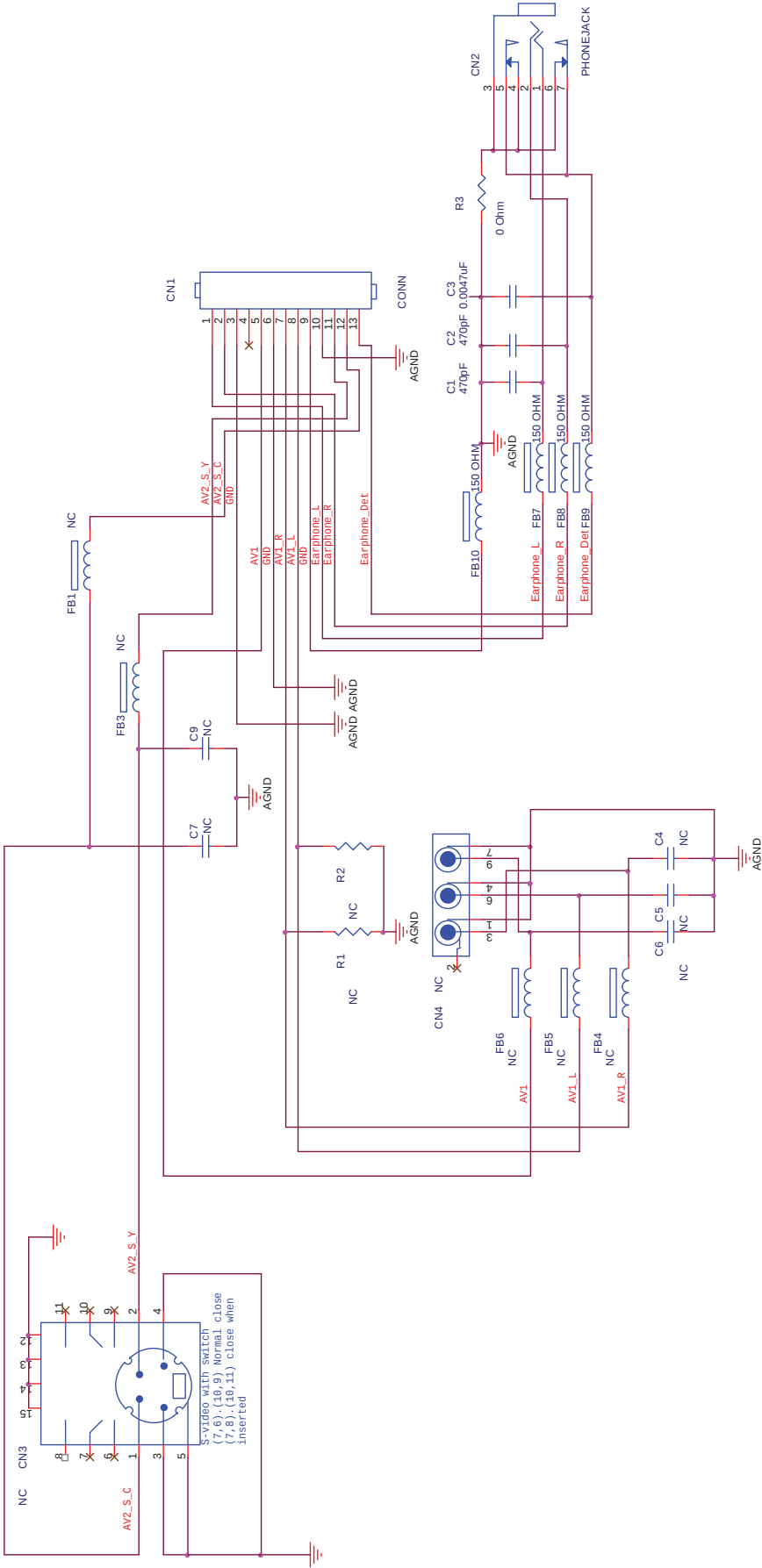
Title	10 POWER 1		
Size A4	Document Number	715T1616 B 2	
Date:	Saturday, February 03, 2007	Sheet	10 of 12



Title		11 POWER 2	
Size	Document Number	715T1616 B 2	
B	Rev	D	
Date: Saturday, February 03, 2007		Sheet	11 of 12

AOC (Top Victory) Electronics Co., Ltd.





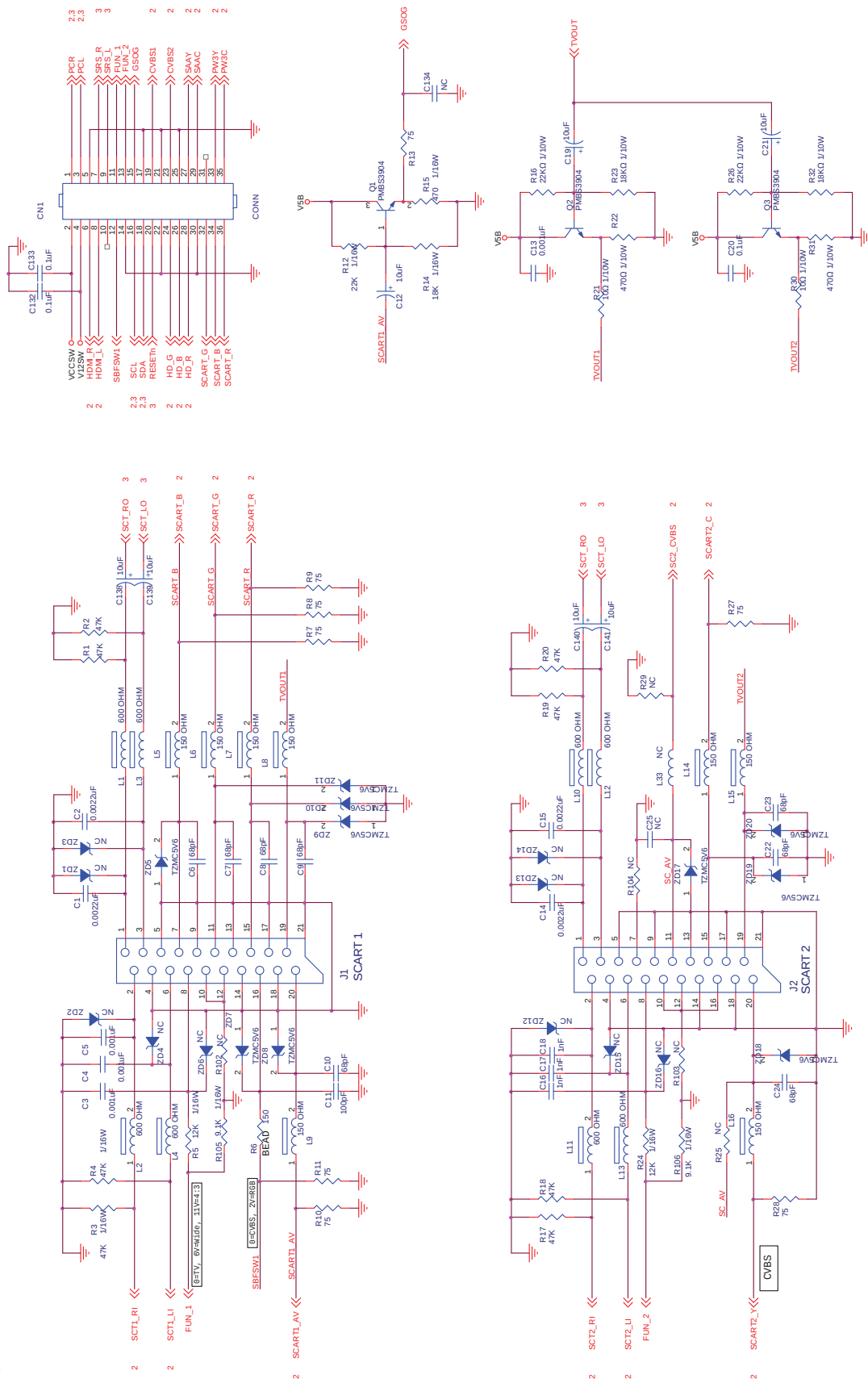
AOC (Top Victory) Electronics Co., Ltd.

Side Board (New S-Video connector)

Title	715T1635 3	Rev	A
Size	B	Document Number	
Date:	Monday, January 09, 2006	Sheet	1 of 1

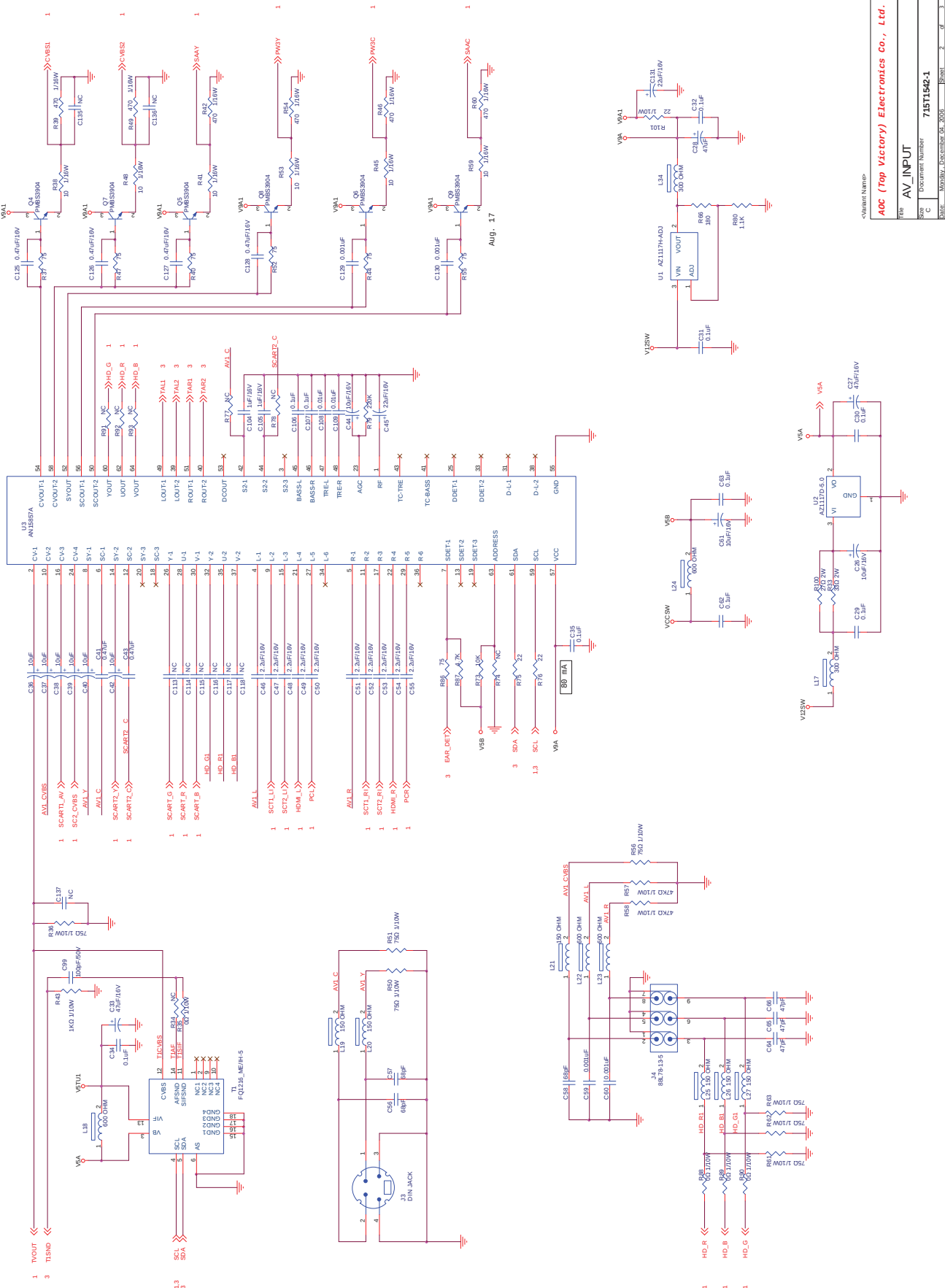
10.4. IO Board

715T1542-1

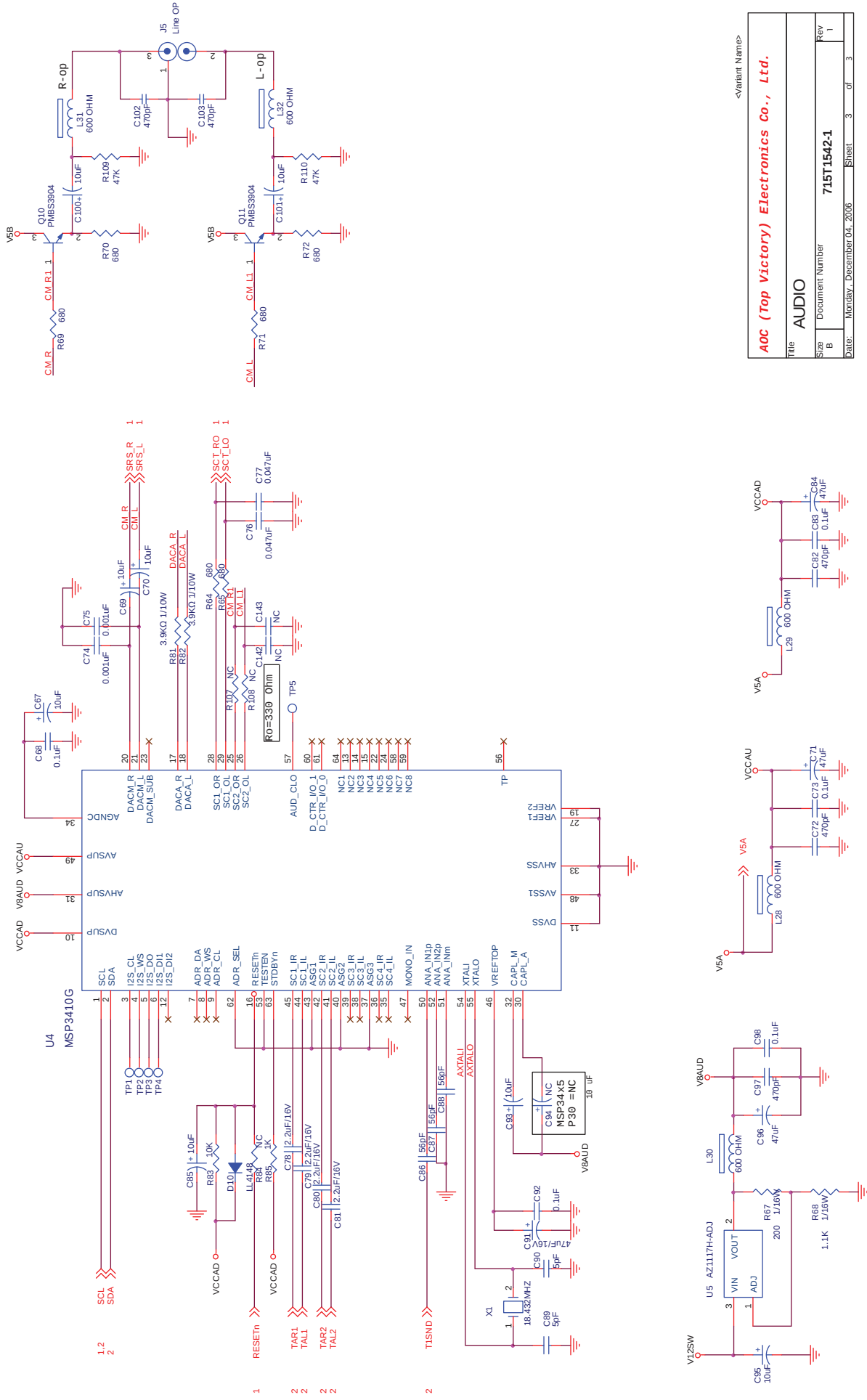


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AOC (Top Victory) Electronics Co., Ltd.	
SCART IN	
Size A3	Document Number 715T1542-1
Date: Monday, December 04, 2006	Sheet 1 of 3



AV INPUT			
Docu	Docu	Docu	Docu
71511942-1	71511942-1	71511942-1	71511942-1
Docu	Docu	Docu	Docu
Docu	Docu	Docu	Docu



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AOC (Top Victory) Electronics Co., Ltd.

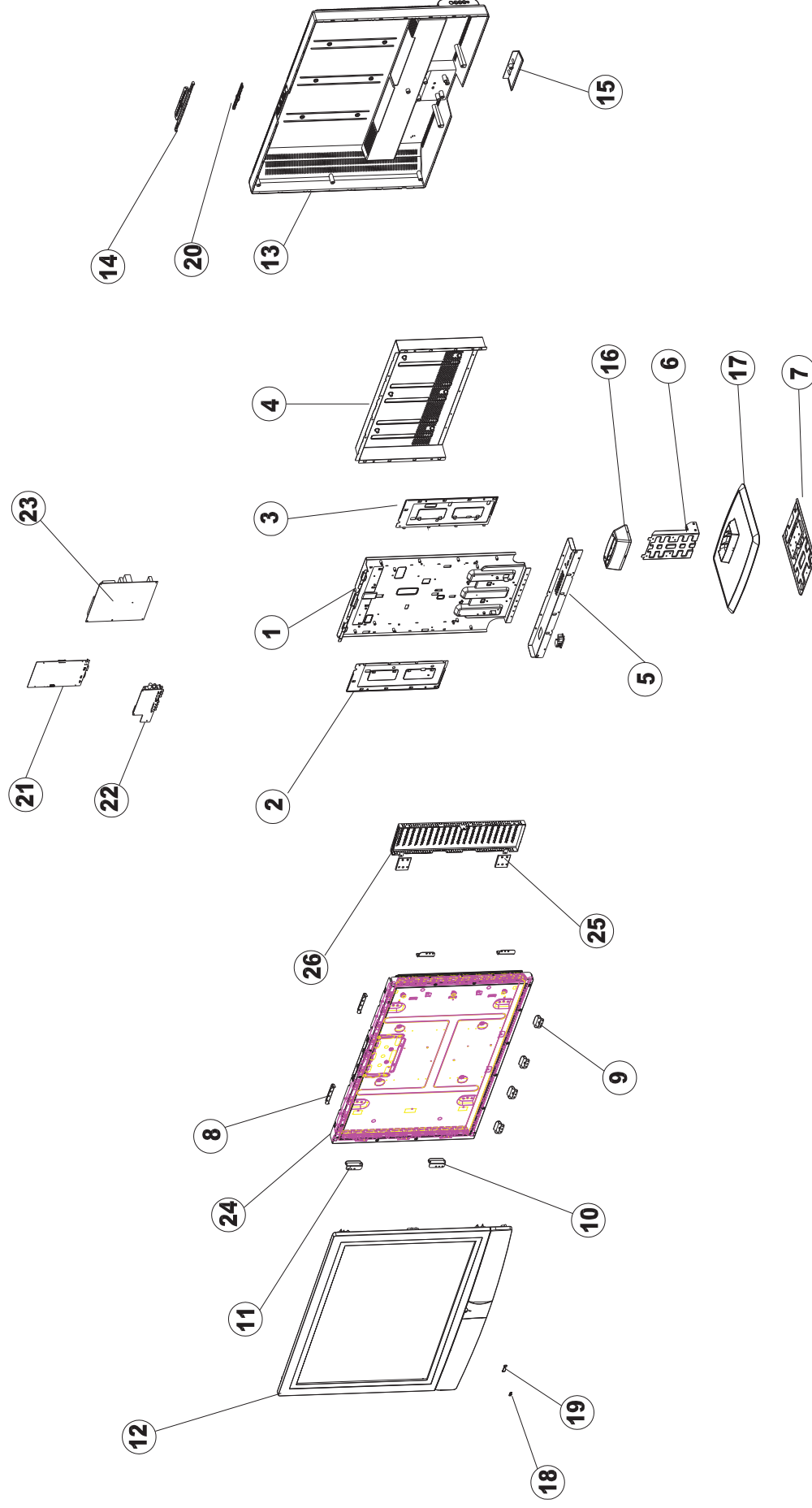
Title
AUDIO

Size	Document Number	Rev
B	715T1542-1	1

Date: Monday, December 04, 2006

Sheet 3 of 3

11. Exploded View



Items	Part No. for TPV	Description	Quantity
1	Q15T8335A05	MAINFRAME	1.000
2	Q15T8336 2	PCB BKT RIGHT	1.000
3	Q15T8336 1	PCB BKT LEFT	1.000
4	Q85T 746 1	SHIELD COVER	1.000
5	Q15T8334A06	BKT CONNECTOR	1.000
6	Q15T8340 1	STAND-BKT	1.000
7	Q15T8341 1	BASE-BKT	1.000
8	Q15T0131 1	BKT_AU066_TOP	2.000
9	Q15T8339 1	BKT_AU066_BOTTOM	4.000
10	Q15T8338 2	BKT_AU066_LEFT_MID	2.000
11	Q15T8338 1	BKT_AU066_LEFT_UP_MID	2.000
12	Q34T1854 RGG1L	BEZEL	1.000
13	Q34T1855 GMC6L 30	REAR COVER	1.000
14	Q34T1859 GMB1L	BUTTON COVER	1.000
15	034T1856 GM 1L	REAR BOTTOM COVER	1.000
16	034T1857 RG 1L	STAND	1.000
17	Q34T1858 RG 1L 33	BASE	1.000
18	033T4978 1 C	POWER LENS	1.000
19	Q33T4979 ED C	LENS REMOTE	1.000
20	Q33T4977 RG 1L	BUTTON FUNCTION	1.000
21	CBPF7T1BQ1	MAIN BOARD	1.000
22	IOPF6AA2P	IO BOARD	1.000
23	ADPF24240A1P	POWER BOARD	1.000
24	750TVUQ0W2012N	PANLE	1.000
25	Q15T0137 1	PANEL BKT	2.000
26	Q85T 747 1	SHIELD COVER	1.000

12. BOM List

E376ATNBW1A6N

Location	Part No. For TPV	Description
	034T1856 GM 1L	REAR BOTTOM COVER
	040T 58162435A	LABEL
	041T780061563A	WARRANTY CARD
	045T 76 28 RN	PE BAG FOR MANUAL
	052T 1186	SMALL TAPE
	052T 1210 A	ALUMINIUM TAPE
	052T6019 1	YELLOW TAPE
	078T 451 1	SPEAKER 8 OHM 15W 150X57.5MM
	089T 173 56 39	RF CABLE
	089T404A18N IS	POWER CORD
	092TB1JX1A21GM	BATTERY LR06 XINLI
	095T8014 2529	WIRE HARNESS
	095T8014 3546	WIRE HARNESS
	095T8014 10539	WIRE HARNESS
	095T8014 12576	WIRE HARNESS
	095T8014 13615	WIRE HARNESS
	095T8014 14670	WIRE HARNESS
	095T8014 36505	WIRE HARNESS
	095T8014 8D681	WIRE HARNESS
	095T8018 3514	LVDS CABLE
	098TRABD1NT F	REMOTE FUHUA FQ
	0D1T 330 6120	SCREW
	0D1T 940 6120	SCREW
	0D1T 940 10 47 CR3	SCREW
	0D1T 940 10 47 CR3	SCREW
	0D1T 940 14 47 CR3	SCREW
	0D1T1140 8128 CR3	SCREW
	0D1T1730 8128 CR3	SCREW
	0M1T 850 15128 CR3	SCREW
	0M1T 940 12120	SCREW
	0M1T 940 16120	SCREW
	0M1T 950 18120	SCREW
	0Q1T 330 6128 CR3	SCREW
	0Q1T 340 10 47 CR3	SCREW
	0Q1T1030 10128 CR3	SCREW
	0Q1T1840 10120	SCREW
	705TQ715012	BRACKET ASS'Y
	705TQLK0B34015	REAR COVER ASS'Y
	705TQLK0F34007	BEZEL ASS'Y
	705TQLK0P34006	STAND ASS'Y
	750TVUQ0W2012N	PANEL T370XW02 V0 AUO
	ADPF24240A1P	ADAPTOR BOARD
	CBPF7T1BQ1	MAIN BOARD
	IOPF6AA2P	IO BOARD
	Q07T 7 T 89	COMPOUND PALLET
	Q15T0131 1	BKT_AU066_TOP
	Q15T0137 1	PANEL BKT
	Q15T8335A05	MAIN FRAME
	Q15T8336 1	PCB BKT LEFT
	Q15T8336 2	PCB BKT RIGHT
	Q15T8338 1	BKT_AU066_LEFT_UP_MID
	Q15T8338 2	BKT_AU066_LEFT_MID

	Q15T8339 1	BKT_AU066_BOTTOM
	Q26T 800504 2	BARCODE
	Q40T 37V615 4B	RATING LABEL
	Q40T000261530A	I/O LABEL
	Q40T000261551A	POP LABEL
	Q41T3701615 4A	MANUAL
	Q41T7800615A51	QSG
	Q41T7800615B10	TELEPHONE NUMBER
	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
	Q44T3B01615 4A	CARTON
	Q45T 99606 2 R	PE BAG FOR BASE
	Q45T 99609 3 R	EPE COVER
	Q45T 99609 5 R	EPE COVER
	Q45T 99626 6 R	PE BAG FOR MONITOR
	Q52T 1185 66	AOC TAPE
	Q52T6020506	PROTECT FILM
	Q85T 746 1	SHIELD COVER
	Q85T 747 1	SHIELD COVER
	001T6017 2 GP	SCREW
	045T 76 28NV2	PE BAG FOR CLAMP
	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
	Q15T8334A06	BKT CONNECTOR
	015T6184 1	KENSINGTON LOCK
	033T4980 GM 1L	CABLE CLIP
	0Q1T 330 6128 CR3	SCREW
	EFPFLA1P	E-FRAME BOARD
	Q34T1855 GMC6L 30	REAR COVER
	033T4978 1 C	LENS POWER
	0Q1T 330 6128 CR3	SCREW
	IRPF6AA8P	IR BOARD
	KEPF6AA2P	KEY BOARD
	Q33T4977 RG 1L	BUTTON FUNCTION
	Q33T4979 ED C	LENS REMOTE
	Q34T1854 RGG1L	BEZEL
	Q34T1859 GMB1L	BUTTON COVER
	Q44T3121510524	SPONGE
	Q44T3231 21 21	CR WASHER
	Q44T3231 21 22	CR WASHER
	012T 394 4	RUBBER FOOT
	012T6099 1	RUBBER FOOT
	012T6099 1	RUBBER FOOT
	034T1857 RG 1L	STAND
	0D1T 940 6120	SCREW

	0D1T 940 10 47 CR3	SCREW
	0Q1T 140 10120	SCREW
	Q15T8340 1	STAND-BKT
	Q15T8341 1	BASE-BKT
	Q34T1858 RG 1L 33	BASE
CN922	033T3802 10	PLUG
CN923	033T3802 12	WAFER PH-12
CN921	033T3802 14	CONN
CN901	033T8029 3A	WAFER 2P 3.96MM
	040G 45762420A	LABEL 25X6MM
IC912	056T 139 3A	PC123Y22FZOF
IC910	056T 139 3A	PC123Y22FZOF
IC904	056T 139 3A	PC123Y22FZOF
R913	061T 208102 64	1KOHM 5% 1W
R971	061T152M10458F	100K OHM 5%2W
R940	061T152M220 64	22 OHM 5% 2W
R975	061T152M22158F	RST MOFR 220 OHM +-5% 2WS
R956	061T153M308 59	RST MOFR 0.3OHM +-5% 3WS
R925	061T153M47358F	47K OHM 5% 3W
C939	067G215L102 6N	KY35VB1000M-L 5*25MM
C934	067G215L102 6N	KY35VB1000M-L 5*25MM
C933	067G215L102 6N	KY35VB1000M-L 5*25MM
C932	067G215L102 6N	KY35VB1000M-L 5*25MM
C931	067G215L102 6N	KY35VB1000M-L 5*25MM
C907	067T 4012115K	105°C 120UF M 450V KINGNICH
C906	067T 4012115K	105°C 120UF M 450V KINGNICH
FB906	071G 55 21	FERRITE BEAD
	071T 55 30	FERRITE BEAD 4.0*2*3
L903	073T 174 70 L	120UH
L903	073T 174 70 S	CHOKE
L907	073T 174 83 L	LINE FILTER LITAI
L907	073T 174 83 T	LINE FILTER TDK
L907	073T 174 83 LS	LINE FILTER LISHIN
L901	073T 174 86 L	LINE FILTER 7MH LITAI
L902	073T 174 86 L	LINE FILTER 7MH LITAI
L911	073T 174 86 L	LINE FILTER 7MH LITAI
L901	073T 174 86 T	LINE FILTER 7MH TDK
L902	073T 174 86 T	LINE FILTER 7MH TDK
L911	073T 174 86 T	LINE FILTER 7MH TDK
L922	073T 253 91 LS	CHOKE BY LI SHIN
L921	073T 253 91 LS	CHOKE BY LI SHIN
L905	073T 253150 L	CHOCK
L906	073T 253155 L	CHOKE
T903	080TL37T 1 L	XFMR FOR POWER LITAI
T903	080TL37T 1 T	XFMR FOR POWER TDK
T903	080TL37T 1 LS	XFMR FOR POWER LISHIN
T901	080TL37T 2 L	XFMR FOR POWER LITAI
T901	080TL37T 2 T	XFMR FOR POWER TDK
T901	080TL37T 2 LS	XFMR FOR POWER LISHIN
RJ901	095T 90 26	WIRE HARNESS
	705T3724057001	37" LCD TV POWER ASS'Y
	705T3724057002	37" LCD TV POWER ASS'Y
	705T3724057093	37" LCD TV POWER ASS'Y
	705T3724061030	0.3OHM/3W ASS'Y
	705T3724061033	0.33OHM/3W ASS'Y
	705T3724061056	0.56OHM/3W ASS'Y

	705T3724061470	47OHM/1W ASS'Y
	705T3724093001	37" LCD TV POWER ASS'Y
	705T3724093002	37" LCD TV POWER ASS'Y
	705T3724093003	ASS'Y
	705TQLK0C65001	A4 FOR ADAPTER ASS'Y
CN11	033T3278 12	12P PLUG B12B-XHA/JS B12B-XHA/
CN60	033T3802 2H	WAFER 2P RIGHT ANGLE
CN62	033T3802 3H	WAFER 3P RIGHT ANGLE
CN61	033T3802 5H	WAFER 5P RIGHT ANGLE PI
CN12	033T3802 8H	WAFER 8P RIGHT ANGLE PITCH 2.0
CN10	033T8027 36 H	WAFER
CN20	033T802724D H	24PIN
	040T 457624 1B	CPU LABEL
	040T 45762412B	CBPC LABEL
	044T3231508512	CHIELD D-SUB
U31	056T1133 77	EN29F040A-70JCP
U31	056T1133 80	A29040BL-70F PLCC-32
R711	061T152M109 64	MOFR 1 OHM +-5% 2WS
R714	061T152M109 64	MOFR 1 OHM +-5% 2WS
R727	061T152M229 64	2.2 OHM 2W 5% MOF
R710	061T152M479 64	4.7 OHM +-5% 2W
R712	061T152M479 64	4.7 OHM +-5% 2W
C606	067T215L102 4N	KY25VB1000M-L 12.5*20
L714	073T 253137 ER	CHOKE COIL BY EROCORE SCB-03
L717	073T 253137 ER	CHOKE COIL BY EROCORE SCB-03
L603	073T 253158 H	CHOKE COIL 22UH+/-25%
L604	073T 253158 H	CHOKE COIL 22UH+/-25%
L605	073T 253158 H	CHOKE COIL 22UH+/-25%
L606	073T 253158 H	CHOKE COIL 22UH+/-25%
L606	073T 253158 L	CHOKE COIL
L605	073T 253158 L	CHOKE COIL
L604	073T 253158 L	CHOKE COIL
L603	073T 253158 L	CHOKE COIL
P12	088T 30214K	PHONE JACK
P11	088T 35315F HA	D-SU13 15PIN
MTGU21	090T 372 2	HEAT SINK
MTGU60	090T6068 2	HEAT SINK
X20	093T 2253B J	14.31818MHZ/85C
X50	093T 2258B J	24.576MHZ/20PF/49US
X40	093T 2279B	CRYSTAL 28.322MHZ 49U/S
X30	093T 2281B	10.000MHZ/30PF/49US
CN1	033T8027 36 H	WAFER
	040T 45762412B	CBPC LABEL
R100	061T152M270 64	27 OHM 5% 2W
R33	061T152M330 64	33 OHM 5% 2W
	085T 583510	GASKET
J5	088T 78 10 2C	RCA JACK
J4	088T 78 13 5	CRYSTAL 18.432MHZ 49US
J4	088T 78 13 5C	RCA JACK
J3	088T 100 6 TN	MINI PIN 4P
J3	088T 100 6 TO	4PIN MINI DIN JACK
J2	088T 35521A HC	SCART CONN.R/A 21PIN
J1	088T 35521A HC	SCART CONN.R/A 21PIN
X1	093T 22D60 BH	CRYSTAL 18.432MHZ/12PF/49U
T1	094TPASEALL 3P	FQ1216ME/IH-5(SV22)
CN1	033T380213H	WAFER 13P RIGHT ANGLE PITCH

CN2	088T 30231T CJ	PHONE JACK
CN2	033T3802 4	WAFER PH-4
U4	056T 627 7	FM-6038TM2-5AN
D6	081T 12 6 GP	LED
S6	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
S7	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
S3	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
S1	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
S2	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
S4	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
S5	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
Q900	057T 667 21	STP10NK70ZFP
	090T 426501	HEAT SINK
	0M1T1730 8128 CR3	SCREW
Q902	057T 600 35	STP8NK80ZFP BY ST TO-220FP
Q902	057T 667 32	STP10NK80ZFP TO-220FP
	0M1T1730 8128 CR3	SCREW
	Q90T 425700	HEAT SINK
	012T 372 5	SILICON
Q901	057T 611 5	FET FCA20N60 FAIRCHILD
Q901	057T 667 45	FET 2SK3697-01 FUJI
Q901	057T 667 48	TRA STW25NM60N TO-247 ST
D902	093T 220 22	DIODE YG972S6R TO-220F FUJI
D902	093T 220 23	DIODE FMX-G26S TO-220 SANKEN
	0M1T1730 12128 CR3	SCREW
	Q90T6321 1	HEAT SINK
R912	061T153M308 59	RST MOFR 0.3OHM +-5% 3WS
	096T 29 1	SHRINK TUBE UL/CSA
R931	061T153M338 59	RST MOFR 0.33OHM +-5% 3WS
	096T 29 1	SHRINK TUBE UL/CSA
R978	061T153M568 59	RST MOFR 0.56 OHM +-5% 3WS
	096T 29 1	SHRINK TUBE UL/CSA
R939	061T 20847058F GP	47 OHM 1W
	096T 29 6	SHRINK TUBE UL/CSA
D932	093T 60258	FME-220B TO-220 SANKEN
D931	093T 60258	FME-220B TO-220 SANKEN
D910	093T 60258	FME-220B TO-220 SANKEN
D910	093T 60271	DIODE MBRF20150CT ITO-220AB LITEON
D932	093T 60271	DIODE MBRF20150CT ITO-220AB LITEON
D931	093T 60271	DIODE MBRF20150CT ITO-220AB LITEON
	0M1T1730 8128 CR3	SCREW
	Q90T6321 1	HEAT SINK
	090T 425501	HEAT SINK
D924	093T 60258	FME-220B TO-220 SANKEN
D921	093T1506 2	FMW-2156
	0M1T1730 8128 CR3	SCREW
	090T 426500	HEAT SINK
BD901	093T 50460 19	BRIDGE D25XB60 25A 600V
	0M1T1730 8128 CR3	SCREW
RV901	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	065T306M4722F2	Y1 4700PF M 250VAC
C972	067G215L102 4N GP	KY25VB1000M-L 12.5*20
C962	067G215L102 4N GP	KY25VB1000M-L 12.5*20
C956	067G215L102 4N GP	KY25VB1000M-L 12.5*20
C960	067G215L102 4N GP	KY25VB1000M-L 12.5*20
C959	067G215L102 4N GP	KY25VB1000M-L 12.5*20
C959	067G215L102 4R	LOW E.S.R 1000UF +/-20% 25V
C960	067G215L102 4R	LOW E.S.R 1000UF +/-20% 25V
C956	067G215L102 4R	LOW E.S.R 1000UF +/-20% 25V
C972	067G215L102 4R	LOW E.S.R 1000UF +/-20% 25V
C962	067G215L102 4R	LOW E.S.R 1000UF +/-20% 25V
C963	067T215L471 4N	KY25VB470M-L10*16
C935	067T215L471 6N	KY35VB470M-L 10*20MM
C941	067T215L471 6N	KY35VB470M-L 10*20MM
FB904	071T 55 29	BEAD
FB903	071T 55 29	BEAD
D901	093T 5241T52T	1N5406
D904	093T1020 752T	UF4003PT
D916	093T1020 752T	UF4003PT
D906	093T1100 1052T	BA159GPT
D907	093T1100 1052T	BA159GPT
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
Q914	057T 417 6	PMBS3906/PHILIPS-SMT
Q910	057T 417 6	PMBS3906/PHILIPS-SMT
Q907	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
R908	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
R945	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
R906	061T0805100 2F	RST CHIPR 10 KOHM +-1% 1/8W
R919	061T0805100 2F	RST CHIPR 10 KOHM +-1% 1/8W
R930	061T0805101	RST CHIPR 100 OHM +-5% 1/8W
R921	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R923	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R924	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R966	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R979	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R986	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R988	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R993	061T0805102	RST CHIPR 1KOHM +-5% 1/4W

R995	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
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	RST CHIPR 22 OHM +-5% 1/8W
R928	061T0805220	RST CHIPR 22 OHM +-5% 1/8W
R933	061T0805240 1F	RST CHIPR 2.4 KOHM +-1% 1/8W
R967	061T0805274	RST CHIPR 270 KOHM +-5% 1/8W
R934	061T0805330 2F	RST CHIPR 33 KOHM +-1% 1/8W
R987	061T0805333	RST CHIPR 33 KOHM +-5% 1/8W
R954	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
J944	061T1206000 4	RST CHIPR 0 OHM +-5% 1/4W
R976	061T1206100	RST CHIPR 10 OHM +-5% 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
R992	061T1206202	RST CHIPR 2 KOHM +-5% 1/4W
R991	061T1206202	RST CHIPR 2 KOHM +-5% 1/4W
R973	061T1206229	RST CHIPR 2.2 OHM +-5% 1/4W
R902	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R901	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R900	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R917	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R916	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R915	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R960	061T1206471	RST CHIPR 470 OHM +-5% 1/4W
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
C970	065T0603104 32	CHIP 0.1UF 50V X7R
C923	065T0805101 31	CHIP 100PF 50V NPD 0805
C942	065T0805102 31	1000PF 50V NPO

C940	065T0805103 32	10NF/50V/0805/X7R
C915	065T0805103 32	10NF/50V/0805/X7R
C973	065T0805104 32	CHIP 0.1UF 50V X7R
C968	065T0805104 32	CHIP 0.1UF 50V X7R
C966	065T0805104 32	CHIP 0.1UF 50V X7R
C965	065T0805104 32	CHIP 0.1UF 50V X7R
C964	065T0805104 32	CHIP 0.1UF 50V X7R
C961	065T0805104 32	CHIP 0.1UF 50V X7R
C954	065T0805104 32	CHIP 0.1UF 50V X7R
C947	065T0805104 32	CHIP 0.1UF 50V X7R
C946	065T0805104 32	CHIP 0.1UF 50V X7R
C112	065T0805104 32	CHIP 0.1UF 50V X7R
C912	065T0805104 32	CHIP 0.1UF 50V X7R
C914	065T0805104 32	CHIP 0.1UF 50V X7R
C919	065T0805104 32	CHIP 0.1UF 50V X7R
C925	065T0805104 32	CHIP 0.1UF 50V X7R
C936	065T0805104 32	CHIP 0.1UF 50V X7R
C943	065T0805104 32	CHIP 0.1UF 50V X7R
C944	065T0805104 32	CHIP 0.1UF 50V X7R
C945	065T0805104 32	CHIP 0.1UF 50V X7R
C967	065T0805105 22	CHIP 1UF 25V X7R 0805
C927	065T0805152 22	CHIP 1500PF 25V X7R 0805
C916	065T0805221 31	220PF 50V NPO
C952	065T0805221 32	CHIP 220PF 50V X7R 0805
C918	065T0805331 32	CHIP 330PF 50V X7R 0805
C953	065T0805471 22	CER 470PF K 25V X7R
C926	065T0805471 31	CHIP 470PF 50V NPO
C917	065T0805474 22	CHIP 0.47UF 25V X7R
D920	093T 64 44 S	LL4148WP
D918	093T 64 44 S	LL4148WP
D917	093T 64 44 S	LL4148WP
D915	093T 64 44 S	LL4148WP
D913	093T 64 44 S	LL4148WP
D911	093T 64 44 S	LL4148WP
D908	093T 64 44 S	LL4148WP
D903	093T 64 44 S	LL4148WP
ZD906	093T 39S 15 T	RLZ15B
ZD922	093T 39S 25 T	RLZ5.1B LLDS
ZD920	093T 39S 38 T	PTZ 9.1B
ZD921	093T 39S 40 T	RLZ 13B LLDS
ZD905	093T 39S 41 T	RLZ24B LLDS
ZD910	093T 39S 44 T	RLZ18B
ZD901	093T 39S 44 T	RLZ18B
U708	056T 133 33AAC	IC AZ1117-1.8-E1
U62	056T 192 10	LM358DT
U60	056T 535 8	MAX9704
U21	056T 562600	IC SVP-EX52-LF TRIDENT
U702	056T 563 25	AIC1084-33PE
U706	056T 563 31	AZ1117D-1.8E1 TO-252
U707	056T 563 31	AZ1117D-1.8E1 TO-252
U709	056T 563 31	AZ1117D-1.8E1 TO-252
U704	056T 563 44	AME8815BEGT 250Z SOP-223
U700	056T 563 44	AME8815BEGT 250Z SOP-223
U710	056T 585 9	IC AP1117E50LA ANACHIP
U701	056T 585 4A	AP1117E33LA
U703	056T 585 4A	AP1117E33LA

U705	056T 585 4A	AP1117E33LA
U16	056T 614 1	IC 74HC4052D PHILIPS
U20	056T 615 9	NO APP EM6A9320BI-5MG
U20	056T 615 9 1	IC EM6A9320BI-5MG 0.11UM"M" FBGA-144
U22	056T 615104	LY61256RL-12E TSOP-1
U63	056T 616 3	PT2308S SO-8 PTC
U50	056T 623 11	SAA7117AE/V2/G BGA-156
U45	056T 638601	CS4344-CZZ
U42	056T 642600	SII9011CLU
U32	056T1125182	IC M30300SAGP RENESAS
U10	056T1133 34	M24C02-WMN6TP
U40	056T1133 34	M24C02-WMN6TP
U33	056T1133 78	24LC64 ISNG SOIC(150MIL)
U11	056T4LVC 14 P	74LVC14ADT
Q708	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q709	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q10	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q11	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q13	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q20	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q32	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q33	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q60	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q704	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q705	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q706	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q12	057T 417 6	PMBS3906/PHILIPS-SMT
Q14	057T 417 6	PMBS3906/PHILIPS-SMT
Q31	057T 417 6	PMBS3906/PHILIPS-SMT
Q61	057T 417 6	PMBS3906/PHILIPS-SMT
Q700	057T 763 3	AO4411L SO-8 BY AOS SMT
Q701	057T 763 3	AO4411L SO-8 BY AOS SMT
Q702	057T 763 3	AO4411L SO-8 BY AOS SMT
Q703	057T 763 3	AO4411L SO-8 BY AOS SMT
Q707	057T 763 3	AO4411L SO-8 BY AOS SMT
U46	057T 763 15	FDC6301N SSOT-6
U44	057T 763 15	FDC6301N SSOT-6
V40	061T 47 1	VARISTOR EZJZ1V80010
V41	061T 47 1	VARISTOR EZJZ1V80010
V42	061T 47 1	VARISTOR EZJZ1V80010
V43	061T 47 1	VARISTOR EZJZ1V80010
V44	061T 47 1	VARISTOR EZJZ1V80010
V45	061T 47 1	VARISTOR EZJZ1V80010
V46	061T 47 1	VARISTOR EZJZ1V80010
V47	061T 47 1	VARISTOR EZJZ1V80010
RN213	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W
RN212	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W
RN211	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W
RN210	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W
RN207	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R
RN206	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R
RN205	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R
RN204	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R
RN203	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R
RN202	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R
RN201	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R

RN200	061T 125220 8	CHIP ARRAY 220HM 1/16W 8P4R
RN40	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN35	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN34	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN33	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN32	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN31	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN30	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN209	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN208	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN53	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN52	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN51	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN47	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN46	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN45	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN44	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN43	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN42	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
RN41	061T 125330 8	RST CHIP AR 8P4R 33 OHM +-5% 1/16W
R510	061T0603000	CHIP 0OHM 1/16W
R509	061T0603000	CHIP 0OHM 1/16W
R507	061T0603000	CHIP 0OHM 1/16W
R506	061T0603000	CHIP 0OHM 1/16W
R505	061T0603000	CHIP 0OHM 1/16W
R504	061T0603000	CHIP 0OHM 1/16W
R503	061T0603000	CHIP 0OHM 1/16W
R610	061T0603000	CHIP 0OHM 1/16W
R613	061T0603000	CHIP 0OHM 1/16W
R614	061T0603000	CHIP 0OHM 1/16W
R631	061T0603000	CHIP 0OHM 1/16W
R633	061T0603000	CHIP 0OHM 1/16W
R644	061T0603000	CHIP 0OHM 1/16W
R645	061T0603000	CHIP 0OHM 1/16W
R728	061T0603000	CHIP 0OHM 1/16W
R148	061T0603000	CHIP 0OHM 1/16W
R149	061T0603000	CHIP 0OHM 1/16W
R150	061T0603000	CHIP 0OHM 1/16W
R155	061T0603000	CHIP 0OHM 1/16W
R210	061T0603000	CHIP 0OHM 1/16W
R226	061T0603000	CHIP 0OHM 1/16W
R300	061T0603000	CHIP 0OHM 1/16W
R301	061T0603000	CHIP 0OHM 1/16W
R314	061T0603000	CHIP 0OHM 1/16W
R321	061T0603000	CHIP 0OHM 1/16W
R400	061T0603000	CHIP 0OHM 1/16W
R401	061T0603000	CHIP 0OHM 1/16W
R500	061T0603000	CHIP 0OHM 1/16W
R501	061T0603000	CHIP 0OHM 1/16W
R502	061T0603000	CHIP 0OHM 1/16W
R305	061T0603101	CHIP 100OHM 1/16W
R308	061T0603101	CHIP 100OHM 1/16W
R369	061T0603101	CHIP 100OHM 1/16W
R371	061T0603101	CHIP 100OHM 1/16W
R380	061T0603101	CHIP 100OHM 1/16W
R381	061T0603101	CHIP 100OHM 1/16W

R384	061T0603101	CHIP 100OHM 1/16W
R385	061T0603101	CHIP 100OHM 1/16W
R386	061T0603101	CHIP 100OHM 1/16W
R387	061T0603101	CHIP 100OHM 1/16W
R391	061T0603101	CHIP 100OHM 1/16W
R639	061T0603101	CHIP 100OHM 1/16W
R646	061T0603101	CHIP 100OHM 1/16W
R647	061T0603101	CHIP 100OHM 1/16W
R648	061T0603101	CHIP 100OHM 1/16W
R649	061T0603101	CHIP 100OHM 1/16W
R362	061T0603101	CHIP 100OHM 1/16W
R309	061T0603101	CHIP 100OHM 1/16W
R319	061T0603101	CHIP 100OHM 1/16W
R320	061T0603101	CHIP 100OHM 1/16W
R330	061T0603101	CHIP 100OHM 1/16W
R336	061T0603101	CHIP 100OHM 1/16W
R337	061T0603101	CHIP 100OHM 1/16W
R338	061T0603101	CHIP 100OHM 1/16W
R359	061T0603101	CHIP 100OHM 1/16W
R358	061T0603101	CHIP 100OHM 1/16W
R357	061T0603101	CHIP 100OHM 1/16W
R352	061T0603101	CHIP 100OHM 1/16W
R349	061T0603101	CHIP 100OHM 1/16W
R345	061T0603101	CHIP 100OHM 1/16W
R339	061T0603101	CHIP 100OHM 1/16W
R524	061T0603102	CHIP 1K OHM 1/16W
R516	061T0603102	CHIP 1K OHM 1/16W
R515	061T0603102	CHIP 1K OHM 1/16W
R404	061T0603102	CHIP 1K OHM 1/16W
R370	061T0603102	CHIP 1K OHM 1/16W
R219	061T0603102	CHIP 1K OHM 1/16W
R209	061T0603102	CHIP 1K OHM 1/16W
R208	061T0603102	CHIP 1K OHM 1/16W
R207	061T0603102	CHIP 1K OHM 1/16W
R118	061T0603102	CHIP 1K OHM 1/16W
R117	061T0603102	CHIP 1K OHM 1/16W
R116	061T0603102	CHIP 1K OHM 1/16W
R112	061T0603102	CHIP 1K OHM 1/16W
R113	061T0603103	CHIP 10KOHM 1/16W
R114	061T0603103	CHIP 10KOHM 1/16W
R216	061T0603103	CHIP 10KOHM 1/16W
R220	061T0603103	CHIP 10KOHM 1/16W
R225	061T0603103	CHIP 10KOHM 1/16W
R328	061T0603103	CHIP 10KOHM 1/16W
R361	061T0603103	CHIP 10KOHM 1/16W
R363	061T0603103	CHIP 10KOHM 1/16W
R364	061T0603103	CHIP 10KOHM 1/16W
R411	061T0603103	CHIP 10KOHM 1/16W
R419	061T0603103	CHIP 10KOHM 1/16W
R421	061T0603103	CHIP 10KOHM 1/16W
R602	061T0603103	CHIP 10KOHM 1/16W
R625	061T0603103	CHIP 10KOHM 1/16W
R626	061T0603103	CHIP 10KOHM 1/16W
R630	061T0603103	CHIP 10KOHM 1/16W
R632	061T0603103	CHIP 10KOHM 1/16W
R638	061T0603103	CHIP 10KOHM 1/16W

R642	061T0603103	CHIP 10KOHM 1/16W
R643	061T0603103	CHIP 10KOHM 1/16W
R651	061T0603103	CHIP 10KOHM 1/16W
R723	061T0603103	CHIP 10KOHM 1/16W
R725	061T0603103	CHIP 10KOHM 1/16W
R732	061T0603104	CHIP 100K OHM 1/16W
R640	061T0603104	CHIP 100K OHM 1/16W
R125	061T0603104	CHIP 100K OHM 1/16W
R122	061T0603105	CHIP 1MOHM 1/16W
R416	061T0603105	CHIP 1MOHM 1/16W
R203	061T0603150	RST CHIPR 15 OHM +-5% 1/10W
R204	061T0603150	RST CHIPR 15 OHM +-5% 1/10W
R205	061T0603150	RST CHIPR 15 OHM +-5% 1/10W
R206	061T0603150	RST CHIPR 15 OHM +-5% 1/10W
R124	061T0603184	RST CHIPR 180 KOHM +-5% 1/10W
R120	061T0603184	RST CHIPR 180 KOHM +-5% 1/10W
R374	061T0603202	RST CHIPR 2 KOHM +-5% 1/10W
R332	061T0603220	CHIP 22OHM 1/16W
R327	061T0603220	CHIP 22OHM 1/16W
R326	061T0603220	CHIP 22OHM 1/16W
R324	061T0603220	CHIP 22OHM 1/16W
R323	061T0603220	CHIP 22OHM 1/16W
R322	061T0603220	CHIP 22OHM 1/16W
R111	061T0603220	CHIP 22OHM 1/16W
R109	061T0603220	CHIP 22OHM 1/16W
R107	061T0603220	CHIP 22OHM 1/16W
R106	061T0603220	CHIP 22OHM 1/16W
R360	061T0603221	CHIP 220OHM 1/16W
R119	061T0603222	CHIP 2.2K OHM 1/16W
R121	061T0603222	CHIP 2.2K OHM 1/16W
R718	061T0603223	CHIP 22KOHM 1/16W
R719	061T0603223	CHIP 22KOHM 1/16W
R721	061T0603223	CHIP 22KOHM 1/16W
R726	061T0603223	CHIP 22KOHM 1/16W
R637	061T0603243	RST CHIPR 24 KOHM +-5% 1/10W
R627	061T0603243	RST CHIPR 24 KOHM +-5% 1/10W
R628	061T0603273	RST CHIPR 27 KOHM +-5% 1/10W
R635	061T0603273	RST CHIPR 27 KOHM +-5% 1/10W
R412	061T0603330	CHIP 33OHM 1/16W
R318	061T0603330	CHIP 33OHM 1/16W
R317	061T0603330	CHIP 33OHM 1/16W
R312	061T0603330	CHIP 33OHM 1/16W
R311	061T0603330	CHIP 33OHM 1/16W
R213	061T0603330	CHIP 33OHM 1/16W
R212	061T0603330	CHIP 33OHM 1/16W
R223	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R409	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R417	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R302	061T0603472	CHIP 4.7KOHM 1/16W
R382	061T0603472	CHIP 4.7KOHM 1/16W
R375	061T0603472	CHIP 4.7KOHM 1/16W
R376	061T0603472	CHIP 4.7KOHM 1/16W
R378	061T0603472	CHIP 4.7KOHM 1/16W
R379	061T0603472	CHIP 4.7KOHM 1/16W
R525	061T0603472	CHIP 4.7KOHM 1/16W
R522	061T0603472	CHIP 4.7KOHM 1/16W

R425	061T0603472	CHIP 4.7KOHM 1/16W
R424	061T0603472	CHIP 4.7KOHM 1/16W
R423	061T0603472	CHIP 4.7KOHM 1/16W
R422	061T0603472	CHIP 4.7KOHM 1/16W
R420	061T0603472	CHIP 4.7KOHM 1/16W
R414	061T0603472	CHIP 4.7KOHM 1/16W
R406	061T0603472	CHIP 4.7KOHM 1/16W
R403	061T0603472	CHIP 4.7KOHM 1/16W
R402	061T0603472	CHIP 4.7KOHM 1/16W
R395	061T0603472	CHIP 4.7KOHM 1/16W
R394	061T0603472	CHIP 4.7KOHM 1/16W
R392	061T0603472	CHIP 4.7KOHM 1/16W
R390	061T0603472	CHIP 4.7KOHM 1/16W
R389	061T0603472	CHIP 4.7KOHM 1/16W
R373	061T0603472	CHIP 4.7KOHM 1/16W
R383	061T0603472	CHIP 4.7KOHM 1/16W
R388	061T0603472	CHIP 4.7KOHM 1/16W
R303	061T0603472	CHIP 4.7KOHM 1/16W
R304	061T0603472	CHIP 4.7KOHM 1/16W
R315	061T0603472	CHIP 4.7KOHM 1/16W
R316	061T0603472	CHIP 4.7KOHM 1/16W
R325	061T0603472	CHIP 4.7KOHM 1/16W
R333	061T0603472	CHIP 4.7KOHM 1/16W
R334	061T0603472	CHIP 4.7KOHM 1/16W
R335	061T0603472	CHIP 4.7KOHM 1/16W
R342	061T0603472	CHIP 4.7KOHM 1/16W
R343	061T0603472	CHIP 4.7KOHM 1/16W
R344	061T0603472	CHIP 4.7KOHM 1/16W
R350	061T0603472	CHIP 4.7KOHM 1/16W
R355	061T0603472	CHIP 4.7KOHM 1/16W
R356	061T0603472	CHIP 4.7KOHM 1/16W
R366	061T0603472	CHIP 4.7KOHM 1/16W
R367	061T0603472	CHIP 4.7KOHM 1/16W
R368	061T0603472	CHIP 4.7KOHM 1/16W
R372	061T0603472	CHIP 4.7KOHM 1/16W
R218	061T0603472	CHIP 4.7KOHM 1/16W
R217	061T0603472	CHIP 4.7KOHM 1/16W
R331	061T0603473	CHIP 47KOHM 1/16W
R620	061T0603473	CHIP 47KOHM 1/16W
R621	061T0603473	CHIP 47KOHM 1/16W
R622	061T0603473	CHIP 47KOHM 1/16W
R623	061T0603473	CHIP 47KOHM 1/16W
R624	061T0603473	CHIP 47KOHM 1/16W
R629	061T0603473	CHIP 47KOHM 1/16W
R715	061T0603473	CHIP 47KOHM 1/16W
R716	061T0603473	CHIP 47KOHM 1/16W
R717	061T0603473	CHIP 47KOHM 1/16W
R724	061T0603473	CHIP 47KOHM 1/16W
R201	061T0603510	RST CHIPR 51 OHM +-5% 1/10W
R202	061T0603510	RST CHIPR 51 OHM +-5% 1/10W
R641	061T0603561	RST CHIPR 560 OHM +-5% 1/10W
R650	061T0603561	RST CHIPR 560 OHM +-5% 1/10W
R520	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R519	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R415	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R413	061T0603680	RST CHIPR 68 OHM +-5% 1/10W

R222	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R221	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R103	061T0603750	75OHM
R104	061T0603750	75OHM
R105	061T0603750	75OHM
R508	061T0603750	75OHM
R511	061T0603750	75OHM
R513	061T0603750	75OHM
R517	061T0603750	75OHM
R518	061T0603750	75OHM
R729	061T0603752	RST CHIPR 7.5 KOHM +-5% 1/10W
R730	061T0603752	RST CHIPR 7.5 KOHM +-5% 1/10W
R365	061T0603822	RST CHIPR 8.2 KOHM +-5% 1/10W
R606	061T0603912	CHIP 9.1K OHM 1/16W
R611	061T0603912	CHIP 9.1K OHM 1/16W
R100	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
R731	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
L205	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
L206	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
R722	061T0805302	RST CHIPR 3 KOHM +-5% 1/8W
R720	061T0805302	RST CHIPR 3 KOHM +-5% 1/8W
C107	065T0603101 32	CHIP 100PF 50V X7R
C118	065T0603101 32	CHIP 100PF 50V X7R
C305	065T0603101 32	CHIP 100PF 50V X7R
C306	065T0603101 32	CHIP 100PF 50V X7R
C309	065T0603101 32	CHIP 100PF 50V X7R
C610	065T0603101 32	CHIP 100PF 50V X7R
C615	065T0603101 32	CHIP 100PF 50V X7R
C629	065T0603101 32	CHIP 100PF 50V X7R
C632	065T0603101 32	CHIP 100PF 50V X7R
C633	065T0603101 32	CHIP 100PF 50V X7R
C100	065T0603102 32	CHIP 1000PF 50V X7R
C420	065T0603102 32	CHIP 1000PF 50V X7R
C421	065T0603102 32	CHIP 1000PF 50V X7R
C425	065T0603102 32	CHIP 1000PF 50V X7R
C426	065T0603102 32	CHIP 1000PF 50V X7R
C427	065T0603102 32	CHIP 1000PF 50V X7R
C445	065T0603102 32	CHIP 1000PF 50V X7R
C446	065T0603102 32	CHIP 1000PF 50V X7R
C447	065T0603102 32	CHIP 1000PF 50V X7R
C448	065T0603102 32	CHIP 1000PF 50V X7R
C449	065T0603102 32	CHIP 1000PF 50V X7R
C450	065T0603102 32	CHIP 1000PF 50V X7R
C626	065T0603102 32	CHIP 1000PF 50V X7R
C122	065T0603102 32	CHIP 1000PF 50V X7R
C313	065T0603102 32	CHIP 1000PF 50V X7R
C406	065T0603102 32	CHIP 1000PF 50V X7R
C407	065T0603102 32	CHIP 1000PF 50V X7R
C408	065T0603102 32	CHIP 1000PF 50V X7R
C409	065T0603102 32	CHIP 1000PF 50V X7R
C410	065T0603102 32	CHIP 1000PF 50V X7R
C411	065T0603102 32	CHIP 1000PF 50V X7R
C412	065T0603102 32	CHIP 1000PF 50V X7R
C413	065T0603102 32	CHIP 1000PF 50V X7R
C418	065T0603102 32	CHIP 1000PF 50V X7R
C419	065T0603102 32	CHIP 1000PF 50V X7R

C652	065T0603103 32	CHIP 0.01UF 50V X7R
C651	065T0603103 32	CHIP 0.01UF 50V X7R
C650	065T0603103 32	CHIP 0.01UF 50V X7R
C649	065T0603103 32	CHIP 0.01UF 50V X7R
C432	065T0603103 32	CHIP 0.01UF 50V X7R
C400	065T0603103 32	CHIP 0.01UF 50V X7R
C302	065T0603103 32	CHIP 0.01UF 50V X7R
C300	065T0603103 32	CHIP 0.01UF 50V X7R
C214	065T0603103 32	CHIP 0.01UF 50V X7R
C209	065T0603103 32	CHIP 0.01UF 50V X7R
C208	065T0603103 32	CHIP 0.01UF 50V X7R
C207	065T0603103 32	CHIP 0.01UF 50V X7R
C206	065T0603103 32	CHIP 0.01UF 50V X7R
C205	065T0603103 32	CHIP 0.01UF 50V X7R
C200	065T0603103 32	CHIP 0.01UF 50V X7R
C290	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C291	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C292	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C293	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C294	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C298	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C307	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C402	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C403	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C404	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C405	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C414	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C416	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C417	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C422	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C424	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C429	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C431	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C433	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C441	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C289	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C269	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C270	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C271	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C272	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C273	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C274	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C275	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C276	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C277	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C278	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C279	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C280	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C281	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C282	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C283	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C284	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C285	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C286	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C287	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C288	065T0603104 12	MLCC 0603 0.1UF K 16V X7R

C116	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C114	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C113	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C112	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C111	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C267	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C266	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C265	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C263	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C262	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C261	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C260	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C259	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C258	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C257	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C232	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C237	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C238	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C242	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C246	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C247	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C249	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C250	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C253	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C255	065T0603104 12	MLCC 0603 0.1UF K 16V X7R
C234	065T0603104 32	CHIP 0.1UF 50V X7R
C240	065T0603104 32	CHIP 0.1UF 50V X7R
C241	065T0603104 32	CHIP 0.1UF 50V X7R
C251	065T0603104 32	CHIP 0.1UF 50V X7R
C252	065T0603104 32	CHIP 0.1UF 50V X7R
C299	065T0603104 32	CHIP 0.1UF 50V X7R
C613	065T0603104 32	CHIP 0.1UF 50V X7R
C621	065T0603104 32	CHIP 0.1UF 50V X7R
C653	065T0603104 32	CHIP 0.1UF 50V X7R
C109	065T0603104 32	CHIP 0.1UF 50V X7R
C110	065T0603104 32	CHIP 0.1UF 50V X7R
C142	065T0603104 32	CHIP 0.1UF 50V X7R
C143	065T0603104 32	CHIP 0.1UF 50V X7R
C216	065T0603104 32	CHIP 0.1UF 50V X7R
C217	065T0603104 32	CHIP 0.1UF 50V X7R
C218	065T0603104 32	CHIP 0.1UF 50V X7R
C221	065T0603104 32	CHIP 0.1UF 50V X7R
C231	065T0603104 32	CHIP 0.1UF 50V X7R
C428	065T0603105 12	CHIP 1UF 16V X7R
C437	065T0603180 31	CHIP 18PF 50V NPO
C439	065T0603180 31	CHIP 18PF 50V NPO
C624	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C620	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C614	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C612	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C521	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C520	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C519	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C518	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C517	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C516	065T0603223 32	CHIP 0.022UF 50V X7R 0603

C515	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C514	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C513	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C512	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C511	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C510	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C509	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C507	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C502	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C501	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C500	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C532	065T0603271 31	CHIP 270PF 50V NPO
C529	065T0603271 31	CHIP 270PF 50V NPO
C525	065T0603271 31	CHIP 270PF 50V NPO
C503	065T0603271 31	CHIP 270PF 50V NPO
C244	065T0603272 32	CHIP 2700PF 50V X7R
C235	065T0603272 32	CHIP 2700PF 50V X7R
C436	065T0603272 32	CHIP 2700PF 50V X7R
C451	065T0603272 32	CHIP 2700PF 50V X7R
C506	065T0603272 32	CHIP 2700PF 50V X7R
C527	065T0603272 32	CHIP 2700PF 50V X7R
C531	065T0603272 32	CHIP 2700PF 50V X7R
C534	065T0603272 32	CHIP 2700PF 50V X7R
C523	065T0603330 31	CHIP 33PF 50V NPO
C522	065T0603330 31	CHIP 33PF 50V NPO
C311	065T0603330 31	CHIP 33PF 50V NPO
C310	065T0603330 31	CHIP 33PF 50V NPO
C220	065T0603330 31	CHIP 33PF 50V NPO
C219	065T0603330 31	CHIP 33PF 50V NPO
C199	065T0603391 31	CHIP 390PF 50V NPO
C108	065T0603470 31	CHIP 47PF 50V NPO
C637	065T0603471 31	CHIP 470PF 50V NPO
C639	065T0603471 31	CHIP 470PF 50V NPO
C642	065T0603471 31	CHIP 470PF 50V NPO
C643	065T0603471 31	CHIP 470PF 50V NPO
C210	065T0603472 32	CHIP 4700PF 50V X7R
C211	065T0603472 32	CHIP 4700PF 50V X7R
C115	065T0603473 32	CHIP 0.047UF 50V X7R
C123	065T0603473 32	CHIP 0.047UF 50V X7R
C627	065T0603474 17	CHIP 0.47UF 16V Y5V
C618	065T0603474 17	CHIP 0.47UF 16V Y5V
C616	065T0603474 17	CHIP 0.47UF 16V Y5V
C611	065T0603474 17	CHIP 0.47UF 16V Y5V
C609	065T0603474 17	CHIP 0.47UF 16V Y5V
C117	065T0603474 27	CHIP 0.47UF 25V Y5V
C124	065T0603474 27	CHIP 0.47UF 25V Y5V
C297	065T0603680 31	CHIP 68PF 50V NPO
C296	065T0603680 31	CHIP 68PF 50V NPO
C504	065T0603681 31	CHIP 680PF 50V NPO
C533	065T0603681 31	CHIP 680PF 50V NPO
C526	065T0603681 31	CHIP 680PF 50V NPO
C530	065T0603681 31	CHIP 680PF 50V NPO
C766	065T0805105 12	1UF +-10% 16V X7R
C765	065T0805105 12	1UF +-10% 16V X7R
C430	065T0805105 12	1UF +-10% 16V X7R
C638	065T0805225 17	CHIP 2.2UF 16V Y5V

C644	065T0805225 17	CHIP 2.2UF 16V Y5V
C647	065T0805225 17	CHIP 2.2UF 16V Y5V
C648	065T0805225 17	CHIP 2.2UF 16V Y5V
C315	067T 312100 3	SMD EC 10UF 16V 85C B
C401	067T 312100 3	SMD EC 10UF 16V 85C B
C415	067T 312100 3	SMD EC 10UF 16V 85C B
C423	067T 312100 3	SMD EC 10UF 16V 85C B
C440	067T 312100 3	SMD EC 10UF 16V 85C B
C456	067T 312100 3	SMD EC 10UF 16V 85C B
C635	067T 312100 3	SMD EC 10UF 16V 85C B
C636	067T 312100 3	SMD EC 10UF 16V 85C B
C641	067T 312100 3	SMD EC 10UF 16V 85C B
C706	067T 312100 3	SMD EC 10UF 16V 85C B
C707	067T 312100 3	SMD EC 10UF 16V 85C B
C716	067T 312100 3	SMD EC 10UF 16V 85C B
C723	067T 312100 3	SMD EC 10UF 16V 85C B
C725	067T 312100 3	SMD EC 10UF 16V 85C B
C731	067T 312100 3	SMD EC 10UF 16V 85C B
C740	067T 312100 3	SMD EC 10UF 16V 85C B
C747	067T 312100 3	SMD EC 10UF 16V 85C B
C751	067T 312100 3	SMD EC 10UF 16V 85C B
C752	067T 312100 3	SMD EC 10UF 16V 85C B
C763	067T 312100 3	SMD EC 10UF 16V 85C B
C762	067T 312100 3	SMD EC 10UF 16V 85C B
C761	067T 312100 3	SMD EC 10UF 16V 85C B
C753	067T 312100 3	SMD EC 10UF 16V 85C B
C102	067T 312100 3	SMD EC 10UF 16V 85C B
C233	067T 312100 3	SMD EC 10UF 16V 85C B
C236	067T 312100 3	SMD EC 10UF 16V 85C B
C239	067T 312100 3	SMD EC 10UF 16V 85C B
C243	067T 312100 3	SMD EC 10UF 16V 85C B
C245	067T 312100 3	SMD EC 10UF 16V 85C B
C248	067T 312100 3	SMD EC 10UF 16V 85C B
C254	067T 312100 3	SMD EC 10UF 16V 85C B
C256	067T 312100 3	SMD EC 10UF 16V 85C B
C264	067T 312100 3	SMD EC 10UF 16V 85C B
C268	067T 312100 3	SMD EC 10UF 16V 85C B
C301	067T 312100 3	SMD EC 10UF 16V 85C B
C303	067T 312100 3	SMD EC 10UF 16V 85C B
C304	067T 312100 3	SMD EC 10UF 16V 85C B
C314	067T 312100 3	SMD EC 10UF 16V 85C B
C308	067T 312101 3	SMD EC 100UF 16V 85C D
C312	067T 312101 3	SMD EC 100UF 16V 85C D
C607	067T 312109 7	SMD EC 1UF 50V 85C
C738	067T 312220 3	SMD EC 22UF 16V 85C
C736	067T 312220 3	SMD EC 22UF 16V 85C
C733	067T 312220 3	SMD EC 22UF 16V 85C
C729	067T 312220 3	SMD EC 22UF 16V 85C
C721	067T 312220 3	SMD EC 22UF 16V 85C
C718	067T 312220 3	SMD EC 22UF 16V 85C
C714	067T 312220 3	SMD EC 22UF 16V 85C
C711	067T 312220 3	SMD EC 22UF 16V 85C
C704	067T 312220 3	SMD EC 22UF 16V 85C
C295	067T 312220 3	SMD EC 22UF 16V 85C
C215	067T 312220 3	SMD EC 22UF 16V 85C
C757	067T 312220 3	SMD EC 22UF 16V 85C

C759	067T 312220 3	SMD EC 22UF 16V 85C
C435	067T 312339 3T	CHIP EC 3.3UF 16V 85C
C438	067T 312339 3T	CHIP EC 3.3UF 16V 85C
C453	067T 312339 3T	CHIP EC 3.3UF 16V 85C
C454	067T 312339 3T	CHIP EC 3.3UF 16V 85C
C749	067T 312470 3	SMD EC 47UF 16V 85C D
C748	067T 312470 3	SMD EC 47UF 16V 85C D
C726	067T 312470 3	SMD EC 47UF 16V 85C D
C712	067T 312470 3	SMD EC 47UF 16V 85C D
C709	067T 312470 3	SMD EC 47UF 16V 85C D
C640	067T 312470 3	SMD EC 47UF 16V 85C D
C634	067T 312470 3	SMD EC 47UF 16V 85C D
C630	067T 312470 3	SMD EC 47UF 16V 85C D
LP10	071T 56A121 8T	CHIP BEAD ARRAY 120 OHM
FB10	071T 56G151 A	CHIOP BEAD 150 OHM
FB11	071T 56G151 A	CHIOP BEAD 150 OHM
FB200	071T 56G151 A	CHIOP BEAD 150 OHM
FB201	071T 56G151 A	CHIOP BEAD 150 OHM
FB202	071T 56G151 A	CHIOP BEAD 150 OHM
FB203	071T 56G151 A	CHIOP BEAD 150 OHM
FB204	071T 56G151 A	CHIOP BEAD 150 OHM
FB205	071T 56G151 A	CHIOP BEAD 150 OHM
FB206	071T 56G151 A	CHIOP BEAD 150 OHM
FB40	071T 56G151 A	CHIOP BEAD 150 OHM
FB41	071T 56G151 A	CHIOP BEAD 150 OHM
FB42	071T 56G151 A	CHIOP BEAD 150 OHM
FB43	071T 56G151 A	CHIOP BEAD 150 OHM
FB44	071T 56G151 A	CHIOP BEAD 150 OHM
L203	071T 56G151 B	BEAD 0805 150 OHM
L103	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L204	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L30	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L601	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L612	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L613	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L614	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L615	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L700	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L703	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L704	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L705	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L707	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L708	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L712	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L715	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L720	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L721	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L722	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L102	071T 56U601	BEAD 600 OHM
L607	071T 56U601	BEAD 600 OHM
L104	071T 56U601	BEAD 600 OHM
L611	071T 56U601	BEAD 600 OHM
L610	071T 56U601	BEAD 600 OHM
L609	071T 56U601	BEAD 600 OHM
L608	071T 56U601	BEAD 600 OHM
L719	071T 56U601	BEAD 600 OHM

L713	071T 56U601	BEAD 600 OHM
L101	071T 56U601	BEAD 600 OHM
L100	071T 56U601	BEAD 600 OHM
L709	071T 56U601	BEAD 600 OHM
L710	071T 56U601	BEAD 600 OHM
L711	071T 56U601	BEAD 600 OHM
L201	071T 57G601	BEAD 1206 600 OHM
L202	071T 57G601	BEAD 1206 600 OHM
L200	071T 57G601	BEAD 1206 600 OHM
L40	073T253S 6 T GP	SMD CHOKE 90 OHM ACM2012D-900
L43	073T253S 6 T GP	SMD CHOKE 90 OHM ACM2012D-900
L42	073T253S 6 T GP	SMD CHOKE 90 OHM ACM2012D-900
L41	073T253S 6 T GP	SMD CHOKE 90 OHM ACM2012D-900
U31	087T 202 32 NY	IC SOCKET 32PIN PLCC
P40	088T 340 19 HA	HDMI CONNECTOR
ZD10	093T 39147	TZMC 5V6
ZD11	093T 39147	TZMC 5V6
ZD600	093T 39147	TZMC 5V6
D100	093T 60230	BAT54C BY MCC
D40	093T 60230	BAT54C BY MCC
D104	093T 60231	NO APP BAT54S SOT-23
D105	093T 60231	NO APP BAT54S SOT-23
D601	093T 64 42 P	BAV70 SOT23
D103	093T 6432V	LL4148-GSO8 SMD BY VISHA
D102	093T 6432V	LL4148-GSO8 SMD BY VISHA
D101	093T 6432V	LL4148-GSO8 SMD BY VISHA
ZD30	093T 39S 60 T	MLL5227B
	715T1616 B 2	MAIN BOARD PCB
U1	056T 133 30AAC	AZ1117H-ADJ-E1
U5	056T 133 30AAC	AZ1117H-ADJ-E1
U2	056T 585 11	AZ1117D-5.0-E1
U4	056T 593 8	IC MSP3410G-QI-C12-100 MICRONAS
U3	056T 638 2	AN15857A QFH064-P-1414H
Q9	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q8	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q1	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q7	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q6	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q5	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q4	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q10	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q11	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q3	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q2	057T 417 4	CHIP PMBS3904 BY PHILIPS
R89	061T0603000	CHIP 0OHM 1/16W
R90	061T0603000	CHIP 0OHM 1/16W
R88	061T0603000	CHIP 0OHM 1/16W
R35	061T0603000	CHIP 0OHM 1/16W
R38	061T0603100	CHIP 10OHM 1/16W
R41	061T0603100	CHIP 10OHM 1/16W
R45	061T0603100	CHIP 10OHM 1/16W
R48	061T0603100	CHIP 10OHM 1/16W
R53	061T0603100	CHIP 10OHM 1/16W
R59	061T0603100	CHIP 10OHM 1/16W
R21	061T0603100	CHIP 10OHM 1/16W
R30	061T0603100	CHIP 10OHM 1/16W

R43	061T0603102	CHIP 1K OHM 1/16W
R85	061T0603102	CHIP 1K OHM 1/16W
R73	061T0603103	CHIP 10KOHM 1/16W
R83	061T0603103	CHIP 10KOHM 1/16W
R68	061T0603112	RST CHIPR 1.1 KOHM +-5% 1/10W
R80	061T0603112	RST CHIPR 1.1 KOHM +-5% 1/10W
R5	061T0603123	RST CHIPR 12 KOHM +-5% 1/10W
R24	061T0603123	RST CHIPR 12 KOHM +-5% 1/10W
R66	061T0603181	RST CHIPR 180 OHM +-5% 1/10W
R14	061T0603183	RST CHIPR 18 KOHM +-5% 1/10W
R23	061T0603183	RST CHIPR 18 KOHM +-5% 1/10W
R32	061T0603183	RST CHIPR 18 KOHM +-5% 1/10W
R67	061T0603201	RST CHIPR 200 OHM +-5% 1/10W
R76	061T0603220	CHIP 22OHM 1/16W
R75	061T0603220	CHIP 22OHM 1/16W
R12	061T0603223	CHIP 22KOHM 1/16W
R16	061T0603223	CHIP 22KOHM 1/16W
R26	061T0603223	CHIP 22KOHM 1/16W
R79	061T0603224	RST CHIPR 220 KOHM +-5% 1/10W
R82	061T0603392	CHIP 3.9KOHM 1/16W
R81	061T0603392	CHIP 3.9KOHM 1/16W
R15	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R22	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R31	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R39	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R42	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R46	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R49	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R54	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R60	061T0603471	RST CHIPR 470OHM +-5% 1/10W
R87	061T0603472	CHIP 4.7KOHM 1/16W
R110	061T0603473	CHIP 47KOHM 1/16W
R109	061T0603473	CHIP 47KOHM 1/16W
R58	061T0603473	CHIP 47KOHM 1/16W
R57	061T0603473	CHIP 47KOHM 1/16W
R4	061T0603473	CHIP 47KOHM 1/16W
R3	061T0603473	CHIP 47KOHM 1/16W
R20	061T0603473	CHIP 47KOHM 1/16W
R2	061T0603473	CHIP 47KOHM 1/16W
R19	061T0603473	CHIP 47KOHM 1/16W
R18	061T0603473	CHIP 47KOHM 1/16W
R17	061T0603473	CHIP 47KOHM 1/16W
R1	061T0603473	CHIP 47KOHM 1/16W
R72	061T0603681	RST CHIPR 680 OHM +-5% 1/10W
R71	061T0603681	RST CHIPR 680 OHM +-5% 1/10W
R70	061T0603681	RST CHIPR 680 OHM +-5% 1/10W
R69	061T0603681	RST CHIPR 680 OHM +-5% 1/10W
R65	061T0603681	RST CHIPR 680 OHM +-5% 1/10W
R64	061T0603681	RST CHIPR 680 OHM +-5% 1/10W
R50	061T0603750	75OHM
R51	061T0603750	75OHM
R52	061T0603750	75OHM
R55	061T0603750	75OHM
R56	061T0603750	75OHM
R61	061T0603750	75OHM
R62	061T0603750	75OHM

R63	061T0603750	75OHM
R7	061T0603750	75OHM
R47	061T0603750	75OHM
R44	061T0603750	75OHM
R40	061T0603750	75OHM
R37	061T0603750	75OHM
R36	061T0603750	75OHM
R28	061T0603750	75OHM
R27	061T0603750	75OHM
R13	061T0603750	75OHM
R11	061T0603750	75OHM
R10	061T0603750	75OHM
R8	061T0603750	75OHM
R86	061T0603750	75OHM
R9	061T0603750	75OHM
R105	061T0603912	CHIP 9.1K OHM 1/16W
R106	061T0603912	CHIP 9.1K OHM 1/16W
R101	061T0805220	RST CHIPR 22 OHM +-5% 1/8W
C11	065T0603101 31	CHIP 100PF 50V NPO
C99	065T0603101 32	CHIP 100PF 50V X7R
C129	065T0603102 31	CHIP 1000PF 50V NPO
C130	065T0603102 31	CHIP 1000PF 50V NPO
C75	065T0603102 32	CHIP 1000PF 50V X7R
C74	065T0603102 32	CHIP 1000PF 50V X7R
C60	065T0603102 32	CHIP 1000PF 50V X7R
C59	065T0603102 32	CHIP 1000PF 50V X7R
C5	065T0603102 32	CHIP 1000PF 50V X7R
C4	065T0603102 32	CHIP 1000PF 50V X7R
C3	065T0603102 32	CHIP 1000PF 50V X7R
C18	065T0603102 32	CHIP 1000PF 50V X7R
C17	065T0603102 32	CHIP 1000PF 50V X7R
C16	065T0603102 32	CHIP 1000PF 50V X7R
C109	065T0603103 32	CHIP 0.01UF 50V X7R
C108	065T0603103 32	CHIP 0.01UF 50V X7R
C98	065T0603104 32	CHIP 0.1UF 50V X7R
C92	065T0603104 32	CHIP 0.1UF 50V X7R
C83	065T0603104 32	CHIP 0.1UF 50V X7R
C73	065T0603104 32	CHIP 0.1UF 50V X7R
C68	065T0603104 32	CHIP 0.1UF 50V X7R
C63	065T0603104 32	CHIP 0.1UF 50V X7R
C62	065T0603104 32	CHIP 0.1UF 50V X7R
C35	065T0603104 32	CHIP 0.1UF 50V X7R
C34	065T0603104 32	CHIP 0.1UF 50V X7R
C32	065T0603104 32	CHIP 0.1UF 50V X7R
C31	065T0603104 32	CHIP 0.1UF 50V X7R
C30	065T0603104 32	CHIP 0.1UF 50V X7R
C29	065T0603104 32	CHIP 0.1UF 50V X7R
C20	065T0603104 32	CHIP 0.1UF 50V X7R
C133	065T0603104 32	CHIP 0.1UF 50V X7R
C132	065T0603104 32	CHIP 0.1UF 50V X7R
C13	065T0603104 32	CHIP 0.1UF 50V X7R
C107	065T0603104 32	CHIP 0.1UF 50V X7R
C106	065T0603104 32	CHIP 0.1UF 50V X7R
C1	065T0603222 32	CHIP 2200PF 50V X7R
C14	065T0603222 32	CHIP 2200PF 50V X7R
C15	065T0603222 32	CHIP 2200PF 50V X7R

C2	065T0603222 32	CHIP 2200PF 50V X7R
C64	065T0603470 31	CHIP 47PF 50V NPO
C65	065T0603470 31	CHIP 47PF 50V NPO
C66	065T0603470 31	CHIP 47PF 50V NPO
C102	065T0603471 31	CHIP 470PF 50V NPO
C103	065T0603471 31	CHIP 470PF 50V NPO
C72	065T0603471 32	CHIP 470PF 50V NPO
C82	065T0603471 32	CHIP 470PF 50V NPO
C97	065T0603471 32	CHIP 470PF 50V NPO
C77	065T0603473 32	CHIP 0.047UF 50V X7R
C76	065T0603473 32	CHIP 0.047UF 50V X7R
C125	065T0603474 17	CHIP 0.47UF 16V Y5V
C126	065T0603474 17	CHIP 0.47UF 16V Y5V
C127	065T0603474 17	CHIP 0.47UF 16V Y5V
C128	065T0603474 17	CHIP 0.47UF 16V Y5V
C43	065T0603474 27	CHIP 0.47UF 25V Y5V
C41	065T0603474 27	CHIP 0.47UF 25V Y5V
C89	065T0603509 31	CHIP 5PF 50V NPO
C90	065T0603509 31	CHIP 5PF 50V NPO
C86	065T0603560 31	CHIP 56PF 50V NPO
C87	065T0603560 31	CHIP 56PF 50V NPO
C88	065T0603560 31	CHIP 56PF 50V NPO
C10	065T0603680 31	CHIP 68PF 50V NPO
C22	065T0603680 31	CHIP 68PF 50V NPO
C23	065T0603680 31	CHIP 68PF 50V NPO
C24	065T0603680 31	CHIP 68PF 50V NPO
C56	065T0603680 31	CHIP 68PF 50V NPO
C57	065T0603680 31	CHIP 68PF 50V NPO
C58	065T0603680 31	CHIP 68PF 50V NPO
C6	065T0603680 31	CHIP 68PF 50V NPO
C7	065T0603680 31	CHIP 68PF 50V NPO
C8	065T0603680 31	CHIP 68PF 50V NPO
C9	065T0603680 31	CHIP 68PF 50V NPO
C105	065T0805105 17	CHIP 1UF 16V Y5V
C104	065T0805105 17	CHIP 1UF 16V Y5V
C46	065T0805225 17	CHIP 2.2UF 16V Y5V
C47	065T0805225 17	CHIP 2.2UF 16V Y5V
C48	065T0805225 17	CHIP 2.2UF 16V Y5V
C49	065T0805225 17	CHIP 2.2UF 16V Y5V
C50	065T0805225 17	CHIP 2.2UF 16V Y5V
C51	065T0805225 17	CHIP 2.2UF 16V Y5V
C52	065T0805225 17	CHIP 2.2UF 16V Y5V
C53	065T0805225 17	CHIP 2.2UF 16V Y5V
C54	065T0805225 17	CHIP 2.2UF 16V Y5V
C55	065T0805225 17	CHIP 2.2UF 16V Y5V
C78	065T0805225 17	CHIP 2.2UF 16V Y5V
C79	065T0805225 17	CHIP 2.2UF 16V Y5V
C80	065T0805225 17	CHIP 2.2UF 16V Y5V
C81	065T0805225 17	CHIP 2.2UF 16V Y5V
C131	067T 312220 3	SMD EC 22UF 16V 85C
C45	067T 312220 3	SMD EC 22UF 16V 85C
C42	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C40	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C39	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C38	067T 4121003XT	EC 85°C CHIP 10UF M 16V

C37	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C36	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C26	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C21	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C19	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C12	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C101	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C100	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C44	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C94	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C141	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C140	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C139	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C138	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C95	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C93	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C85	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C70	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C69	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C67	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C61	067T 4121003XT	EC 85°C CHIP 10UF M 16V
C96	067T 4124703XT	EC 85°C SMD CAP 47UF M 16V
C91	067T 4124703XT	EC 85°C SMD CAP 47UF M 16V
C84	067T 4124703XT	EC 85°C SMD CAP 47UF M 16V
C71	067T 4124703XT	EC 85°C SMD CAP 47UF M 16V
C33	067T 4124703XT	EC 85°C SMD CAP 47UF M 16V
C28	067T 4124703XT	EC 85°C SMD CAP 47UF M 16V
C27	067T 4124703XT	EC 85°C SMD CAP 47UF M 16V
R6	071T 56G151 A	CHIP BEAD 150 OHM
L14	071T 56G151 B	BEAD 0805 150 OHM
L25	071T 56G151 B	BEAD 0805 150 OHM
L15	071T 56G151 B	BEAD 0805 150 OHM
L16	071T 56G151 B	BEAD 0805 150 OHM
L19	071T 56G151 B	BEAD 0805 150 OHM
L20	071T 56G151 B	BEAD 0805 150 OHM
L21	071T 56G151 B	BEAD 0805 150 OHM
L26	071T 56G151 B	BEAD 0805 150 OHM
L27	071T 56G151 B	BEAD 0805 150 OHM
L5	071T 56G151 B	BEAD 0805 150 OHM
L6	071T 56G151 B	BEAD 0805 150 OHM
L7	071T 56G151 B	BEAD 0805 150 OHM
L8	071T 56G151 B	BEAD 0805 150 OHM
L9	071T 56G151 B	BEAD 0805 150 OHM
L34	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L17	071T 56G301 EA	CHIP BEAD 300 OHM 0805
L31	071T 56U601	BEAD 600 OHM
L30	071T 56U601	BEAD 600 OHM
L3	071T 56U601	BEAD 600 OHM
L29	071T 56U601	BEAD 600 OHM
L28	071T 56U601	BEAD 600 OHM
L32	071T 56U601	BEAD 600 OHM
L22	071T 56U601	BEAD 600 OHM
L23	071T 56U601	BEAD 600 OHM
L24	071T 56U601	BEAD 600 OHM
L4	071T 56U601	BEAD 600 OHM

L1	071T 56U601	BEAD 600 OHM
L10	071T 56U601	BEAD 600 OHM
L11	071T 56U601	BEAD 600 OHM
L12	071T 56U601	BEAD 600 OHM
L13	071T 56U601	BEAD 600 OHM
L18	071T 56U601	BEAD 600 OHM
L2	071T 56U601	BEAD 600 OHM
ZD20	093T 39147	TZMC 5V6
ZD19	093T 39147	TZMC 5V6
ZD18	093T 39147	TZMC 5V6
ZD17	093T 39147	TZMC 5V6
ZD11	093T 39147	TZMC 5V6
ZD10	093T 39147	TZMC 5V6
ZD5	093T 39147	TZMC 5V6
ZD7	093T 39147	TZMC 5V6
ZD8	093T 39147	TZMC 5V6
ZD9	093T 39147	TZMC 5V6
D10	093T 6432V	LL4148-GSO8 SMD BY VISHA
	715T1542 1	IO BOARD PCB
R3	061T0603000	CHIP 0OHM 1/16W
C1	065T0603471 32	CHIP 470PF 50V NPO
C2	065T0603471 32	CHIP 470PF 50V NPO
C3	065T0603472 32	CHIP 4700PF 50V X7R
FB8	071T 56G151 A	CHIOP BEAD 150 OHM
FB9	071T 56G151 A	CHIOP BEAD 150 OHM
FB7	071T 56G151 A	CHIOP BEAD 150 OHM
	715T1635 3	AUDIO BOARD PCB
Q1	057T 417 6	PMBS3906/PHILIPS-SMT
R43	061T0603101	CHIP 100OHM 1/16W
R45	061T0603103	CHIP 10KOHM 1/16W
R44	061T1206301	RST CHIPR 300 OHM +-5% 1/4W
R46	061T1206331	RST CHIPR 330 OHM +-5% 1/4W
C43	065T0603102 32 GP	CHIP 1000PF 50V X7R
C39	065T0603104 32	CHIP 0.1UF 50V X7R
C41	065T0603104 32	CHIP 0.1UF 50V X7R
C42	065T0603104 32	CHIP 0.1UF 50V X7R
C40	065T0805475 A5	CHIP 4.7UF 10V X5R
FB8	071T 59B601 EA	CHIP BEAD 600OHM 0603 TB1608
FB7	071T 59B601 EA	CHIP BEAD 600OHM 0603 TB1608
FB6	071T 59B601 EA	CHIP BEAD 600OHM 0603 TB1608
	715T1836 1 3	IR BOARD PCB
CN1	033T8032 4C	WAFER 1.25MM SMT 4P
R5	061T0603000	CHIP 0OHM 1/16W
R4	061T0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W
R2	061T0603180 1F	RST CHIPR 1.8 KOHM +-1% 1/10W
R1	061T0603220 1F	RST CHIPR 2.2 KOHM +-1% 1/10W
R8	061T0603220 2F	RST CHIPR 22 KOHM +-1% 1/10W
R6	061T0603330 1F	RST CHIPR 3.3 KOHM +-1% 1/10W
R3	061T0603390 0F	RST CHIPR 390 OHM +-1% 1/10W
R7	061T0603680 1F	RST CHIPR 6.8 KOHM +-1% 1/10W
C2	065T0603101 32	CHIP 100PF 50V X7R
C1	065T0603101 32	CHIP 100PF 50V X7R
L2	071T 56U601 MA	0805 600 OHM
L1	071T 56U601 MA	0805 600 OHM
D1	093T 6433P	BAV99
	715T1886 1	KEY BOARD PCB

L903	006T 31 4	1.7MM RIVET
BD901	006T 31 4	1.7MM RIVET
L907	006T 31 4	1.7MM RIVET
T901	006T 31 4	1.7MM RIVET
CN901	006T 31500	EYELET
L905	006T 31500	EYELET
D901	006T 31500	EYELET
C907	006T 31500	EYELET
C906	006T 31500	EYELET
L901	006T 31502	1.5MM RIVET
RV901	006T 31502	1.5MM RIVET
C910	006T 31502	1.5MM RIVET
C911	006T 31502	1.5MM RIVET
L902	006T 31502	1.5MM RIVET
L911	006T 31502	1.5MM RIVET
NR901	006T 31502	1.5MM RIVET
T903	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
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%
C922	065T 1K222 2T6921	0.0022UF 1KV +-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	067G 2152207RT	LOW E.S.R 22UF +/-20% 50V
C920	067G 2152207RT	LOW E.S.R 22UF +/-20% 50V
C951	067G 2152207RT	LOW E.S.R 22UF +/-20% 50V
C951	067T 2152207NT	KY50VB22M-TP5 5*11
C920	067T 2152207NT	KY50VB22M-TP5 5*11
C913	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	FUSE 382-5A 250V WICKMANN
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

J903	095T 90 23	JUMP WIRE
J902	095T 90 23	JUMP WIRE
J923	095T 90 23	JUMP WIRE
J924	095T 90 23	JUMP WIRE
J925	095T 90 23	JUMP WIRE
J926	095T 90 23	JUMP WIRE
J927	095T 90 23	JUMP WIRE
J928	095T 90 23	JUMP WIRE
J929	095T 90 23	JUMP WIRE
J930	095T 90 23	JUMP WIRE
J931	095T 90 23	JUMP WIRE
J932	095T 90 23	JUMP WIRE
J933	095T 90 23	JUMP WIRE
J935	095T 90 23	JUMP WIRE
J904	095T 90 23	JUMP WIRE
J922	095T 90 23	JUMP WIRE
J921	095T 90 23	JUMP WIRE
J920	095T 90 23	JUMP WIRE
J919	095T 90 23	JUMP WIRE
J915	095T 90 23	JUMP WIRE
J914	095T 90 23	JUMP WIRE
J913	095T 90 23	JUMP WIRE
J912	095T 90 23	JUMP WIRE
J911	095T 90 23	JUMP WIRE
J910	095T 90 23	JUMP WIRE
J908	095T 90 23	JUMP WIRE
J907	095T 90 23	JUMP WIRE
J906	095T 90 23	JUMP WIRE
J905	095T 90 23	JUMP WIRE
J947	095T 90 23	JUMP WIRE
J945	095T 90 23	JUMP WIRE
J946	095T 90 23	JUMP WIRE
R989	095T 90 23	JUMP WIRE
R943	095T 90 23	JUMP WIRE
J943	095T 90 23	JUMP WIRE
J942	095T 90 23	JUMP WIRE
J941	095T 90 23	JUMP WIRE
J940	095T 90 23	JUMP WIRE
J939	095T 90 23	JUMP WIRE
J938	095T 90 23	JUMP WIRE
J937	095T 90 23	JUMP WIRE
J936	095T 90 23	JUMP WIRE
	715T1852 3	POWER BOARD PCB