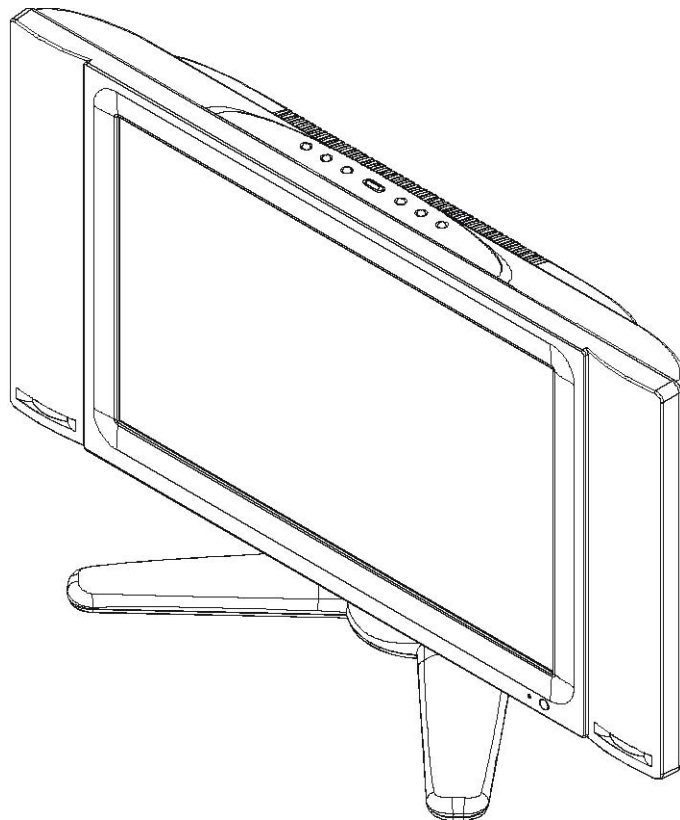


SERVICE MANUAL

LCD TV MONITOR

A20E221 SERIES



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1. SPECIFICATIONS

1-1 GENERAL SPECIFICATIONS

Items		Specification	
LCD Panel	Screen Size	20" TFT-LCD Panel	
	Aspect Ratio	4:3	
	Resolution	800 x 600 (SVGA)	
	Display Area (opening) H x V	408mm x306mm	
	Pixel Pitch	0.51mm x 0.51mm	
	Display colors	16.7 million	
	Contrast Ratio	400:1	
	Brightness	500cd / m²	
	Viewing Angle	160°(Horizontal)/120°(Vertical)	
	Response Time	16ms	
	Lamp Type/Life	60000 hr	
	Color Temperature	Cool / Warm	
TV Function	TV Tuning System	NTSC 181 Channel with Electronic PLL Tuner	
	Sound System	MTS / SAP	
	Closed Caption, V-chip	Yes	
	Color Systems	NTSC/PAL-M/PAL-N	
Video Inputs	AV1	RCA x 1	Audio L/R x 1
	AV2	RCA x 1	Audio L/R x 1 (Share)
		S-Video x 1	
	Component	YPbPr x 1	Audio L/R x 1
PC Input	Signal Input	Analog: D-Sub 15 pin (detachable cable)	
	PnP compatibility	DDC 2B	
	Input frequency	Analog: FH: 31.5KHz to 49KHz FV: 56Hz to 75Hz	
	Recommended	Analog: 800 x 600 (75Hz)	
	Input Audio	Headphone Mini-jack for stereo (3.5ø)	
Audio Output	Audio Output: L / R	Speaker (built-in): Two 5 watt speakers	
		Headphone Mini-jack for stereo (3.5ø)	
		Line Output (RCA L/R)	
OSD language		English / French / Spanish/Portuguese	
Table Stand		Included	
Wall Mount		VESA 100 x 100 mm	
Power	Power Supply	AC100V~240V, 50/60Hz	
	Power Consumption	<70W	
Environment	Operating Temp.	+ 0°C ~ + 40°C	
	Storage Temp.	- 25°C ~ + 60°C	
	Operating Humidity.	10 % ~ 85 %	
Panel Tilt	Forwards/Backwards/ Rotation	-5° / +20° / ±30°	
Dimension	W x H x D (with stand)	696 x 443x 250 (mm)	
Weight (net)	Kg (w/o Accessories)	9 Kg	
Accessories		Remote Controller, Batteries (x2), AC Power Cord, D-sub Signal Cable, 3.5mm Audio Cable. User's Manual	

1-2 LCD TV DESCRIPTION

The LCD TV will contain a main board (include audio), a switching power board (include an inverter board), an IR board, a Headphone jack board and a function keyboard. 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 6CCFLs (Cold Cathode Fluorescent Tube).

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

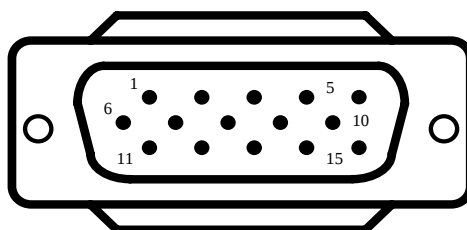
1-3 INTERFACE CONNECTOR

- (A) Power Cord Connector.
- (B) RF Signal Connector.
- (C) Video (AV1, AV2, S-VIDEO, COMPONENT) / Audio Signal Connectors.
- (D) PC D-sub 15 pin Connector.
- (E) PC Audio Connector.

2. D-SUB PIN DISTRIBUTION

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:



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.	HORIZ. SYNC
6.	Ground-R	14.	VERT. SYNC
7.	Ground-G	15.	Serial Clock for DDC
8.	Ground-B		

3. S-Video (Y / C) : TV rear side : 4 pin Mini-DIN female
 Component Video: TV rear side : RCA female(Red/Green/Blue)
 TV: TV rear side : IEC type female
 AV: TV rear side : RCA female (Yellow)
 Audio: TV rear side : RCA female (Red / White)
 PC Input audio: 3.5mm Stereo female
 Audio Input for AV, S-Video, Component Video : RCA female (Red / White)
 Headphone 3.5mm female : RCA female (Red / White)
 Audio line Out (to another 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 "ORANGE" 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.

2-1 FACTORY PRESET DISPLAY MODE

VGA MODES				
	Horizontal		Vertical	
Resolution	Nominal Frequency (KHz)	Sync Polarity	Nominal Freq. (Hz)	Sync Polarity
720x400	31.5	N	70.1	P
640x480	31.5	N	59.9	N
640x480	37.9	N	72.8	N
640x480	37.5	N	75	N
800x600	37.9	P	60.3	P
800x600	48.1	P	72.2	P
800x600	46.9	P	75	P

3. ADJUSTMENT

3-1 USE OF THE REMOTE CONTROL

POWER:

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

0~9/100 Digit buttons

To select a TV channel.

CH

Press ▲ or ▼ to brows through the TV channels which are not erased. To view a blocked channel, use the digit buttons to access the channel and enter your access code.

VOL

Press + or – to adjust the volume.

PC

select your input source to PC

SLEEP

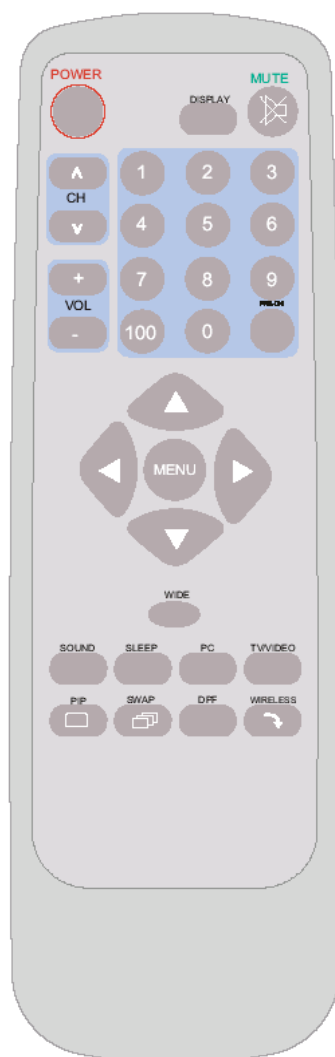
With this key you can set a time period after which the TV should switch itself to standby. Press the key repeatedly to select the number of minutes. The counter runs from 0,30,60,90,120 minutes. The timer begins to count down from the number of minutes selected after the display has disappeared.

PIP

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

POP

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

**MENU**

Press repeatedly to display OSD menu.

V-CHIP

Press this button to setup parental

SWAP

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

SIZE

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

MUTE

Temporarily interrupt the sound or restore it.

DISPLAY

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

MTS /SAP

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

PRE-CH

To display the previously selected TV channel.

TV/VIDEO

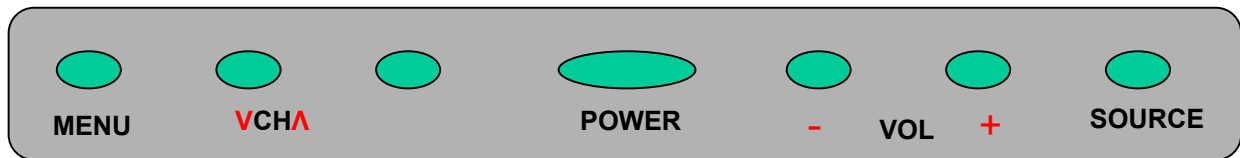
Select your input source: press repeatedly to select **TV**, **AV1**, **AV2**, **S-VIDEO** or **COMPONENT** mode, according to where you connected your external source.

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

CAPTION

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

3-2 USE OF THE MENUS**3-2-1 BUTTON CONTROL**



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

V CH A: Press to perform select function and channel.

POWER: Press to turn on or off the TV.
Light is green when the power on,
Light is orange when the power off.

- VOL +: Press to confirm your function selection and adjustment.

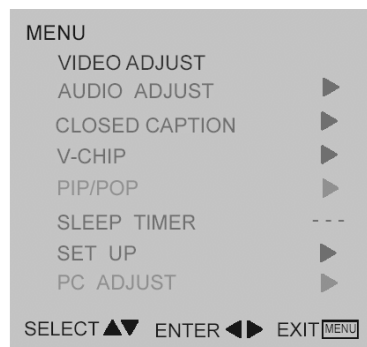
SOURCE: Press to select your input source.

3-2-2 TO USE THE MENUS

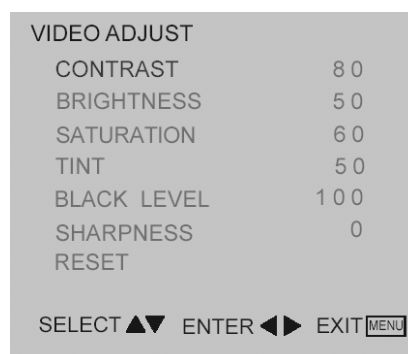
1. Press the MENU button to display each menu
2. Use the cursor up/down to select a menu item.
3. Use the cursor left/right to enter a submenu or enable/disable the function.
4. Press the **MENU** button to exit the menu.

Main menu

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



Video Adjust



1. **Contrast**, **Brightness** and **Saturation** are adjusted from 0 to 100.
2. **Tint** is adjusted from 0 to 100.
3. **Black Level** is adjusted from 0 to 100.
4. **Sharpness** is adjusted from 0 to 10.

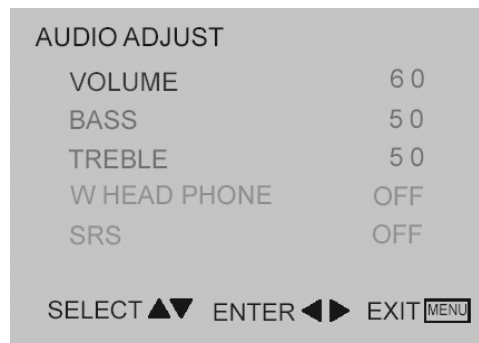
You can adjust picture contrast, brightness, color, tint and sharpness to the levels you prefer.

5. **Reset** is set up to default value.



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

Audio Adjust

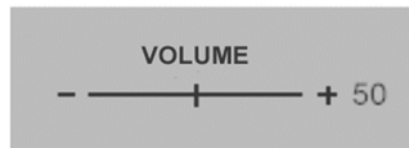


1. **Volume** is adjusted from 0 to 100.

2. **Bass** and **Treble** are adjusted from 0 to 100.

3. **W Head Phone** (optional) is the function for wireless headphone enable or disable.

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



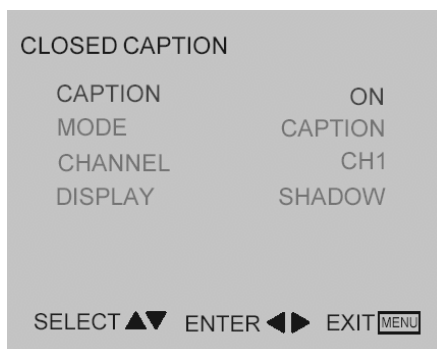
When adjust any item sub-OSD will show up like this.

CLOSED CAPTION

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

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

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



Caption Mode:

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

Text Mode:

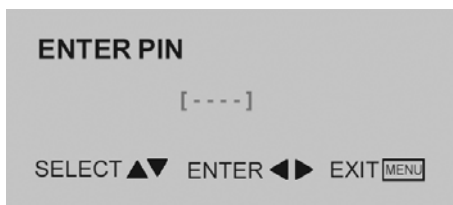
Often used for channel guide, schedules, bulletin board information for Closed Caption programs, news, weather information or stock marker reports.

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

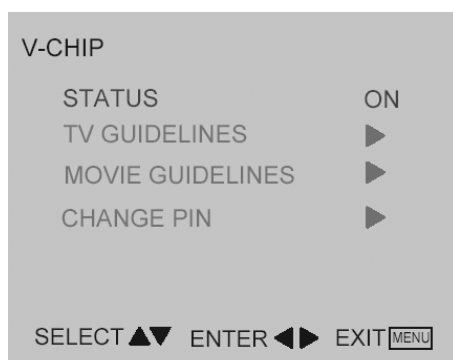
V-CHIP SETUP

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

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



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



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

- **U:** Unblock
- **B:** Block

TV GUIDELINES						
	ALL	FV	V	S	L	D
TV-Y	U					
TV-Y7	U	U				
TV-G	U					
TV-PG	U		U	U	U	U
TV-14	U		U	U	U	U
TV-MA	U		U	U	U	
SELECT ▲▼ ENTER ◀▶ EXIT MENU						

C. Setting up **Movie Guidelines**

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

MOVIE GUIDELINES	
G	U
PG	U
PG-13	U
R	U
NC-17	U
X	U
NR	U
SELECT ▲▼ ENTER ◀▶ EXIT MENU	

- D. **CHANGE PIN** (personal identification number) is needed for changing password to control V-chip setup. Process as follows: 1)ENTER OLD PIN CODE 2)ENTER NEW PIN CODE 3)CONFIRM NEW PIN by entering new pin one more time.

ENTER NEW PIN

[----]

SELECT ▲▼ ENTER ◀▶ EXIT MENU

CONFIRM NEW PIN

[----]

CHECK OK

SELECT ▲▼ ENTER ◀▶ EXIT MENU

Sleep Timer

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

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

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

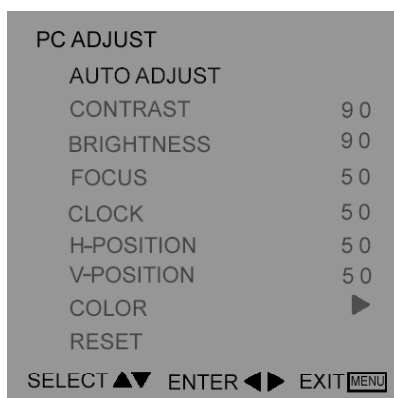
SETUP



1. **Blue screen** for when no video input screen will be blue or blank. If it's ON, the screen will be in blue. If it's OFF, the screen will be blank. Pre-set is ON.
2. **Language** for different language OSD MENU includes English / French / Spanish/Portuguese. Pre-set is English.
3. **AIR/CATV** for different TV input solution, RF and cable.
4. **CH Search** is for auto memorizes all receiving channels of air TV or CATV programs.
5. **CH DEL. /ADD** is for add ">" or delete "<" the current channel for memorizes.
6. **RESET** is set up to default value.

PC Adjust

1. **Auto Adjust** is the function auto-sizing for VGA input.
2. **Contrast, Brightness, Focus, Clock, H-Position, V-Position** and **Color** are the functions for PC adjustment.

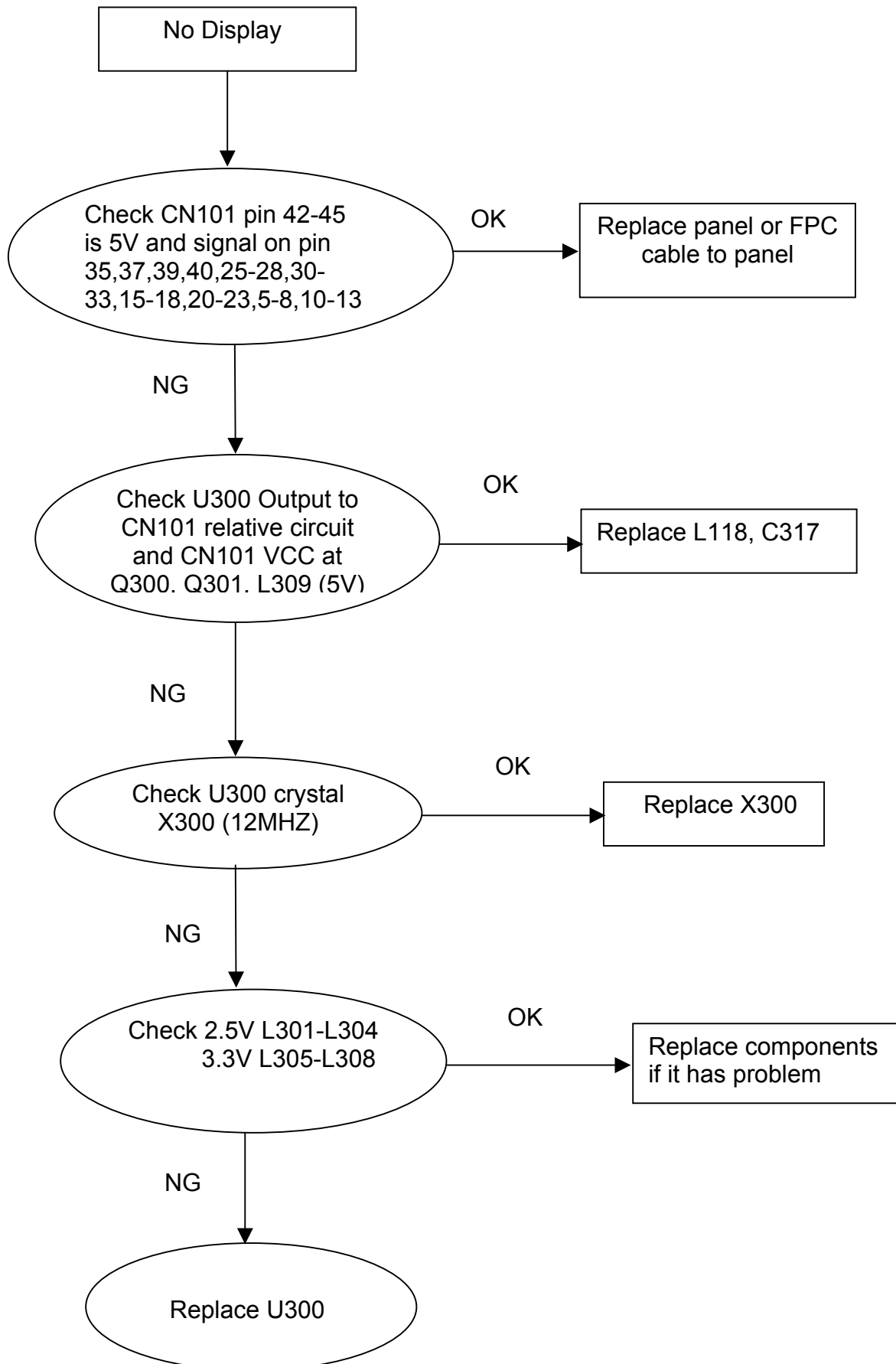


The color temp is for you to adjust the color temperature to one you prefer.

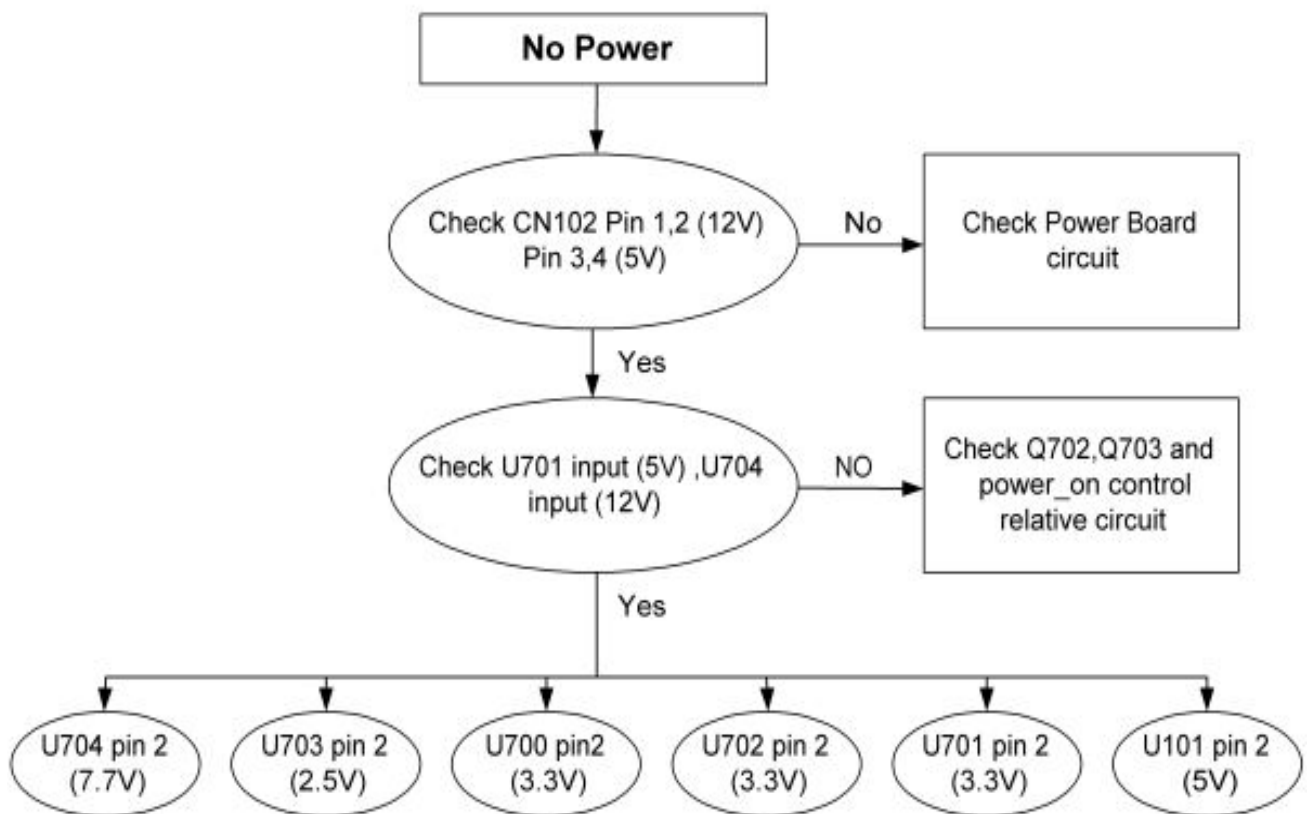


4. TROUBLE SHOOTING CHART

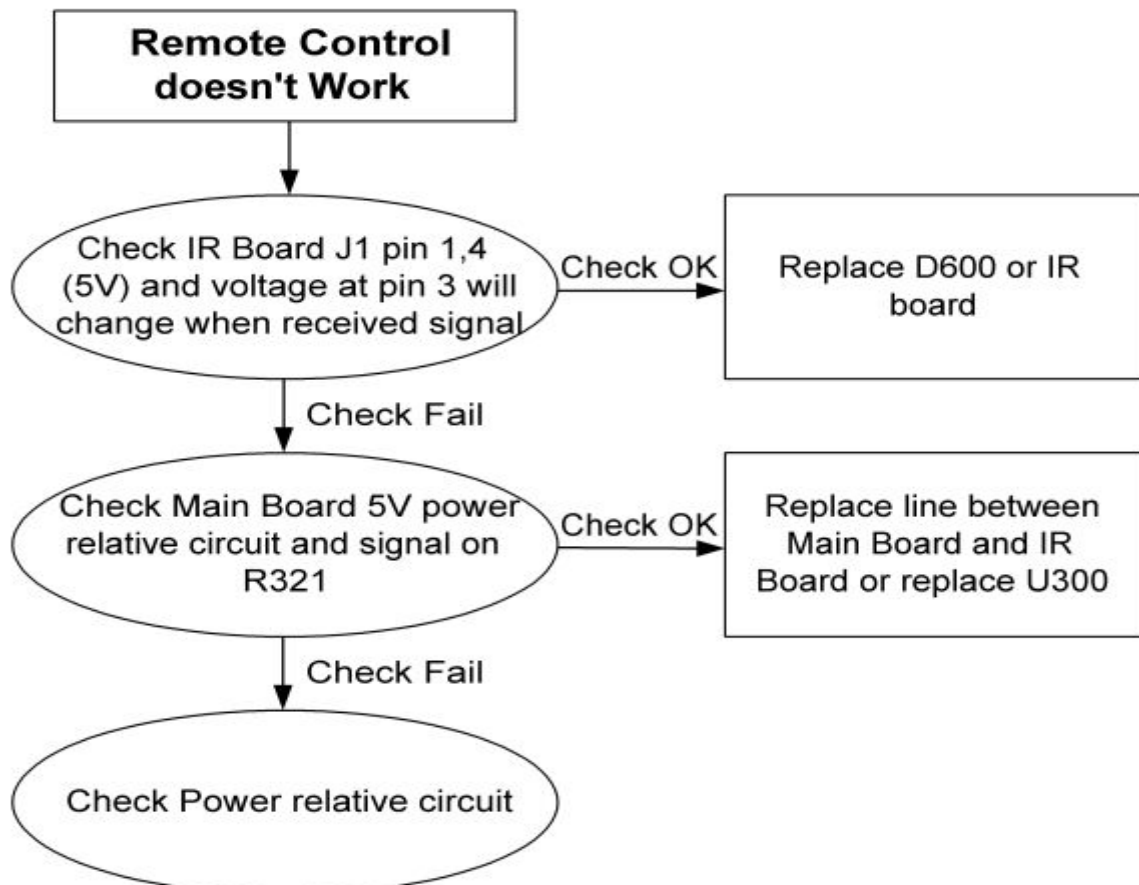
4-1. Panel Control Circuit



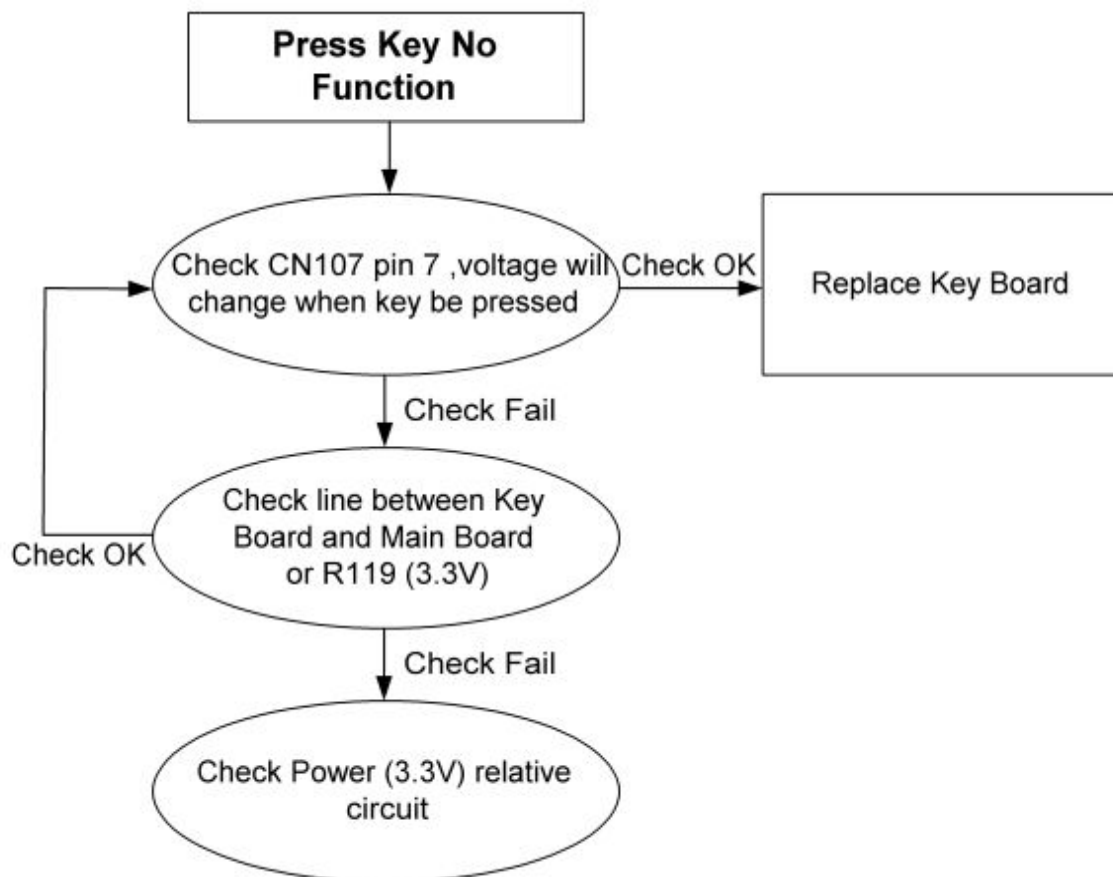
4-2. Main Board Power Circuit



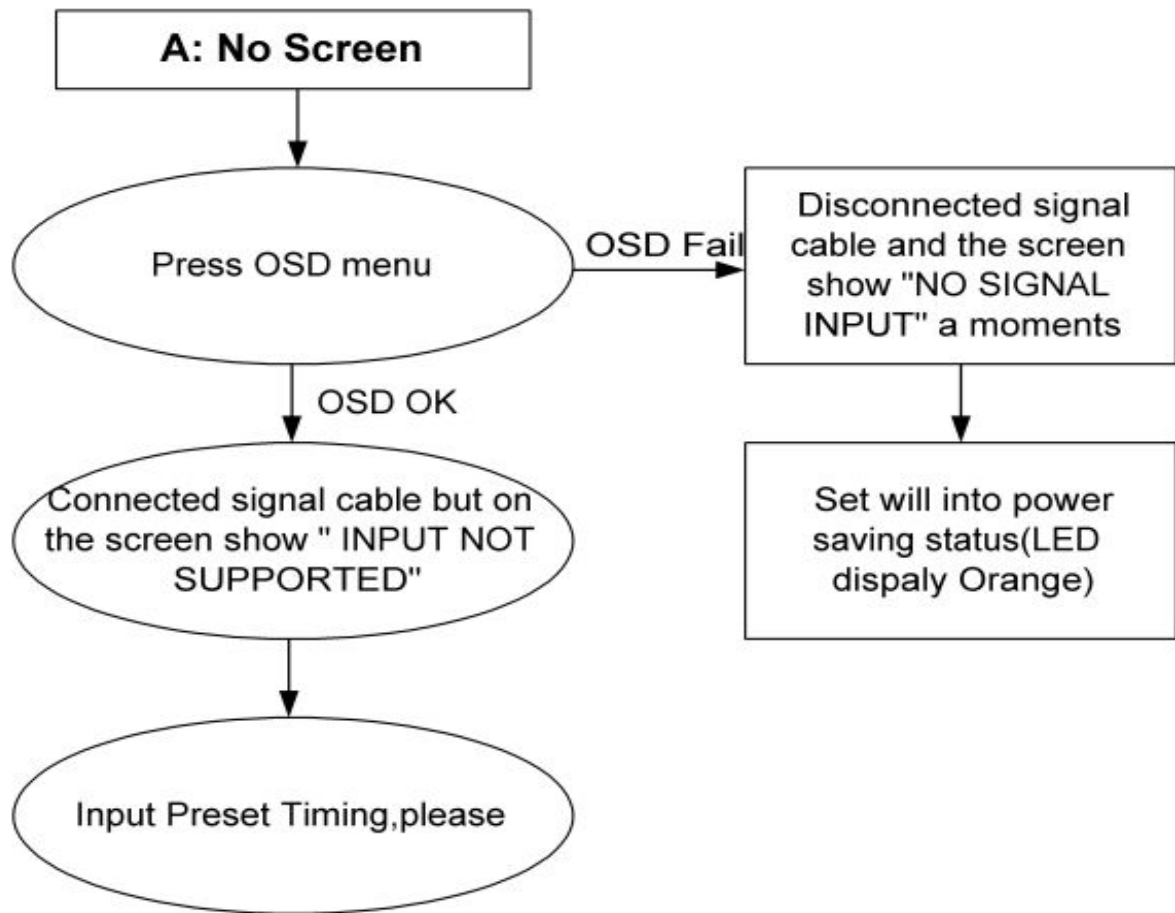
4-3. Remote Control Block

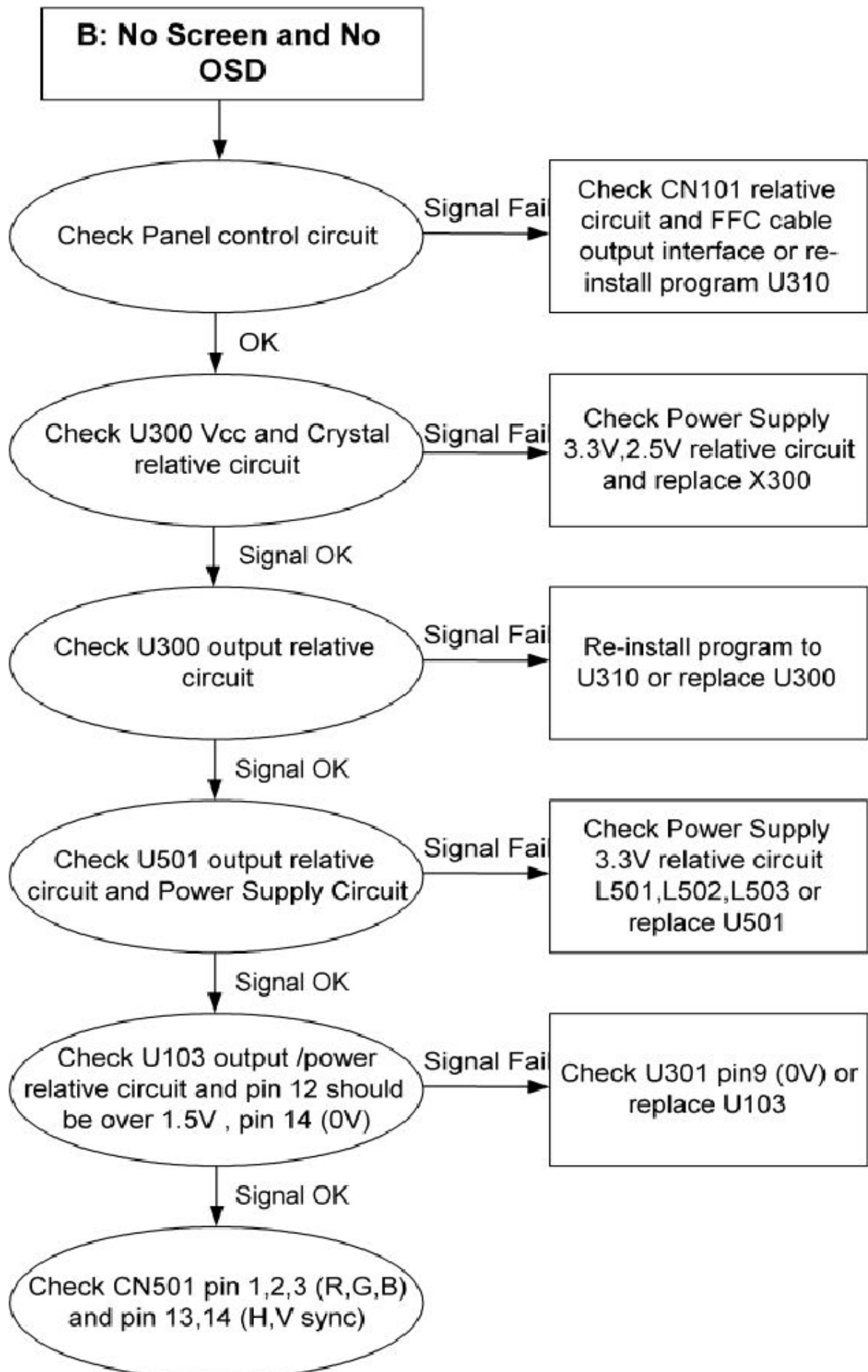


4-4. Key Board Control Block

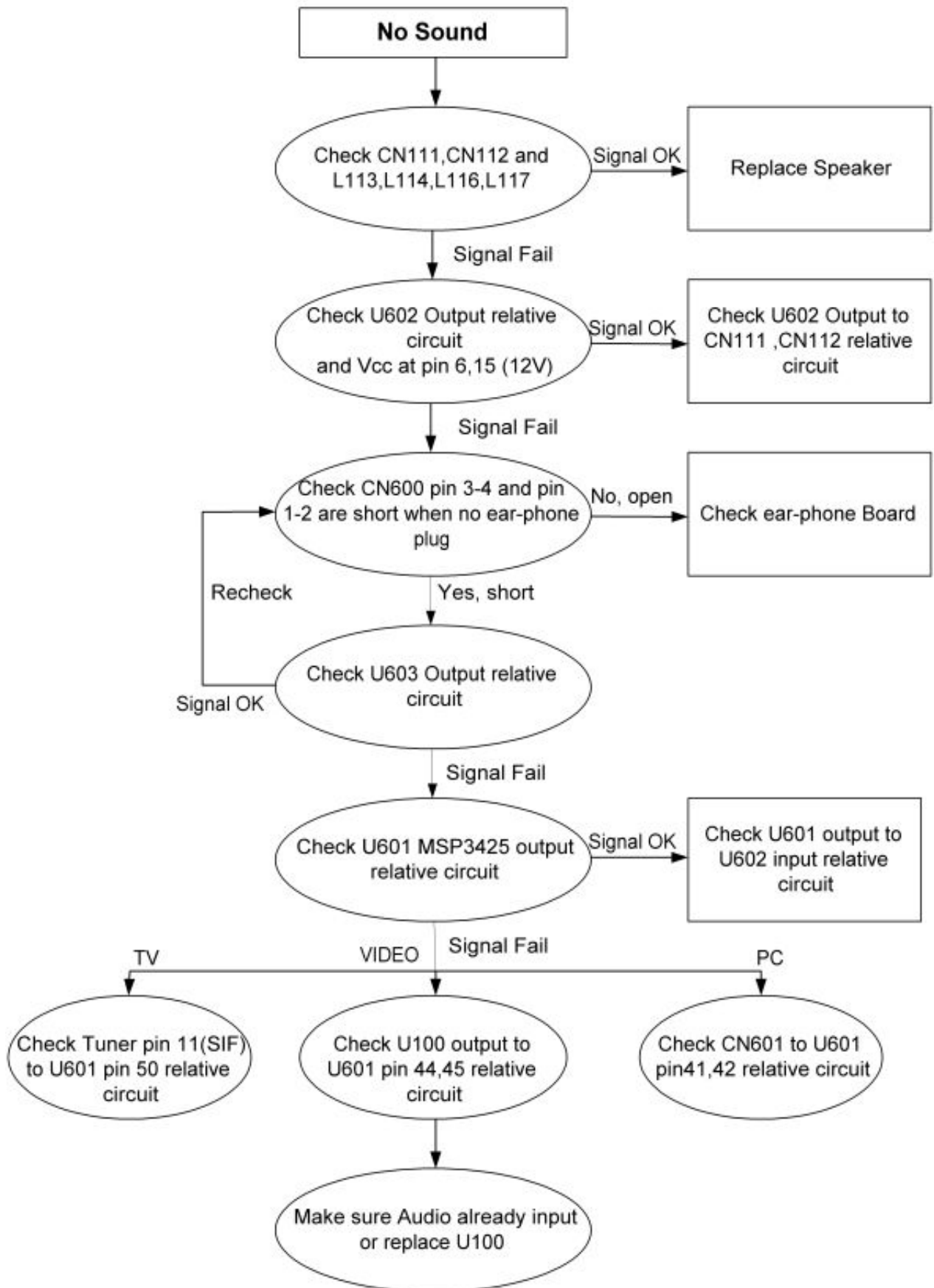


4-5. PC Control Block

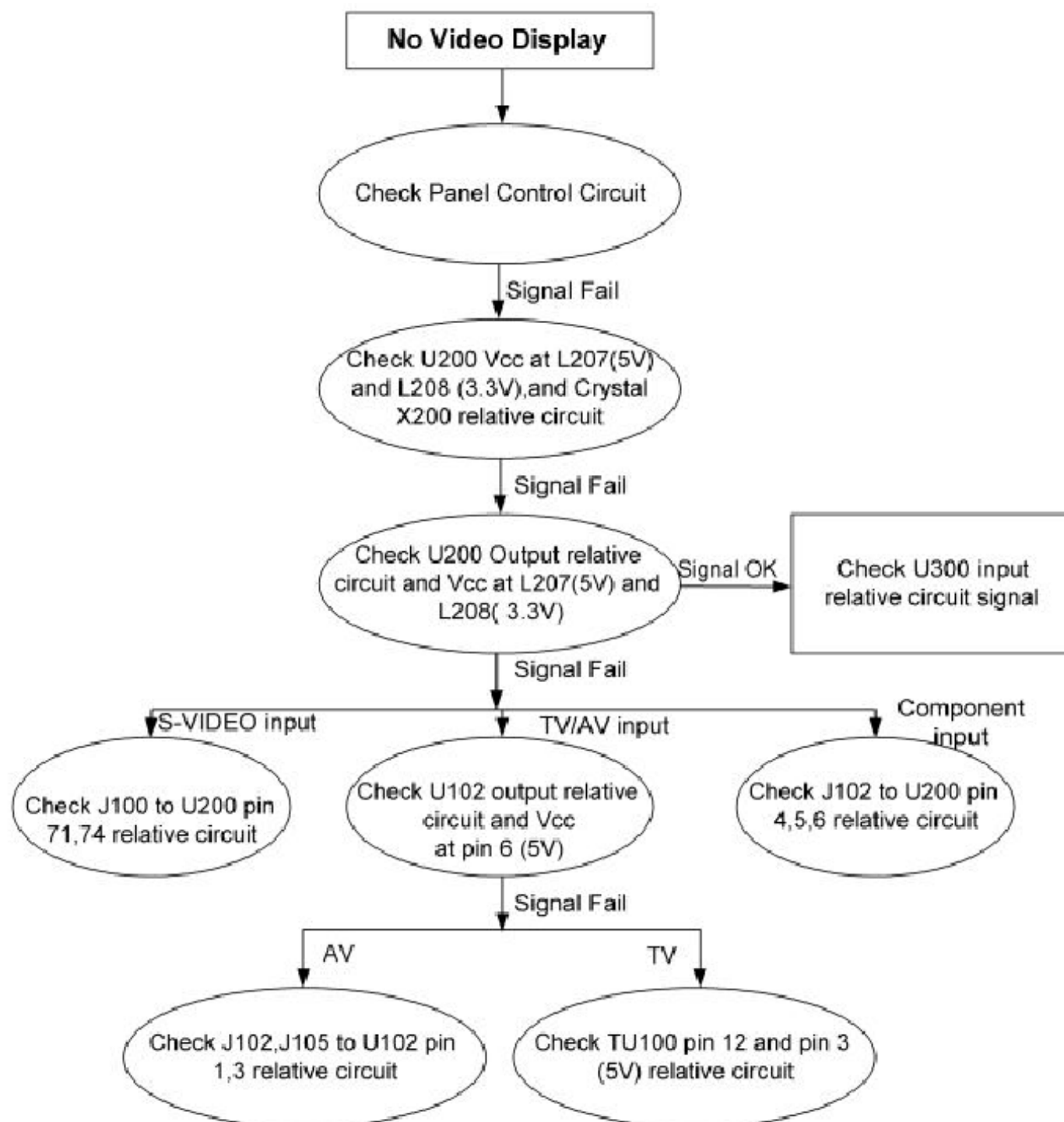




4-6. Audio Control Block



4-7 Video Control Block



Note: 1. If Replace “**MAIN-BOARD**”, Please re-do “DDC-content” programmed & “WHITE-Balance”.
 2. If Replace “**POWER-BOARD INVERTER**” only, Please re-do “WHITE-Balance”
 3. Please re-install program before you do change any component.

5. White-Balance, Luminance adjustment

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

Before started adjust white balance, please setting the Chroma-7120 **MEM. Channel 1 to 9300** color, **MEM. Channel 2 to 6500** color, and **MEM. Channel 3 to 9300** color, (9300 parameter is $x = 283$, $y = 297$, $Y = 250\text{cd/m}^2$ (PC Mode); 6500 parameter is $x = 313$, $y = 329$, $Y = 250\text{cd/m}^2$ (PC Mode); 9300 parameter is $x = 283$, $y = 297$, $Y > 350\text{cd/cm}^2$ (TV Mode))

Color Temp.	9300(PC Mode)	6500(PC Mode)	9300(TV Mode)
X	0.283	0.313	0.283
Y	0.297	0.329	0.297
Y	250	250	>350

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

Press Number key **100 → 9 → 9 → 9** will into the factory mode, and OSD will be shown in the screen, then select MORE function will into Bias and Gain adjustment.

- ADC Adjustment:
 - AL → Auto level adjust for PC mode.
 - ALY → Auto level adjust for YUV mode.
 - RG, GG, BG → R, G, B Gain adjust.
 - RB, GB, BB → R, G, B Bias adjust.
- SCALER Adjustment:
 - CO, BR → Contrast and Brightness adjust.
 - RG, GG, BG → R, G, B Gain adjust.
 - RB, GB, BB → R, G, B Bias adjust.
 - S9, S6, ST, SH → Save 9300, 6500, TV/AV /S-Video /480i, Component 480P color temperature.
 - R9, R6, RT, RH → Recall 9300, 6500, TV/AV /S-Video /480i, Component 480P color temperature.
 - CC → Set Close Caption ON/OFF.
 - VC → Set V Chip ON/OFF.
 - WH → Set Wireless Headphone ON/OFF.
 - PP → Set PIP ON/OFF.
 - BI → Setup Burn-in mode ON / OFF.
 - ISP → Set ISP ON/OFF.
 - SR PP → Set SRS ON/OFF.
 - EX → Exit MORE function to factory mode menu.

I. Before adjustment :

- Press Number key **100 → 9 → 9 → 1** into **Engineer Mode**.
- Press menu key repeat to “ADC” page, then select “EPinit” and press “right” key to initial EEPROM.
- Press Number key **100 → 9 → 9 → 9** into the **Factory Mode**.

II. Gain adjustment :

A. Adjust 9300 color-temperature:

- Switch the chroma-7120 to **RGB-mode** (with press “MODE” button)
- Switch the MEM. Channel to Channel 01 (with up or down arrow on Chroma-7120)
- The LCD-indicator on chroma-7120 will show $R = ***$, $G = ***$, $B = ***$.
- Change Source input to PC.
- Select AL and press “right” arrow to do the auto-level.
- Adjust the GG up to G value at chroma-7120 is 100.
- Adjust the BG and RG till the value of R and B value on Chroma-7120 are 100 ± 5 .
- Repeat the item 4 and 5 to make the R, G, B value are the same.
- Select cursor to “S9” and press “right” arrow to save the value.

B. Adjust 6500 color-temperature:

1. Switch the chroma-7120 to **RGB**-mode (with press "MODE" button)
2. Switch the MEM. Channel to Channel 02 (with up or down arrow on Chroma-7120)
3. The LCD-indicator on chroma-7120 will show R = ***, G=***, B=***.
4. Change source input to PC.
5. Select AL and press "right" arrow to do the auto-level.
6. Adjust the GG up to G value at chroma-7120 is 100.
7. Adjust the BG and RG till the value of R and B value on Chroma-7120 are 100±5.
8. Repeat the item 4 and 5 to make the R, G, B value are the same.
9. Select cursor to "S6" and press "right" arrow to save the value.

C. Adjust Video color-temperature:

1. Switch the chroma-7120 to **RGB**-mode (with press "MODE" button)
2. Switch the MEM. Channel to Channel 03 (with up or down arrow on Chroma-7120)
3. The lcd-indicator on chroma-7120 will show R = ***, G=***, B=***.
4. Change source input to AV1.
5. Adjust the GG up to G value at chroma-7120 not going up ,set the G value is max.
6. Adjust the BG and RG till the value of R and B value on Chroma-7120 same as G value.
7. Repeat the item 4 and 5 to make the R, G, B value are the same.
8. Select cursor to "ST" and press "right" arrow to save the value.

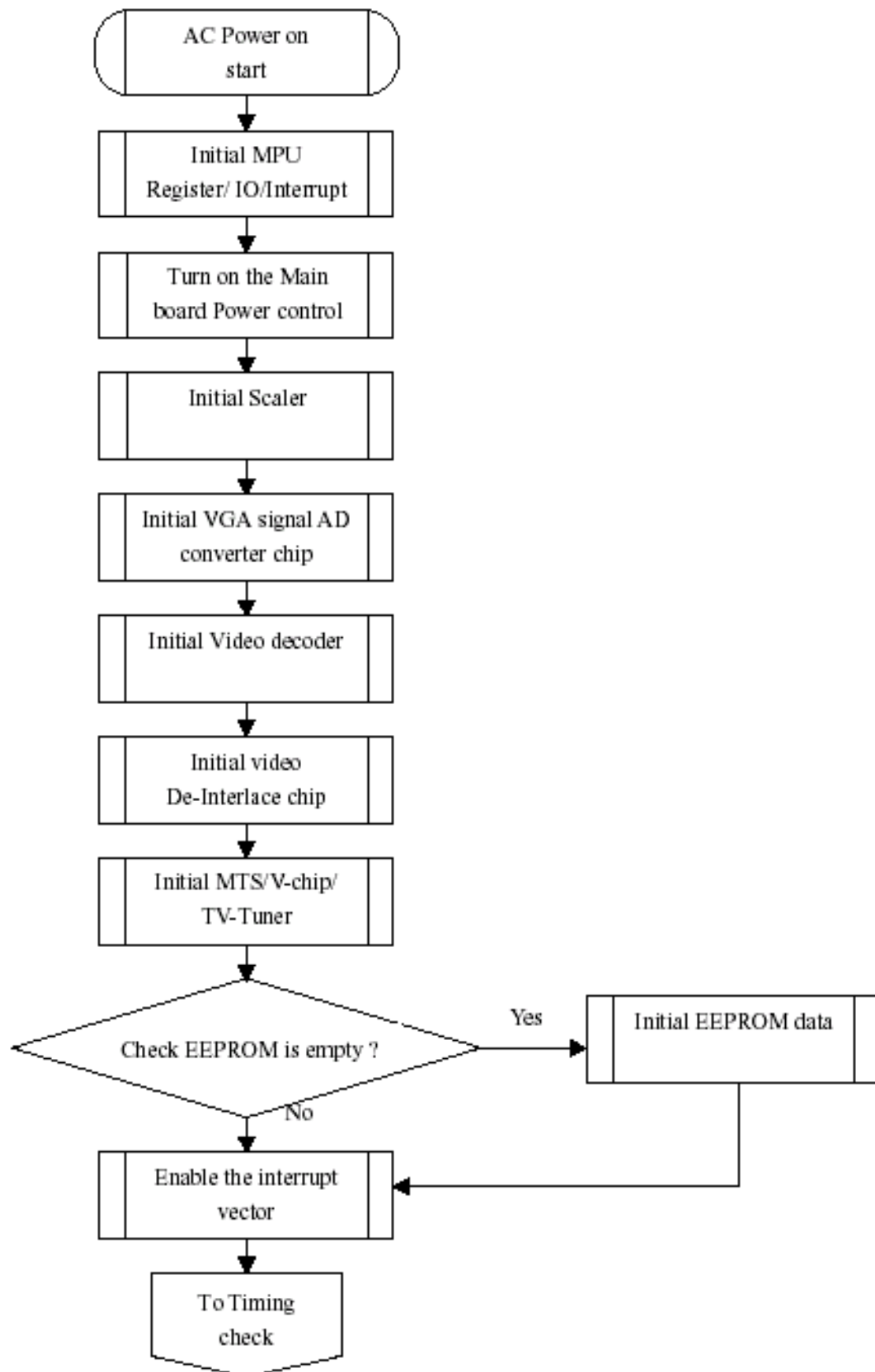
D. Adjust Component color-temperature:

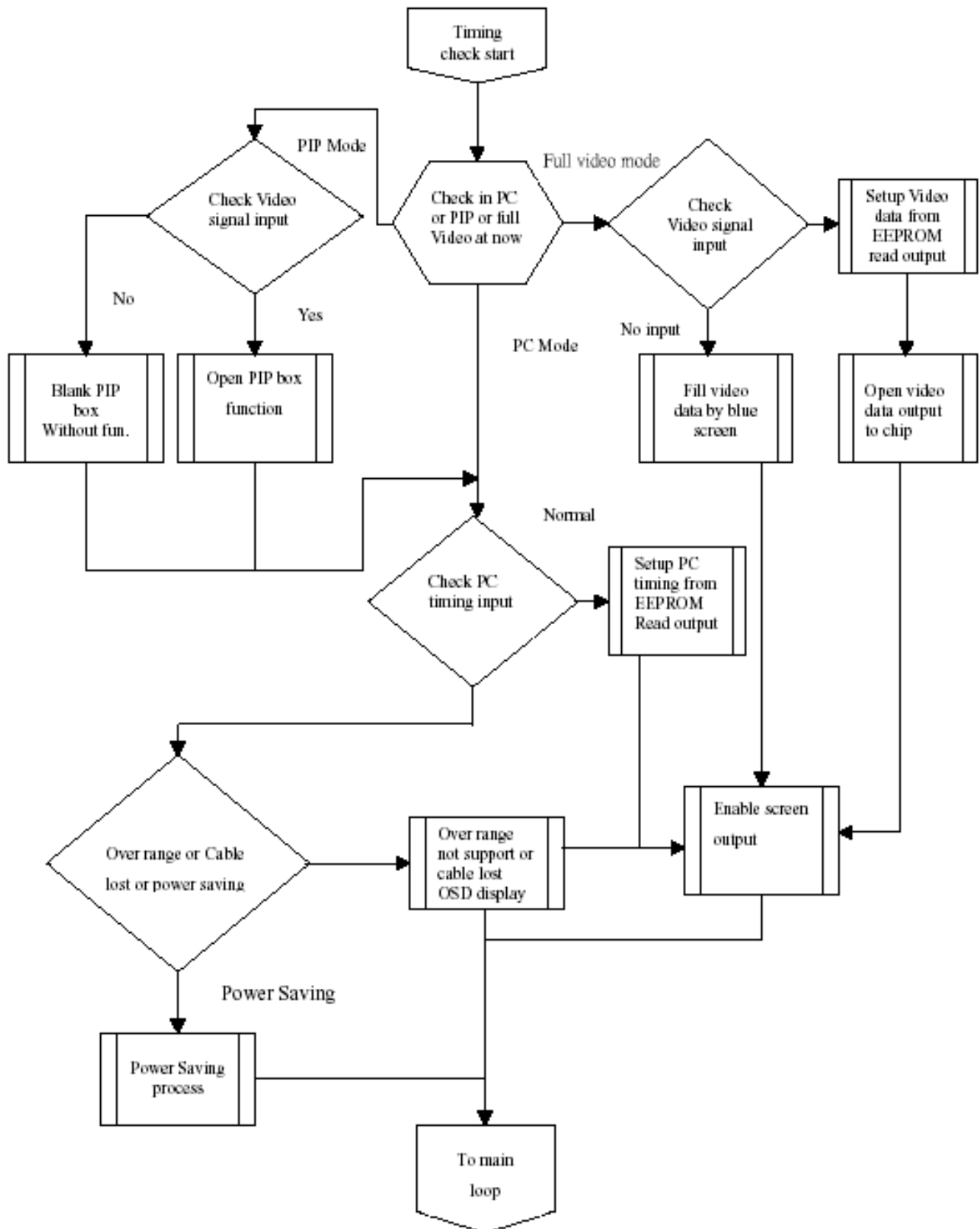
1. Change source input to Component.
2. Select ALY and press "right" arrow to do the auto-level.

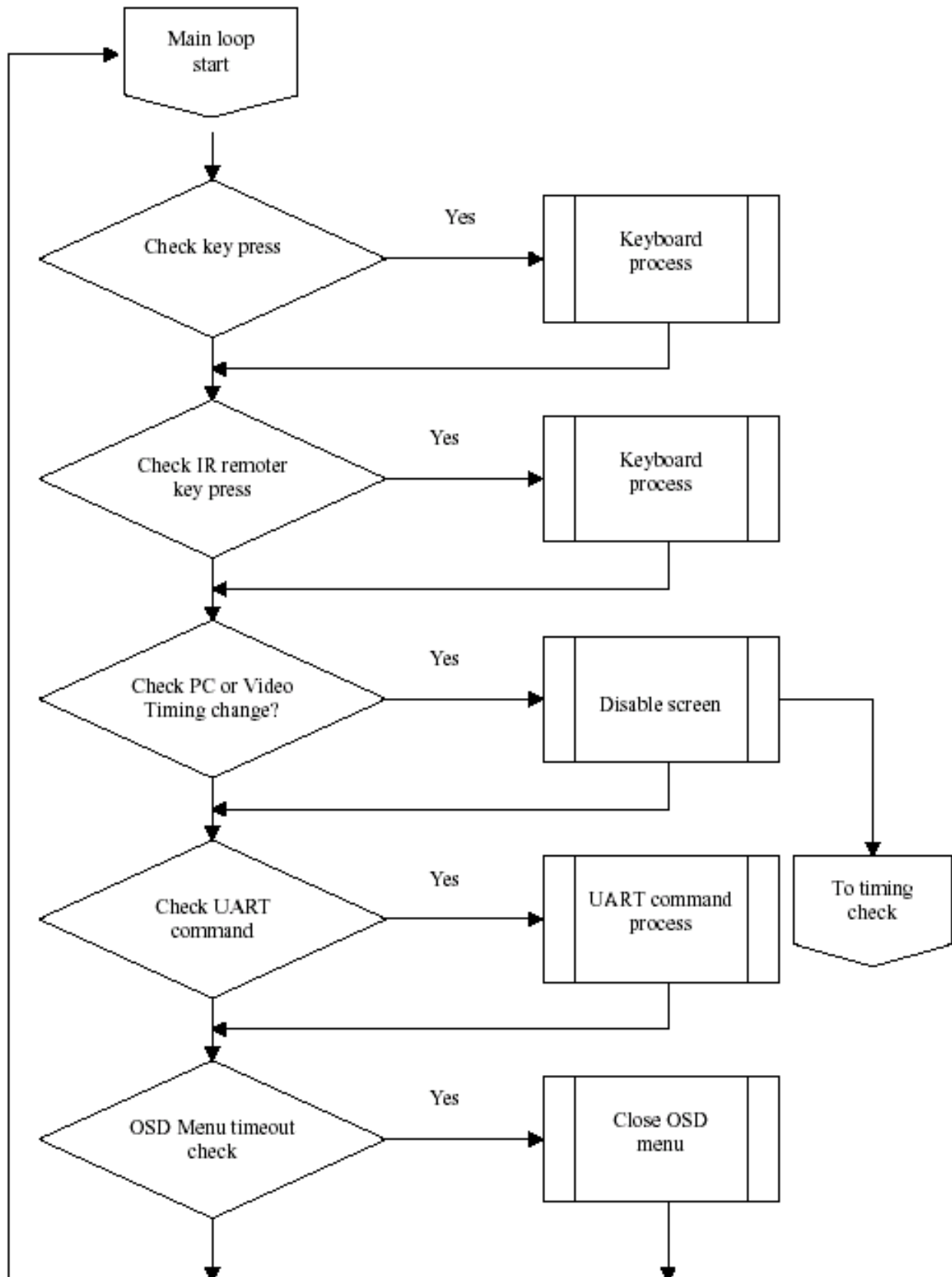
Turn the POWER-button off to on to quit from factory mode.

Remark: 1. Auto Level of PC should be adjusted with TIMG 127, PATN 42 or 16 GRAYS screen.
 2. Auto Level of Component should be adjusted with 16 GRAYS screen.
 3. It should be under white picture while adjusting the color temperature of all display modes.

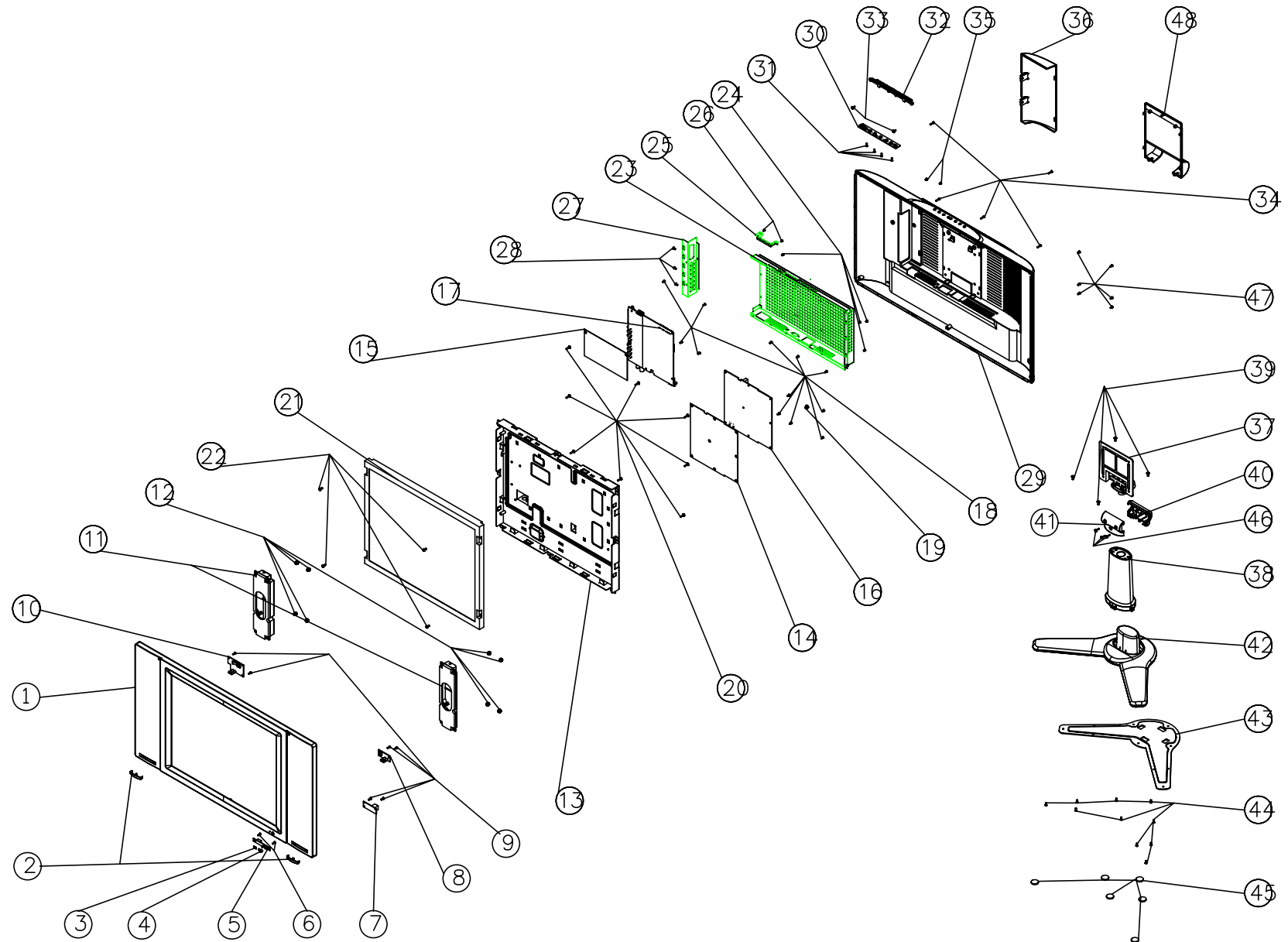
6. SOFTWARE FLOW CHART







7. MECHANICAL OF CABINET FRONT DIS-ASSEMBLY



AOC A20E221

Index	Part Name	Part No.	Qty		Index	Part Name	Part No.	Qty
1	Bezel	34V1247	1		25	Shielding Connector	85V653	1
2	Lens Wireless	33V4676	2		26	Screw	M1V330-4128	4
3	Lens Remote	33V4658	1		27	Connector BKT	15V5930	1
4	Lens Power	33V4659	1		28	Screw	Q1V930-6128	3
5	Remote Board	IRP760A1	1		29	Rear Cover	34V1222	1
6	Screw	Q1L330-8120	2		30	Keyboard	KEPFA60KA1	1
7	Headphone jack Board	HJPFA60A1	1		31	Screw	Q1V330-8120	4
8	Wireless-Headphone	Optional	1		32	Button	33V4660	1
9	Screw	Q1V330-8120	4		33	Screw	Q1V1030-8128	2
10	Wireless-Headphone	Optional	10		34	Screw	Q1V330-12120	5
11	Speaker	78V323	2		35	Screw	M1V330-6128	2
12	Screw	Q1V1030-8128	8		36	Cable Cover	34V1224	1
13	Main Frame	15V5943	1		37	Hinge	37V482	1
14	Insulate Sheet	52L6025-11-693	1		38	Stand	34V1226	1
15	Insulate Sheet	52L6025-11-676	1		39	Screw	Q1V140-20120	4
16	PWR Board	PWTV2062AU1	1		40	Stand Cover B	34V1225	1
17	Main Board	CBPFA63KASAC	1		41	Stand Cover F	34V1284	1
18	Screw	M1V330-6128	12		42	Base	34V1227	1
19	Screw Ground	M1V1140-6128	1		43	BKT Base	15V5939	1
20	Screw	Q1V1030-12128	8		44	Screw	Q1V130-8120	10
21	Panel	750LVUA1S02	1		45	Rubber Foot	12V394	6
22	Screw	M1V340-14120	4		46	Screw	Q1V1030-12128	3
23	Main Shield	85V650	1		47	Screw	M1V140-12120	6
24	Screw	M1V330-4128	4		48	Hinge Cover	34V1223	1

8. PARTS LIST OF CABINET

Location	Part Number	Description	Quantity	Unit
	M1V 330 4128	SCREW M3X4	2	PCS
	CBPFA64KASE17	CONVERSION BOARD	1	PCS
	PWTV2062AU1	20" POWER BOARD	1	PCS
	15V5930 1	BKT CONNECTOR	1	PCS
	15V5943 3	MAIN FRAME	1	PCS
	23L3178815 2A	LOGO	1	PCS
	26L 800504 5	BAR CODE	1	PCS
	34V1223EGN 3L	COVER HINGE	1	PCS
	34V1224 GM L	COVER CABLE	1	PCS
	40G 583 11 1B	I/D LABEL	1	PCS
	40L 200815 1B	ID LABEL	1	PCS
	40L 58162435A	LABEL	1	PCS
	40L 583 12	LABEL 2 CONNECTOR 149X2	1	PCS
	41L2001815 1B	MANUAL	1	PCS
	41L7800815 2B	WARRANTY CARD	1	PCS
	41L7800815 9A	QSG	1	PCS
	44L2001815 1B	CARTON	1	PCS
	44L2002 1	EPS	1	PCS
	44L2002 2	EPS	1	PCS
	44L3231 15	EVA WASHER	1	PCS
	44L3231 15528	EVA WASHER	1	PCS
	44L3231 15548	EVA WASHER	1	PCS
	44LZ002200 1	PIZZA BOX	1	PCS
	45L 76 28 RN	PE BAG for MANUAL/BASE	1	PCS
	45L 88606 2	PE BAG FOR BASE	1	PCS
	45L 88609 6	EPE COVER	1	PCS
	45L 88626 3	PE BAG FOR MONITOR	1	PCS
	52L 1185	MIDDLE TAPE FOR CARTON	80	CM
	52L 1186	SMALL TAPE	10	CM
	52L 1207 A	ALUMINIUM TAPE	1	PCS
	52L 1209 A	ALUMINIUM TAPE	1	PCS
	52L 1210 A	ALUMINIUM TAPE	3	PCS
	52L 1210 A	ALUMINIUM TAPE	1	PCS
	52L 1211 B	AL TAPE	3	PCS
	52L6020 6	protect film	1	PCS
	52L6025 11676	INSULATE SHEET	1	PCS
	52L6025 11693	INSULATE SHEET	1	PCS
	71L 100521	CORE	1	PCS
	85V 650 2	SHIELD MAIN	1	PCS
	85V 653 1	SHIELD CONNETDR	1	PCS
	89L 173 56 8	AUDIO CABLE 1800mm BLAC	1	PCS
	89L1738GAA D1	D-SUB SIGNAL CABLE	1	PCS
	89L176J 50502	FFC CABLE 40P	1	PCS

	89L402A18N IS	POWER CORD	1	PCS
	95L8014 8 11	HARNESS 8P-4P+4P 680MM	1	PCS
	98LR7SW3BEACF	remote control for usa	1	PCS
	M1V 140 12120	SCREW	6	PCS
	M1V 330 4128	SCREW M3X4	3	PCS
	M1V 330 4128	SCREW M3X4	2	PCS
	M1V 330 4128	SCREW M3X4	1	PCS
	M1V 330 6128	SCREW	2	PCS
	M1V 340 14120	SCREW	4	PCS
	M1V1130 6128	SCREW	12	PCS
	M1V1140 4128	SCREW 4X6	1	PCS
	Q1V 330 12120	SCREW 3X12mm	5	PCS
	Q1V 930 6128	SCREW (T3X6)	3	PCS
	Q1V1030 12128	SCREW	8	PCS
	705LA64FB34007	20"TV BACK COVER ASS'Y	1	PCS
	750LVUA1S02	AU 20.1" VO PANEL	1	PCS
CBPFA64KASE17				
	AIFA64KASE1	MAIN BOARD	1	PCS
	40L 457624 1B	CPU LABEL	1	PCS
	40L 45762412B	CBPC LABEL	1	PCS
	85L 583510	GASKET	1	PCS
CN102	33L802210A H	HEADER FEMALE 1*10P R/A	1	PCS
CN107	33L3802 8H	WAFER 8P RIGHT ANGLE PI	1	PCS
CN111	33L3802 3H	WAFER 3P RIGHT ANGLE	1	PCS
CN112	33L3802 2H	WAFER 2P RIGHT ANGLE	1	PCS
CN501	88L 35315F HA	D-USB 15PIN	1	PCS
CN600	33L3802 5H	WAFER 5P RIGHT ANGLE PI	1	PCS
CN601	88L 30214K	PHONE JACK	1	PCS
J100	88L 78 13 3	RCA+S 2*1 C1G470-000 W+	1	PCS
J102	88L 78 13 5	RCA 2*3 C1G4A1-001 TACT	1	PCS
J105	88L 78 13 1	RCA 2*3 C1G460-000 TACT	1	PCS
L701	73L 253137 ER	CHOKE COIL BY EROCORE	1	PCS
L707	73L 253137 ER	CHOKE COIL BY EROCORE	1	PCS
R102	61L153M829 59	MOFR 8.2OHM +-5% 3WS	1	PCS
R103	61L153M829 59	MOFR 8.2OHM +-5% 3WS	1	PCS
R131	61L152M100 64	10OHM 5% 2W	1	PCS
R643	61L153M399 59	3.9 OHM+-5% 3W	1	PCS
R644	61L153M399 59	3.9 OHM+-5% 3W	1	PCS
R649	61L153M399 59	3.9 OHM+-5% 3W	1	PCS
R650	61L153M399 59	3.9 OHM+-5% 3W	1	PCS
R718	61L152M229 64	2.2 OHM 2W 5% MOF	1	PCS
TU100	94LNTSC M P	TUNER NTSC BY PHILIPS	1	PCS
U310	56V1133 52TN7	A29L040L-70	1	PCS
X200	93L 22 76 J	NXS20.250 AE13F-BK3	1	PCS
X300	93L 2251A	CRYSTAL 12MHZ	1	PCS
X301	93L 22 61 J	NXF32.768AE12FN	1	PCS
X600	93L 22 68	18.432MHz	1	PCS

	715L1229 C 2	TV2054-2A LCD TV M/B 17	1	PCS
C100	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C101	65L0603470 31	CHIP 47PF 50V NPO	1	PCS
C102	65L0603470 31	CHIP 47PF 50V NPO	1	PCS
C103	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C104	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C105	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C106	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C107	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C108	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C109	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C110	65L0603470 31	CHIP 47PF 50V NPO	1	PCS
C111	65L0603101 31	CHIP 100PF 50V NPO	1	PCS
C112	65L0603101 31	CHIP 100PF 50V NPO	1	PCS
C113	65L0603101 31	CHIP 100PF 50V NPO	1	PCS
C115	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C118	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C119	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C120	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C121	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C122	67L 312470 3	SMD 47UF +-20% 16V	1	PCS
C123	67L 312470 3	SMD 47UF +-20% 16V	1	PCS
C124	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C125	67L 312470 3	SMD 47UF +-20% 16V	1	PCS
C126	67L 312470 3	SMD 47UF +-20% 16V	1	PCS
C127	67L 312470 3	SMD 47UF +-20% 16V	1	PCS
C128	67L 312470 3	SMD 47UF +-20% 16V	1	PCS
C129	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C130	65L0603220 31	CHIP 22PF 50V NPO	1	PCS
C131	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C132	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C134	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C135	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C136	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C137	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C143	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C144	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C145	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C146	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C147	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C148	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C149	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C150	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C151	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C152	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C153	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C154	65L0603471 32	CHIP 470PF 50V X7R	1	PCS

C155	65L0603101 32	100PF +-10% 50V X7R	1	PCS
C156	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C157	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C158	65L0603680 31	CHIP 68PF 50V NPO	1	PCS
C159	65L0603680 31	CHIP 68PF 50V NPO	1	PCS
C160	65L0603680 31	CHIP 68PF 50V NPO	1	PCS
C161	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C162	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C163	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C164	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C165	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C166	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C171	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C173	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C180	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C181	65L0603101 31	CHIP 100PF 50V NPO	1	PCS
C182	65L0603101 31	CHIP 100PF 50V NPO	1	PCS
C200	65L0603152 32	1500PF +-10% 50V X7R 06	1	PCS
C201	65L0603339 31	CAP:CER 3.3+-0.5PF 50V	1	PCS
C202	65L0603339 31	CAP:CER 3.3+-0.5PF 50V	1	PCS
C203	65L0603102 32	1000PF +-10% 50V X7R	1	PCS
C204	67L 312479 6	SMD EC 4.7UF+-20% 35V	1	PCS
C205	65L0805684 17	CHIP 0.68UF 16V Y5V	1	PCS
C206	65L0805684 17	CHIP 0.68UF 16V Y5V	1	PCS
C207	65L0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C208	65L0805684 17	CHIP 0.68UF 16V Y5V	1	PCS
C209	65L0603680 31	CHIP 68PF 50V NPO	1	PCS
C210	65L0603680 31	CHIP 68PF 50V NPO	1	PCS
C211	65L0603680 31	CHIP 68PF 50V NPO	1	PCS
C212	67L 312479 6	SMD EC 4.7UF+-20% 35V	1	PCS
C213	65L0603220 31	CHIP 22PF 50V NPO	1	PCS
C214	65L0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C215	65L0805473 32	CHIP 0.047UF 50V X7R	1	PCS
C216	65L0603224 17	CAP:CER 0.22UF-20%-80%	1	PCS
C217	65L0603224 17	CAP:CER 0.22UF-20%-80%	1	PCS
C218	65L0603224 17	CAP:CER 0.22UF-20%-80%	1	PCS
C219	65L0603224 17	CAP:CER 0.22UF-20%-80%	1	PCS
C220	65L0603224 17	CAP:CER 0.22UF-20%-80%	1	PCS
C221	65L0603224 17	CAP:CER 0.22UF-20%-80%	1	PCS
C223	65L0603683 32	CHIP 0.068UF 50L X7R	1	PCS
C224	65L0603331 32	CHIP 330PF 50V X7R	1	PCS
C225	65L0603331 32	CHIP 330PF 50V X7R	1	PCS
C226	65L0603331 32	CHIP 330PF 50V X7R	1	PCS
C227	65L0603152 32	1500PF +-10% 50V X7R 06	1	PCS
C228	65L0603391 31	CAP:CER 390PF 5%50V SMT	1	PCS
C229	65L0603224 17	CAP:CER 0.22UF-20%-80%	1	PCS
C230	67L 312101 3	SMD 100UF +-20% 16V	1	PCS

C231	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C232	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C233	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C234	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C235	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C236	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C237	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C238	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C239	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C240	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C241	65L0603680 31	CHIP 68PF 50V NPO	1	PCS
C242	65L0603224 17	CAP:CER 0.22UF-20%-80%	1	PCS
C246	65L0603820 31	0603 82PF +-5%, 50V NPO	1	PCS
C300	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C301	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C302	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C303	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C304	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C305	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C306	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C307	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C308	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C309	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C310	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C311	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C312	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C313	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C314	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C315	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C316	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C317	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C318	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C319	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C320	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C321	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C322	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C323	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C324	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C325	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C326	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C327	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C328	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C329	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C330	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C331	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C332	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C333	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS

C334	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C335	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C336	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C337	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C338	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C339	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C340	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C341	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C342	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C343	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C344	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C345	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C346	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C347	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C348	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C349	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C350	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C351	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C352	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C353	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C354	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C355	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C356	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C357	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C358	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C360	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C361	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C362	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C364	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C366	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C367	65L0603150 31	CHIP 15PF 50V NPO	1	PCS
C368	65L0603150 31	CHIP 15PF 50V NPO	1	PCS
C369	65L0603330 32	CHIP 33PF 50V X7R	1	PCS
C370	65L0603330 32	CHIP 33PF 50V X7R	1	PCS
C371	67L 312109 7	CAP:1uF/50V,CASE-B	1	PCS
C372	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C373	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C374	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C375	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C376	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C377	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C378	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C380	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C381	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C382	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C383	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C384	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS

C385	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C386	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C387	65L0603220 31	CHIP 22PF 50V NPO	1	PCS
C388	65L0603220 31	CHIP 22PF 50V NPO	1	PCS
C389	65L0603220 31	CHIP 22PF 50V NPO	1	PCS
C390	65L0603220 31	CHIP 22PF 50V NPO	1	PCS
C391	65L0603331 32	CHIP 330PF 50V X7R	1	PCS
C396	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C398	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C399	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C400	65L0603682 32	CHIP 0.0068uF 50V X7R	1	PCS
C401	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C402	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C405	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C407	65L0603561 31	CAP:CER 560PF 5%50V SMT	1	PCS
C408	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C409	65L0603683 32	CHIP 0.068UF 50L X7R	1	PCS
C411	67L 312470 3	SMD 47UF +-20% 16V	1	PCS
C412	65L0603470 31	CHIP 47PF 50V NPO	1	PCS
C413	65L0603470 31	CHIP 47PF 50V NPO	1	PCS
C414	65L0603470 31	CHIP 47PF 50V NPO	1	PCS
C415	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C500	65L0603822 32	CHIP 0.0082UF 50L X7R	1	PCS
C501	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C502	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C503	65L0603823 32	CHIP 0.082UF 50L X7R	1	PCS
C504	65L0603330 31	33PF+-5% 50V NPO	1	PCS
C505	65L0603474 27	CHIP 0.47UF 25V Y5V 060	1	PCS
C506	65L0603474 27	CHIP 0.47UF 25V Y5V 060	1	PCS
C507	65L0603102 31	CHIP 1000PF 50V NPO	1	PCS
C508	65L0603474 27	CHIP 0.47UF 25V Y5V 060	1	PCS
C509	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C510	65L0603220 31	CHIP 22PF 50V NPO	1	PCS
C511	65L0603101 32	100PF +-10% 50V X7R	1	PCS
C512	65L0603101 32	100PF +-10% 50V X7R	1	PCS
C513	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C514	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C515	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C516	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C517	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C518	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C519	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C520	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C521	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C522	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C523	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C524	67L 312100 3	SMD 10uf +-20% 16V	1	PCS

C525	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C526	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C527	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C528	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C529	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C530	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C531	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C532	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C533	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C534	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C535	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C600	65L0603152 32	1500PF +-10% 50V X7R 06	1	PCS
C601	65L0603339 31	CAP:CER 3.3+-0.5PF 50V	1	PCS
C602	65L0603339 31	CAP:CER 3.3+-0.5PF 50V	1	PCS
C603	65L0603560 31	CHIP 56PF 50V NPO	1	PCS
C604	65L0603560 31	CHIP 56PF 50V NPO	1	PCS
C605	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C606	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C607	65L0603152 32	1500PF +-10% 50V X7R 06	1	PCS
C608	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C609	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C610	67L 312109 7	CAP:1uF/50V,CASE-B	1	PCS
C611	67L 312109 7	CAP:1uF/50V,CASE-B	1	PCS
C612	67L 312109 7	CAP:1uF/50V,CASE-B	1	PCS
C613	67L 312109 7	CAP:1uF/50V,CASE-B	1	PCS
C614	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C615	65L0603152 32	1500PF +-10% 50V X7R 06	1	PCS
C616	65L0603221 31	CAP:CER 220PF 5% 50V SM	1	PCS
C617	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C618	65L0603331 32	CHIP 330PF 50V X7R	1	PCS
C619	65L0603331 32	CHIP 330PF 50V X7R	1	PCS
C620	65L0603331 32	CHIP 330PF 50V X7R	1	PCS
C621	65L0603331 32	CHIP 330PF 50V X7R	1	PCS
C622	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C623	67L 312220 3	SMD 22UF +-20% 16V	1	PCS
C624	67L 312339 7	CAP:3.3uF/50V,CASE-B	1	PCS
C625	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C626	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C627	67L 312109 7	CAP:1uF/50V,CASE-B	1	PCS
C628	65L0603471 32	CHIP 470PF 50V X7R	1	PCS
C629	67L 312109 7	CAP:1uF/50V,CASE-B	1	PCS
C630	65L0603103 32	0.01UF+-10% 50V X7R	1	PCS
C631	65L0603103 32	0.01UF+-10% 50V X7R	1	PCS
C632	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C633	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C634	65L0603561 31	CAP:CER 560PF 5%50V SMT	1	PCS
C635	65L0603561 31	CAP:CER 560PF 5%50V SMT	1	PCS

C636	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C637	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C638	67L 312220 3	SMD 22UF +-20% 16V	1	PCS
C639	65L0603474 27	CHIP 0.47UF 25V Y5V 060	1	PCS
C640	65L0603474 27	CHIP 0.47UF 25V Y5V 060	1	PCS
C641	65L0603472 32	CHIP 4700PF 50V X7R	1	PCS
C642	67L 312229 7	SMD 2.2UF +-20% 50V	1	PCS
C643	67L 312229 7	SMD 2.2UF +-20% 50V	1	PCS
C644	67L311F221 3T	220UF 16V 105 PANASONIC	1	PCS
C645	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C646	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C647	65L0603105 17	1UF 16V Y5V	1	PCS
C648	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C649	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C650	65L0603105 17	1UF 16V Y5V	1	PCS
C651	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C652	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C653	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C654	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C655	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C656	65L0603102 32	1000PF +-10% 50V X7R	1	PCS
C657	65L0603102 32	1000PF +-10% 50V X7R	1	PCS
C658	65L0603102 32	1000PF +-10% 50V X7R	1	PCS
C659	65L0603102 32	1000PF +-10% 50V X7R	1	PCS
C662	65L0603103 32	0.01UF+-10% 50V X7R	1	PCS
C663	65L0603103 32	0.01UF+-10% 50V X7R	1	PCS
C700	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C701	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C702	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C703	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C704	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C705	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C706	67L 312470 3	SMD 47UF +-20% 16V	1	PCS
C707	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C708	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C709	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C710	67L 312101 3	SMD 100UF +-20% 16V	1	PCS
C711	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C712	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C713	67L 312470 3	SMD 47UF +-20% 16V	1	PCS
C714	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C715	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C716	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C717	67L 312470 3	SMD 47UF +-20% 16V	1	PCS
C718	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C719	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C720	67L 312100 3	SMD 10uf +-20% 16V	1	PCS

C721	67L 312100 3	SMD 10uf +-20% 16V	1	PCS
C722	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C723	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C724	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C725	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
C726	65L0603104 12	0.1UF +-10% 16V X7R	1	PCS
CN101	33L8019 50	CONNECTOR 50P	1	PCS
CP100	65L600M471 8T	Chip Array 470PF 50V+-2	1	PCS
CP102	65L 600220 8T	22PF+-10% 50V 8P NPO SM	1	PCS
CP103	65L 600220 8T	22PF+-10% 50V 8P NPO SM	1	PCS
CP104	65L 600220 8T	22PF+-10% 50V 8P NPO SM	1	PCS
CP105	65L 600220 8T	22PF+-10% 50V 8P NPO SM	1	PCS
CP106	65L 600220 8T	22PF+-10% 50V 8P NPO SM	1	PCS
CP107	65L 600220 8T	22PF+-10% 50V 8P NPO SM	1	PCS
CP600	65L600M471 8T	Chip Array 470PF 50V+-2	1	PCS
D100	93L 6432V	LL4148-GS08	1	PCS
D300	93L 6432V	LL4148-GS08	1	PCS
D500	93L 6433P	BAV99	1	PCS
D501	93L 6433P	BAV99	1	PCS
D502	93L 6433P	BAV99	1	PCS
D503	93L 6432V	LL4148-GS08	1	PCS
D504	93L 6432V	LL4148-GS08	1	PCS
L101	71L 56U601	BEAD	1	PCS
L102	71L 56U601	BEAD	1	PCS
L103	71L 56U601	BEAD	1	PCS
L106	71L 56U601	BEAD	1	PCS
L107	71L 56U601	BEAD	1	PCS
L108	71L 56U601	BEAD	1	PCS
L109	71L 56U601	BEAD	1	PCS
L110	71L 56U601	BEAD	1	PCS
L112	71L 56U601	BEAD	1	PCS
L120	61L0805000	CHIP O OHM 1/8W	1	PCS
L123	61L0805000	CHIP O OHM 1/8W	1	PCS
L126	71L 56U601	BEAD	1	PCS
L127	71L 56U601	BEAD	1	PCS
L128	61L0805000	CHIP O OHM 1/8W	1	PCS
L136	71L 56U601	BEAD	1	PCS
L137	71L 56U601	BEAD	1	PCS
L141	71L 56U601	BEAD	1	PCS
L142	71L 56U601	BEAD	1	PCS
L143	71L 59B121 K	BEAD	1	PCS
L144	71L 59B121 K	BEAD	1	PCS
L145	71L 59B121 K	BEAD	1	PCS
L146	71L 56U601	BEAD	1	PCS
L147	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
L148	71L 59B121 K	BEAD	1	PCS
L149	71L 59B121 K	BEAD	1	PCS

L151	71L 59B121 K	BEAD	1	PCS
L152	71L 59B121 K	BEAD	1	PCS
L153	71L 59B121 K	BEAD	1	PCS
L154	61L0805000	CHIP O OHM 1/8W	1	PCS
L155	61L0805000	CHIP O OHM 1/8W	1	PCS
L200	71L 56G151 B	BEAD	1	PCS
L201	71L 56G151 B	BEAD	1	PCS
L202	71L 56G151 B	BEAD	1	PCS
L203	71L 56G151 B	BEAD	1	PCS
L207	71L 56U601	BEAD	1	PCS
L208	71L 56U601	BEAD	1	PCS
L301	71L 56U601	BEAD	1	PCS
L302	71L 56U601	BEAD	1	PCS
L303	71L 56U601	BEAD	1	PCS
L304	71L 56U601	BEAD	1	PCS
L305	71L 56U601	BEAD	1	PCS
L306	71L 56U601	BEAD	1	PCS
L307	71L 56U601	BEAD	1	PCS
L308	71L 56U601	BEAD	1	PCS
L309	71L 57G601	TI3216JIG601-T17A	1	PCS
L312	71L 56U601	BEAD	1	PCS
L401	71L 56U601	BEAD	1	PCS
L402	61L0805000	CHIP O OHM 1/8W	1	PCS
L500	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
L501	71L 56U601	BEAD	1	PCS
L502	71L 56U601	BEAD	1	PCS
L503	71L 56U601	BEAD	1	PCS
L504	71L 56B500	CHIP BEAD 2*1.2*0.9	1	PCS
L505	71L 56B500	CHIP BEAD 2*1.2*0.9	1	PCS
L506	71L 56B500	CHIP BEAD 2*1.2*0.9	1	PCS
L600	71L 56U601	BEAD	1	PCS
L601	71L 56U601	BEAD	1	PCS
L602	71L 56U601	BEAD	1	PCS
L603	71L 56U601	BEAD	1	PCS
L604	71L 56U601	BEAD	1	PCS
L605	71L 56U601	BEAD	1	PCS
L606	71L 56U601	BEAD	1	PCS
L609	71L 56U601	BEAD	1	PCS
L610	71L 56U601	BEAD	1	PCS
L615	71L 56U601	BEAD	1	PCS
L700	71L 56U601	BEAD	1	PCS
L702	71L 57G601	TI3216JIG601-T17A	1	PCS
L703	71L 57G601	TI3216JIG601-T17A	1	PCS
L704	71L 57G601	TI3216JIG601-T17A	1	PCS
L705	71L 57G601	TI3216JIG601-T17A	1	PCS
L706	71L 57G601	TI3216JIG601-T17A	1	PCS
L708	71L 56U601	BEAD	1	PCS

L709	71L 56U601	BEAD	1	PCS
L710	71L 57G601	TI3216JIG601-T17A	1	PCS
L712	71L 57G601	TI3216JIG601-T17A	1	PCS
LP100	71L 56A121 8T	CHIP BEAD ARRAY 120 OHM	1	PCS
LP101	71L 56A121 8T	CHIP BEAD ARRAY 120 OHM	1	PCS
LP102	71L 56A121 8T	CHIP BEAD ARRAY 120 OHM	1	PCS
LP103	71L 56A121 8T	CHIP BEAD ARRAY 120 OHM	1	PCS
LP104	71L 56A121 8T	CHIP BEAD ARRAY 120 OHM	1	PCS
LP105	71L 56A121 8T	CHIP BEAD ARRAY 120 OHM	1	PCS
LP107	71L 56A121 8T	CHIP BEAD ARRAY 120 OHM	1	PCS
LP108	71L 56A121 8T	CHIP BEAD ARRAY 120 OHM	1	PCS
LP110	71L 56A301 8B	CHIP BEAD ARRAY 300 OHM	1	PCS
LP600	71L 56A301 8B	CHIP BEAD ARRAY 300 OHM	1	PCS
Q300	57L 763 2	AO4403 SO-8 BY AOS SMT	1	PCS
Q301	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q302	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q401	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q600	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q700	57L 763 1	A03401 SOT23 BY AOS(A1)	1	PCS
Q701	57L 763 2	AO4403 SO-8 BY AOS SMT	1	PCS
Q702	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q703	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
R1	61L0805000	CHIP O OHM 1/8W	1	PCS
R10	61L0805000	CHIP O OHM 1/8W	1	PCS
R101	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R104	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R105	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R106	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R107	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R108	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R109	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R111	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R112	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R113	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R114	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R115	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R116	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R118	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R119	61L0603100 2F	10K 1% 1/10W	1	PCS
R123	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R124	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R125	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R129	61L0603100 2F	10K 1% 1/10W	1	PCS
R130	61L0603150 2F	CHIPR 15KOHM +-1% 1/10W	1	PCS
R132	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R133	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R2	61L0805000	CHIP O OHM 1/8W	1	PCS

R200	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R201	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R202	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R203	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R204	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R205	61L0603105	CHIPR 1M OHM+-5% 1/10W	1	PCS
R206	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R207	61L0805750	CHIPR 75 OHM +-5% 1/8W	1	PCS
R208	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R209	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R210	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R211	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R213	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R214	61L0603432	4.3K OHM 5% 1/10W	1	PCS
R215	61L0603432	4.3K OHM 5% 1/10W	1	PCS
R216	61L0603432	4.3K OHM 5% 1/10W	1	PCS
R217	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R218	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R219	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R220	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R223	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R224	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R225	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R226	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R230	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R231	61L0603152	CHIPR 1.5KOHM+-5% 1/10W	1	PCS
R232	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R233	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R234	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R3	61L0805000	CHIP O OHM 1/8W	1	PCS
R300	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R301	71L 59B121 K	BEAD	1	PCS
R302	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R303	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R304	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R305	61L0603913	CHIP 91K OHM 1/10W	1	PCS
R306	61L0603152	CHIPR 1.5KOHM+-5% 1/10W	1	PCS
R307	61L0603913	CHIP 91K OHM 1/10W	1	PCS
R308	61L0603912	CHIPR 9.1KOHM +-5% 1/10	1	PCS
R309	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R310	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R311	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R312	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R313	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R314	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R315	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R316	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS

R317	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R318	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R319	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R320	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R321	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R322	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R323	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R324	61L0603330	CHIPR 33 OHM +-5% 1/10W	1	PCS
R326	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R327	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R328	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R329	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R330	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R333	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R334	61L0603105	CHIPR 1M OHM+-5% 1/10W	1	PCS
R335	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R336	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R337	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R338	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R339	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R341	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R342	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R343	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R344	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R345	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R346	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R347	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R348	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R349	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R350	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R351	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R352	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R353	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R354	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R355	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R356	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R357	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R358	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R359	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R360	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R363	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R364	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R365	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R366	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R367	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R370	61L0603302	CHIPR 3K OHM +-5% 1/10W	1	PCS
R374	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS

R4	61L0805000	CHIP O OHM 1/8W	1	PCS
R400	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R401	61L0603223	CHIPR 22K OHM +-5% 1/10	1	PCS
R402	61L0603470	CHIPR 47 OHM +-5% 1/10W	1	PCS
R403	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R404	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R405	61L0603223	CHIPR 22K OHM +-5% 1/10	1	PCS
R406	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R408	61L0603682	CHIP 6.8K OHM 1/10W	1	PCS
R412	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R413	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R414	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R415	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R416	61L0805000	CHIP O OHM 1/8W	1	PCS
R5	61L0805000	CHIP O OHM 1/8W	1	PCS
R501	61L0603272	CHIP 2.7K OHM 1/10W	1	PCS
R502	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R503	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R504	61L0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R505	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R506	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R507	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R508	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R509	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R510	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R511	61L0603750 9F	75OHM 1% 1/10W	1	PCS
R513	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R514	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R515	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R516	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R6	61L0805000	CHIP O OHM 1/8W	1	PCS
R601	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R602	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R603	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R604	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R605	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R606	61L0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R607	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R608	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R609	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R610	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R611	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R612	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R613	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R614	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R615	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R616	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS

R618	61L0603473	CHIP 47K OHM 1/10W	1	PCS
R619	61L0603316 2F	CHIP 31.6K OHM 1/10W 1%	1	PCS
R620	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
R621	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R622	61L0603152	CHIPR 1.5KOHM+-5% 1/10W	1	PCS
R623	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R624	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R625	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R626	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R627	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
R628	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R629	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R630	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R631	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
R632	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
R633	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R634	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R635	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
R636	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R637	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R638	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R639	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R640	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R641	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R642	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R645	61L0805000	CHIP O OHM 1/8W	1	PCS
R652	61L0805000	CHIP O OHM 1/8W	1	PCS
R653	61L0805000	CHIP O OHM 1/8W	1	PCS
R654	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R655	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R7	61L0805000	CHIP O OHM 1/8W	1	PCS
R700	61L0603120 0F	CHIPR 120OHM +-1% 1/10W	1	PCS
R701	61L0603473	CHIP 47K OHM 1/10W	1	PCS
R702	61L0603223	CHIPR 22K OHM +-5% 1/10	1	PCS
R703	61L0603302	CHIPR 3K OHM +-5% 1/10W	1	PCS
R704	61L0603473	CHIP 47K OHM 1/10W	1	PCS
R705	61L0603223	CHIPR 22K OHM +-5% 1/10	1	PCS
R706	61L1206620 0F	CHIP 620 OHM 1/4W 1%	1	PCS
R710	61L0805000	CHIP O OHM 1/8W	1	PCS
R711	61L0805000	CHIP O OHM 1/8W	1	PCS
R712	61L0805000	CHIP O OHM 1/8W	1	PCS
R713	61L0805000	CHIP O OHM 1/8W	1	PCS
R714	61L0805000	CHIP O OHM 1/8W	1	PCS
R715	61L0805000	CHIP O OHM 1/8W	1	PCS
R716	61L0805000	CHIP O OHM 1/8W	1	PCS
R717	61L0805000	CHIP O OHM 1/8W	1	PCS
R8	61L0805000	CHIP O OHM 1/8W	1	PCS

R9	61L0805000	CHIP O OHM 1/8W	1	PCS
R945	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
RN100	61L 125153 8	CHIP ARRAY 15K OHM 1/16	1	PCS
RN101	61L 125333 8	ARRAY 33K OHM 1/16 8P4R	1	PCS
RN105	61L 125000 8	CHIP ARRAY O OHM 1/16	1	PCS
RN300	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN301	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN302	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN303	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN304	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN305	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN306	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN307	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN308	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN309	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN310	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN311	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN312	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN313	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN314	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN315	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN316	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN317	61L 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RP200	61L 125101 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RP201	61L 125101 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RP202	61L 125101 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RP203	61L 125101 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RP500	61L 125101 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RP501	61L 125101 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RP502	61L 125101 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RP503	61L 125101 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RP504	61L 125101 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RP505	61L 125101 8	CHIP ARRAY 100 OHM 1/16	1	PCS
U100	56V 614 1	74HC4052D	1	PCS
U101	56V 585 9	AP1117E50A SOT-223	1	PCS
U102	56V 625 1	NJM-2244M-TE1	1	PCS
U103	56V 603 2	M61323FP SSOP-36	1	PCS
U105	56V 585 9	AP1117E50A SOT-223	1	PCS
U200	56V 640 1	VPC3230D	1	PCS
U300	56V 562 50	SPV301A PBGA-388	1	PCS
U301	56V 652 1	PCA9554PW TSSOP-16 PHIL	1	PCS
U302	56V 615 8A	GLT5640L16-7TC TSOP-54	1	PCS
U303	56V 615 8A	GLT5640L16-7TC TSOP-54	1	PCS
U304	56V1133 56	M24C16-WMN6T/W SO-8	1	PCS
U310	87L 202 32	PLCC CONN 32PIN	1	PCS
U401	56V 623 1	Z8612912SSC	1	PCS
U500	56V1133 34	M24C02-WMN6T SMT	1	PCS

U501	56V 567 6	AD9883AKST-140	1	PCS
U600	56V 593 6	M62438FP SOP-10	1	PCS
U601	56V 593 4	MSP3425G-QI-B8-V3PMQFP6	1	PCS
U602	56V 535 3	TDA7266D	1	PCS
U603	56V 616 3	PT2308S SO-8	1	PCS
U700	56V 585 4	AIC1117-33CY	1	PCS
U701	56V 585 4	AIC1117-33CY	1	PCS
U702	56V 585 4	AIC1117-33CY	1	PCS
U703	56V 585 5A	AP1117E25A	1	PCS
U704	56V 133 30AAC	AZ1117H-ADJ SOT223	1	PCS
ZD500	93L 39139	MLL752A	1	PCS
ZD501	93L 39139	MLL752A	1	PCS
ZD502	93L 39139	MLL752A	1	PCS
ZD503	93L 39139	MLL752A	1	PCS
PWT2062AU1				
	PW2062AU1SMT	PWOER BOARD FOR SMT ASS	1	PCS
	40L 45762420A	ID LABEL	1.03	PCS
	705L 20 57 01	Q901 ASS'Y	1	PCS
	705L 20 93 01	D910 ASS'Y	1	PCS
	705L 780 87 15	CN901 ASS'Y	1	PCS
BD901	93L 50460 16	U4KB80R	1	PCS
C101	67L 215102 3H	1000UF +-20% 16V	1	PCS
C108	67L 215102 3H	1000UF +-20% 16V	1	PCS
C201	65L 3J2706ET	27PF +-5% 3KV TDK	1	PCS
C203	67L 215102 3H	1000UF +-20% 16V	1	PCS
C204	67L 215102 3H	1000UF +-20% 16V	1	PCS
C205	65L 3J2706ET	27PF +-5% 3KV TDK	1	PCS
C209	65L 3J2706ET	27PF +-5% 3KV TDK	1	PCS
C218	65L 3J2706ET	27PF +-5% 3KV TDK	1	PCS
C219	65L 3J2706ET	27PF +-5% 3KV TDK	1	PCS
C222	65L 3J2706ET	27PF +-5% 3KV TDK	1	PCS
C903	63L 107474 HS	0.47UF +-10% 250VAC	1	PCS
C904	63L107K224 US	X2 0.22UF 275VAC MPX	1	PCS
C905	67L215S15115K	EC105C 150UF 450V	1	PCS
C914	67L215C102 4K	LOW&E.S.RE.C 105 □	1	PCS
C915	67L215C102 4K	LOW&E.S.RE.C 105 □	1	PCS
C916	67L 215102 3H	1000UF +-20% 16V	1	PCS
C920	67L 215102 3H	1000UF +-20% 16V	1	PCS
C922	65L305M2222B3	C-C220P/250V	1	PCS
C924	65L305M2222B3	C-C220P/250V	1	PCS
CN201	33L8021 2D U	CONN.2P DIP R/A LM401-0	1	PCS
CN202	33L8021 2D U	CONN.2P DIP R/A LM401-0	1	PCS
CN203	33L8021 2D U	CONN.2P DIP R/A LM401-0	1	PCS
CN204	33L8021 2D U	CONN.2P DIP R/A LM401-0	1	PCS
CN205	33L8021 2D U	CONN.2P DIP R/A LM401-0	1	PCS
CN206	33L8021 2D U	CONN.2P DIP R/A LM401-0	1	PCS
CN902	33L800910N H	10P H:6.0/3.0MM	1	PCS

F901	84L 7H200 SL	250V/2A LIHEL FUSE	1	PCS
IC902	56V 139 3A	PC123Y22	1	PCS
L101	73L 253151 LS	CHOKE COIL 45UH	1	PCS
L201	73L 253138 Y	CHOKE	1	PCS
L202	73L 174 39 YS	LINE FILTER	1	PCS
L203	73L 174 39 YS	LINE FILTER	1	PCS
L204	73L 253138 Y	CHOKE	1	PCS
L205	73L 174 39 YS	LINE FILTER	1	PCS
L206	73L 174 39 YS	LINE FILTER	1	PCS
L901	73L 174 31 LS	LINE FILTER	1	PCS
L902	73L 174 29LSH	LINE FILTER	1	PCS
L903	73L 253 91 LS	CHOKE BY LI SHIN	1	PCS
NR901	61L 58050 WT	NTC 5 OHM 5A	1	PCS
PT201	80LL17T 13 DN	XFMR	1	PCS
PT202	80LL17T 13 DN	XFMR	1	PCS
Q205	57L 761 7	KTD1691 DIP BY KEC	1	PCS
Q208	57L 761 7	KTD1691 DIP BY KEC	1	PCS
Q214	57L 761 7	KTD1691 DIP BY KEC	1	PCS
Q216	57L 761 7	KTD1691 DIP BY KEC	1	PCS
R202	61L 208102 64	1KOHM 5% 1W	1	PCS
R204	61L 208102 64	1KOHM 5% 1W	1	PCS
R230	61L 208102 64	1KOHM 5% 1W	1	PCS
R232	61L 208102 64	1KOHM 5% 1W	1	PCS
R903	61L152M10452G	100K OHM 5% 2W	1	PCS
R914	61L152M308 64	0.3 OHM 5% 2W	1	PCS
C102	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C104	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C106	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C107	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C109	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C202	65L0805103 22	CHIP 0.01uF 25V X7R 080	1	PCS
C207	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C208	65L0805105 22	CHIP 1UF 25V X7R 0805	1	PCS
C210	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C211	65L0805105 22	CHIP 1UF 25V X7R 0805	1	PCS
C212	65L0805102 32	CHIP 1000P 50VX7R 0805	1	PCS
C213	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C214	65L0805334 22	0.33UF+-10% 25V X7R 080	1	PCS
C215	65L0805223 22	CHIP 0.022UF 25V X7R 08	1	PCS
C217	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C220	65L0805103 22	CHIP 0.01uF 25V X7R 080	1	PCS
C221	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C224	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C225	65L0805105 22	CHIP 1UF 25V X7R 0805	1	PCS
C226	65L0805334 22	0.33UF+-10% 25V X7R 080	1	PCS
C227	65L0805102 32	CHIP 1000P 50VX7R 0805	1	PCS
C228	65L0805223 22	CHIP 0.022UF 25V X7R 08	1	PCS

C229	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C231	65L0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C232	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C233	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C234	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C235	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C236	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C237	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C238	65L0805103 32	10NF/50V/0805/X7R	1	PCS
C239	65L0805103 32	10NF/50V/0805/X7R	1	PCS
C240	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C241	65L0805225 27	2.2UF	1	PCS
C242	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C243	65L0805105 22	CHIP 1UF 25V X7R 0805	1	PCS
C245	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C246	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C247	65L0805103 32	10NF/50V/0805/X7R	1	PCS
C908	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C910	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C911	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C912	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C913	65L1206102 72	CHIP 1000PF 500V X7R	1	PCS
C917	65L0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C918	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C923	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
D101	93L8004 2	SBM84	1	PCS
D102	93L 6432V	LL4148-GS08	1	PCS
D202	93L 6433P	BAV99	1	PCS
D203	93L 6432V	LL4148-GS08	1	PCS
D204	93L3004 2	SR34 PAN JIT	1	PCS
D206	93L 6432V	LL4148-GS08	1	PCS
D207	93L 6433P	BAV99	1	PCS
D208	93L 6432V	LL4148-GS08	1	PCS
D209	93L 6433P	BAV99	1	PCS
D210	93L 6433P	BAV99	1	PCS
D212	93L 6432V	LL4148-GS08	1	PCS
D213	93L 6433P	BAV99	1	PCS
D214	93L 6432V	LL4148-GS08	1	PCS
D215	93L3004 2	SR34 PAN JIT	1	PCS
D217	93L 6433P	BAV99	1	PCS
D218	93L 6432V	LL4148-GS08	1	PCS
D219	93L 6433P	BAV99	1	PCS
D220	93L 6433P	BAV99	1	PCS
D223	93L 6432V	LL4148-GS08	1	PCS
D228	93L 6432V	LL4148-GS08	1	PCS
D229	93L 39S 24 T	RLZTE-115.6B ROHM	1	PCS
D903	93L 6432V	LL4148-GS08	1	PCS

D904	93L 6432V	LL4148-GS08	1	PCS
IC101	56V 379 37	FP5001DR	1	PCS
IC201	56V 212 6	LM339D	1	PCS
IC203	56V 212 6	LM339D	1	PCS
IC204	56V 212 6	LM339D	1	PCS
IC205	56V 192 11	LM393MX	1	PCS
IC206	56V 212 5	LM324D	1	PCS
IC901	56V 379 33	SG6841S	1	PCS
Q101	57L 763 3	AO4411 SO-8 BY AOS SMT	1	PCS
Q102	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q103	57L 417 6	PMBS3906/PHILIPS-SMT(06	1	PCS
Q201	57L 763 3	AO4411 SO-8 BY AOS SMT	1	PCS
Q202	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q203	57L 760 4	DTA144WKA BY ROHM SMT(7	1	PCS
Q204	57L 760 5	DTC144WKA BY ROHM SMT(8	1	PCS
Q206	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q207	57L 759 2	RK7002 SOT-23	1	PCS
Q209	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q210	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q211	57L 763 3	AO4411 SO-8 BY AOS SMT	1	PCS
Q212	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q213	57L 759 2	RK7002 SOT-23	1	PCS
Q215	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q217	57L 759 2	RK7002 SOT-23	1	PCS
Q218	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q219	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q220	57L 760 5	DTC144WKA BY ROHM SMT(8	1	PCS
Q221	57L 760 5	DTC144WKA BY ROHM SMT(8	1	PCS
Q222	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q223	57L 760 5	DTC144WKA BY ROHM SMT(8	1	PCS
Q224	57L 760 4	DTA144WKA BY ROHM SMT(7	1	PCS
Q225	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
Q902	57L 417 6	PMBS3906/PHILIPS-SMT(06	1	PCS
Q903	57L 417 4	PMBS3904/PHILIPS-SMT(04	1	PCS
R101	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R102	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R103	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R104	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R105	61L0603333	CHIP 33K OHM 1/10W	1	PCS
R106	61L0603473	CHIP 47K OHM 1/10W	1	PCS
R107	61L0603302	CHIPR 3K OHM +-5% 1/10W	1	PCS
R108	61L0603150 2F	CHIPR 15KOHM +-1% 1/10W	1	PCS
R109	61L0603360 1F	CHIP 3.6KOHM 1% 1/10W	1	PCS
R110	61L0603272	CHIP 2.7K OHM 1/10W	1	PCS
R111	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R112	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R201	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS

R205	61L0603100 2F	10K 1% 1/10W	1	PCS
R206	61L0603100 2F	10K 1% 1/10W	1	PCS
R207	61L0603680 1F	CHIP 6.8KOHM 1% 1/10W	1	PCS
R208	61L0603160 2F	CHIP 16K OHM 1/10W 1%	1	PCS
R209	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R210	61L0603100 4F	CHIP 1M OHM 1/10W 1%	1	PCS
R2100	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R211	61L0603100 2F	10K 1% 1/10W	1	PCS
R212	61L0603750 1F	RES 7K5 1/10W 1% SMT 06	1	PCS
R213	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
R214	61L1206472	CHIP 4.7KOHM 5% 1/4W	1	PCS
R217	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R219	61L0603180 2F	CHIP 18K OHM 1/10W 1%	1	PCS
R221	61L0603272	CHIP 2.7K OHM 1/10W	1	PCS
R224	61L0603180 2F	CHIP 18K OHM 1/10W 1%	1	PCS
R225	61L0603820 1F	RES 8K2 1/10W 1% SMT 06	1	PCS
R228	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R229	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R234	61L0603100 2F	10K 1% 1/10W	1	PCS
R236	61L0603100 4F	CHIP 1M OHM 1/10W 1%	1	PCS
R237	61L0603680 1F	CHIP 6.8KOHM 1% 1/10W	1	PCS
R238	61L0603160 2F	CHIP 16K OHM 1/10W 1%	1	PCS
R239	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R240	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
R241	61L0603750 1F	RES 7K5 1/10W 1% SMT 06	1	PCS
R244	61L0603180 2F	CHIP 18K OHM 1/10W 1%	1	PCS
R246	61L0603272	CHIP 2.7K OHM 1/10W	1	PCS
R248	61L0603180 2F	CHIP 18K OHM 1/10W 1%	1	PCS
R251	61L0603820 1F	RES 8K2 1/10W 1% SMT 06	1	PCS
R254	61L0603150 2F	CHIPR 15KOHM +-1% 1/10W	1	PCS
R255	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R256	61L0603515	CHIPR 5.1MOHM +-5% 1/10	1	PCS
R257	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R258	61L0603120 2F	CHIP 12K OHM 1/10W 1%	1	PCS
R259	61L0603120 2F	CHIP 12K OHM 1/10W 1%	1	PCS
R260	61L0603100 4F	CHIP 1M OHM 1/10W 1%	1	PCS
R261	61L0603100 4F	CHIP 1M OHM 1/10W 1%	1	PCS
R262	61L0603100 4F	CHIP 1M OHM 1/10W 1%	1	PCS
R263	61L0603100 4F	CHIP 1M OHM 1/10W 1%	1	PCS
R264	61L0603100 4F	CHIP 1M OHM 1/10W 1%	1	PCS
R265	61L0603100 4F	CHIP 1M OHM 1/10W 1%	1	PCS
R267	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R268	61L0603513	CHIP 51K OHM 1/10W	1	PCS
R271	61L0603100 4F	CHIP 1M OHM 1/10W 1%	1	PCS
R272	61L0603304	CHIP 300KOHM 5% 1/10W	1	PCS
R273	61L0603304	CHIP 300KOHM 5% 1/10W	1	PCS
R274	61L0603470 2F	CHIP 47K OHM 1/10W 1%	1	PCS

R275	61L0603360 2F	chip 36k ohm 1/10w 1%	1	PCS
R279	61L0603303	CHIP 30K OHM 5% 1/10W	1	PCS
R280	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R281	61L0603513	CHIP 51K OHM 1/10W	1	PCS
R282	61L0603204	CHIPR 200KOHM +-5% 1/10	1	PCS
R283	61L0603205	CHIPR 2MOHM +-5% 1/10W	1	PCS
R284	61L0603273	RES 27K 1/10W 5% 0603	1	PCS
R285	61L0603513	CHIP 51K OHM 1/10W	1	PCS
R286	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R288	61L0603150 3F	150K 1/10W 1%	1	PCS
R291	61L0603684	CHIP 680K OHM 1/10W	1	PCS
R292	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R293	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R294	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R295	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R296	61L0603684	CHIP 680K OHM 1/10W	1	PCS
R297	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R298	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R299	61L0603104	CHIPR 100K OHM +-5% 1/1	1	PCS
R901	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
R902	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
R904	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
R906	61L1206754	CHIP 750KOHM 5% 1/4W	1	PCS
R908	61L1206339	CHIP 3.3OHM 1/4W	1	PCS
R910	61L0805000	CHIP O OHM 1/8W	1	PCS
R911	61L0805240 2F	CHIP 24KOHM 1% 1/8W	1	PCS
R912	61L0805203	CHIPR 20KOHM +-5% 1/8W	1	PCS
R915	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R916	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R917	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R918	61L0603472	CHIPR 4.7K OHM +-5% 1/1	1	PCS
R919	61L1206470	CHIP 47OHM 5% 1/4W	1	PCS
R920	61L1206470	CHIP 47OHM 5% 1/4W	1	PCS
R922	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R923	61L0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R924	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R925	61L0603102	CHIPR 1K OHM +-5% 1/10W	1	PCS
R926	61L0603931 1F	CHIPR 9.31KOHM+-1% 1/10	1	PCS
R927	61L0603243 1F	CHIPR 2.43KOHM+-1% 1/10	1	PCS
R928	61L0805104	CHIPR 100K OHM+-5% 1/8W	1	PCS
R929	61L1206000	CHIPR 0 OHM +-5% 1/4W	1	PCS
R930	61L1206000	CHIPR 0 OHM +-5% 1/4W	1	PCS
ZD901	93L 39S 12 T	RLZ20B BY ROHM	1	PCS
ZD902	93L 39S 17 T	RLZ12B ROHM	1	PCS
	715L1140 1A	PCB	1	PCS
C110	67L215B4713HT	470UF 16V LTR471M1CF11V	1	PCS
C216	64L701J2240AT	0.22UF 50V MEF	1	PCS

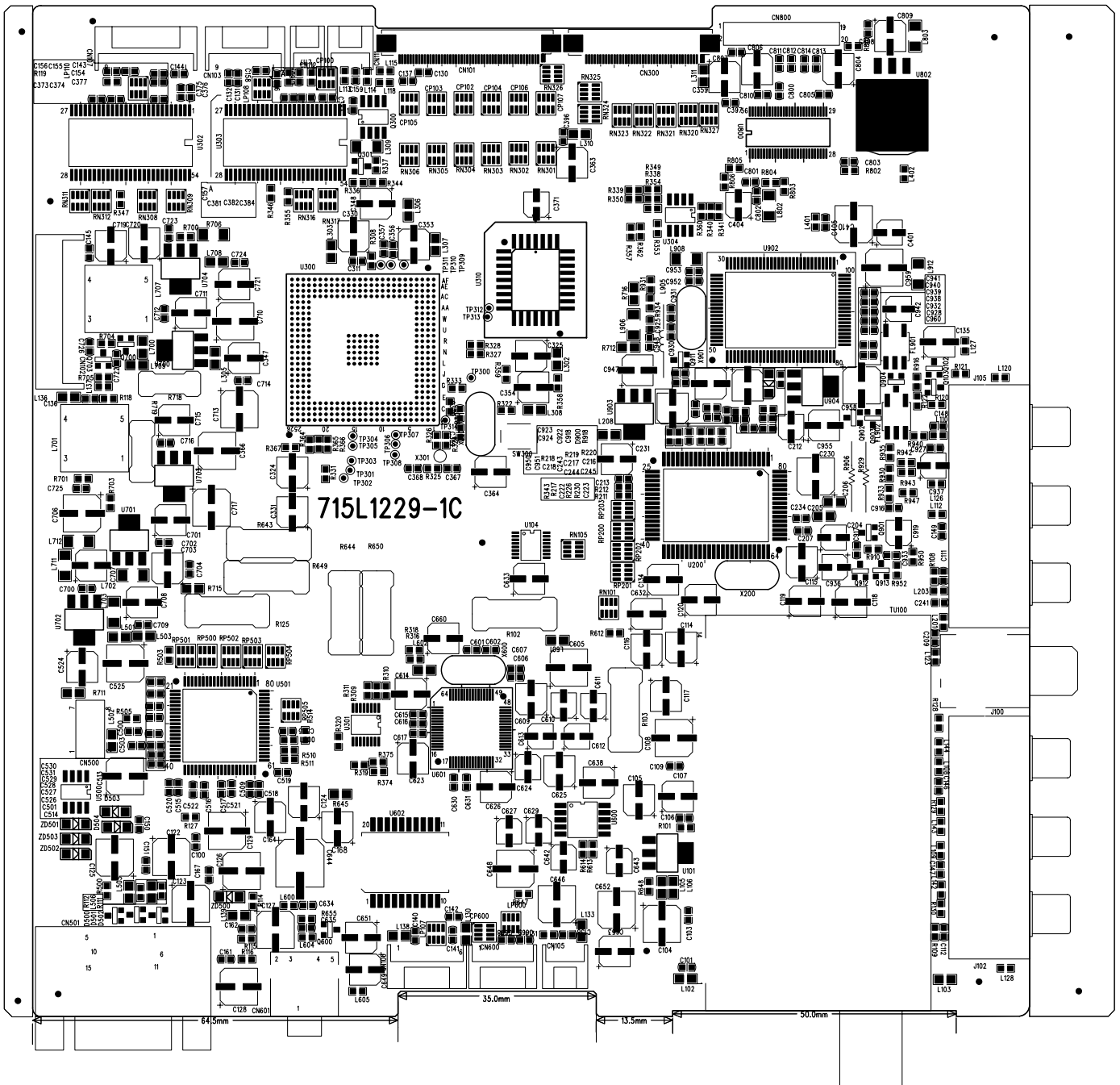
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C905	6L 31 4	1.7MM RIVET	2	PCS
C906	65L 1K152 1T	1.5NF/1KV Z5F+-10%	1	PCS
C907	67L 305220 7T	22UF +-20% 50V	1	PCS
CN901	6V 31500	EYELET	2	PCS
D221	93L 64 1152T	1N4148	1	PCS
D222	93L 64 1152T	1N4148	1	PCS
D224	93L 64 1152T	1N4148	1	PCS
D225	93L 64 1152T	1N4148	1	PCS
D226	93L 64 1152T	1N4148	1	PCS
D227	93L 64 1152T	1N4148	1	PCS
D901	93L 6026T52T	RECTIFIER DIODE FR107	1	PCS
D902	93L 6038T52T	FR103	1	PCS
FB101	71L 55 29	FERRITE BEAD	1	PCS
FB901	71L 55 29	FERRITE BEAD	1	PCS
FB902	71L 55 29	FERRITE BEAD	1	PCS
IC202	56V 158 10 T	AZ431AZ-A TO-92	1	PCS
IC903	56V 158 10 T	AZ431AZ-A TO-92	1	PCS
R215	61L 17110252T	1K OHM +-2% 1/4W	1	PCS
R216	61L 17110252T	1K OHM +-2% 1/4W	1	PCS
R218	61L 17110252T	1K OHM +-2% 1/4W	1	PCS
R220	61L 60230352T	30KOHM 5% 1/6W	1	PCS
R222	61L 60143252T	4.3K OHM +-2% 1/6W	1	PCS
R223	61L 60230352T	30KOHM 5% 1/6W	1	PCS
R227	61L 60230352T	30KOHM 5% 1/6W	1	PCS
R242	61L 17110252T	1K OHM +-2% 1/4W	1	PCS
R243	61L 17110252T	1K OHM +-2% 1/4W	1	PCS
R245	61L 17110252T	1K OHM +-2% 1/4W	1	PCS
R247	61L 60230352T	30KOHM 5% 1/6W	1	PCS
R249	61L 60243252T	4.3K OHM 5% 1/6W	1	PCS
R250	61L 60230352T	30KOHM 5% 1/6W	1	PCS
R253	61L 60230352T	30KOHM 5% 1/6W	1	PCS
R269	61L 17110252T	1K OHM +-2% 1/4W	1	PCS
R270	61L 17210152T	100 OHM 5% 1/4W	1	PCS
R278	61L 17230452T	CFR 300KOHM+-5% 1/4W	1	PCS
R287	61L 17210552T	1MEGOHM 5% 1/4W	1	PCS
R289	61L 60110452T	100K OHM +-2% 1/6W	1	PCS
R290	61L 60210352T	CFR 10K OHM+-5% 1/6W	1	PCS
R905	61L 17210552T	1MEGOHM 5% 1/4W	1	PCS
R907	61L 17275452T	750KOHM 5% 1/4W	1	PCS
R909	61L 17210052T	100HM 5% 1/4W	1	PCS
R913	61L 17220352T	20KOHM 5% 1/4W	1	PCS
R921	61L 17224152T	240OHM 5% 1/4W	1	PCS
T901	6V 31502	1.5MM RIVET	4	PCS
ZD101	93L 39 7752T	ZENER HZ5C1	1	PCS
	90V 412 1	HEAT SINK	1	PCS
	M1V1730 10128	SCREW M3x10	1	PCS

Q901	57L 724 4A	STP9NK60ZFP	1	PCS
	90V6078 1	HEAT SINK	1	PCS
	M1V1730 10128	SCREW M3x10	2	PCS
D910	93L 60237	SRF20100C	1	PCS
D911	93L 60237	SRF20100C	1	PCS
	96L 29 6	SHRINK TUBE UL/CSA	1	PCS
CN901	87L 501 19 RF	AC SOCKET	1	PCS
	Q1V1030 12128	SCREW	3	PCS
	HJPF60A1	HEADPHONE JACK BOARD	1	PCS
	IRPF760A2	LCD TV IR BOARD	1	PCS
	KEPFA60KA5	KEY BOARD	1	PCS
	12L 394 3	RUBBER FOOT	6	PCS
	15V5939 1	BKT BASE	1	PCS
	33V4658 1 C	LENS POWER	1	PCS
	33V4659 1 C	LENS REMOTE	1	PCS
	33V4660 AI L	BUTTON FUNCTION	1	PCS
	33V4676 ED C	LENS WIRELESS	2	PCS
	34V1225 GN L	LOVER STAND-B	1	PCS
	34V1226 GN L	STAND	1	PCS
	34V1227 GN L	BASE-S1	1	PCS
	34V1284 GN L	LOVER STAND-F	1	PCS
	36L 600 6	GIRDDING CLOTH FOR AUDI	6	PCS
	37V 482 1	HINGE	1	PCS
	78L 323 6 L	SPEAKER 80HM 3W	1	PCS
	78L 323 6 R	SPEAKER 80HM 3W	1	PCS
	95L8014 5 25	HARNESS 5P-5P 500MM	1	PCS
	Q1V 130 8120	SCREW	10	PCS
	Q1V 140 20120	SCREW	4	PCS
	Q1V 330 8120	SCREW 3X8mm	2	PCS
	Q1V 330 8120	SCREW 3X8mm	4	PCS
	Q1V 330 8120	SCREW 3X8mm	2	PCS
	Q1V1030 8128	SCREW	8	PCS
	Q1V1030 8128	SCREW	2	PCS
	N34V1222BGM 1A	REAR COVER W/O E D	1	PCS
	N34V1247 GN 1A	BEZEL 20-A1	1	PCS
	95L 900 53	HARNESS	1	PCS
HJPF60A1				
CN1	33L3802 5H	WAFER 5P RIGHT ANELE PI	1	PCS
J1	88L 302 7T	PHONE JACK	1	PCS
	HJPF60A1SMT	HEADPHONE JACK BOARD	1	PCS
	715L1290 2	HEAD PHONE JACK BOARD	1	PCS
C1	65L0603102 32	1000PF +-10% 50V X7R	1	PCS
C2	65L0603102 32	1000PF +-10% 50V X7R	1	PCS
FB1	71L 56U601	BEAD	1	PCS
FB2	71L 56U601	BEAD	1	PCS
FB3	71L 56U601	BEAD	1	PCS
FB4	71L 56U601	BEAD	1	PCS

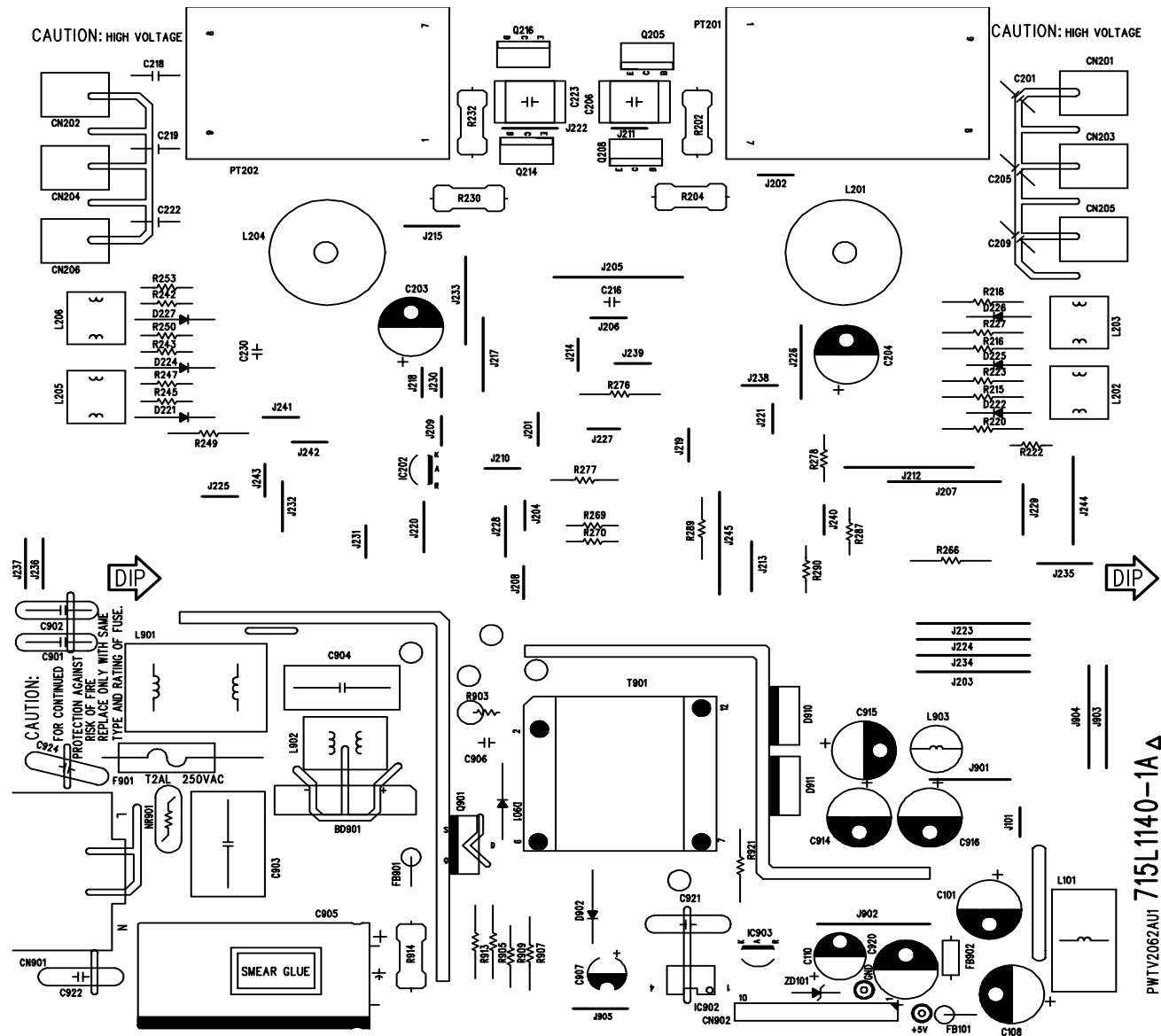
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	95L 900 53	HARNESS	1	PCS
D600	56V 627 3	TSOP4838	1	PCS
D601	81L 12 5	LED	1	PCS
J1	33L3802 4	WAFER EH-4	1	PCS
	715L1108 1B	ir led board	1	PCS
C600	65L0603101 31	CHIP 100PF 50V NPO	1	PCS
C601	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C602	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C603	65L0603104 32	CHIP 0.1UF 50V X7R	1	PCS
FB1	71L 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB2	71L 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
FB3	71L 56Z601	CHIP BEAD 600 OHM 0805	1	PCS
Q600	57L 417 6	PMBS3906/PHILIPS-SMT(06	1	PCS
Q601	57L 417 6	PMBS3906/PHILIPS-SMT(06	1	PCS
R600	61L0603101	CHIPR 100 OHM +-5% 1/10	1	PCS
R601	61L0603301	CHIP 300 OHM 1/10W	1	PCS
R602	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R603	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
R604	61L0603103	CHIPR 10K OHM +-5% 1/10	1	PCS
KEPFA60KA5				
	AIKA60KA5	KEY BOARD	1	PCS
	95L 900 59	HARNESS	1	PCS
CN6	33L3802 4H	WAFER 4P RIGHT ANGLE	1	PCS
S600	77L 600 1GHJ	KEY SWITCH	1	PCS
S601	77L 600 1GHJ	KEY SWITCH	1	PCS
S602	77L 600 1GHJ	KEY SWITCH	1	PCS
S603	77L 600 1GHJ	KEY SWITCH	1	PCS
S604	77L 600 1GHJ	KEY SWITCH	1	PCS
S605	77L 600 1GHJ	KEY SWITCH	1	PCS
S606	77L 600 1GHJ	KEY SWITCH	1	PCS
	715L1169 1	key board for ai	1	PCS
L11	71L 55 8	K5B RH 3.5X4 5X0.8 KING	1	PCS
R11	61L 21022252T	2.2K OHM 1% 1/6W	1	PCS
R12	61L 21036252T	3.6K 1/6W 1%	1	PCS
R13	61L 21047252T	4.7K OHM 1% 1/6W	1	PCS
R2	61L 21010252T	1K OHM 1% 1/6W	1	PCS
R8	61L 21015252T	1.5K OHM 1% 1/6	1	PCS
R9	61L 21018252T	1.8K OHM 1% 1/6W	1	PCS

9. PCB LAYOUT

9-1. Main Board PCB Layout

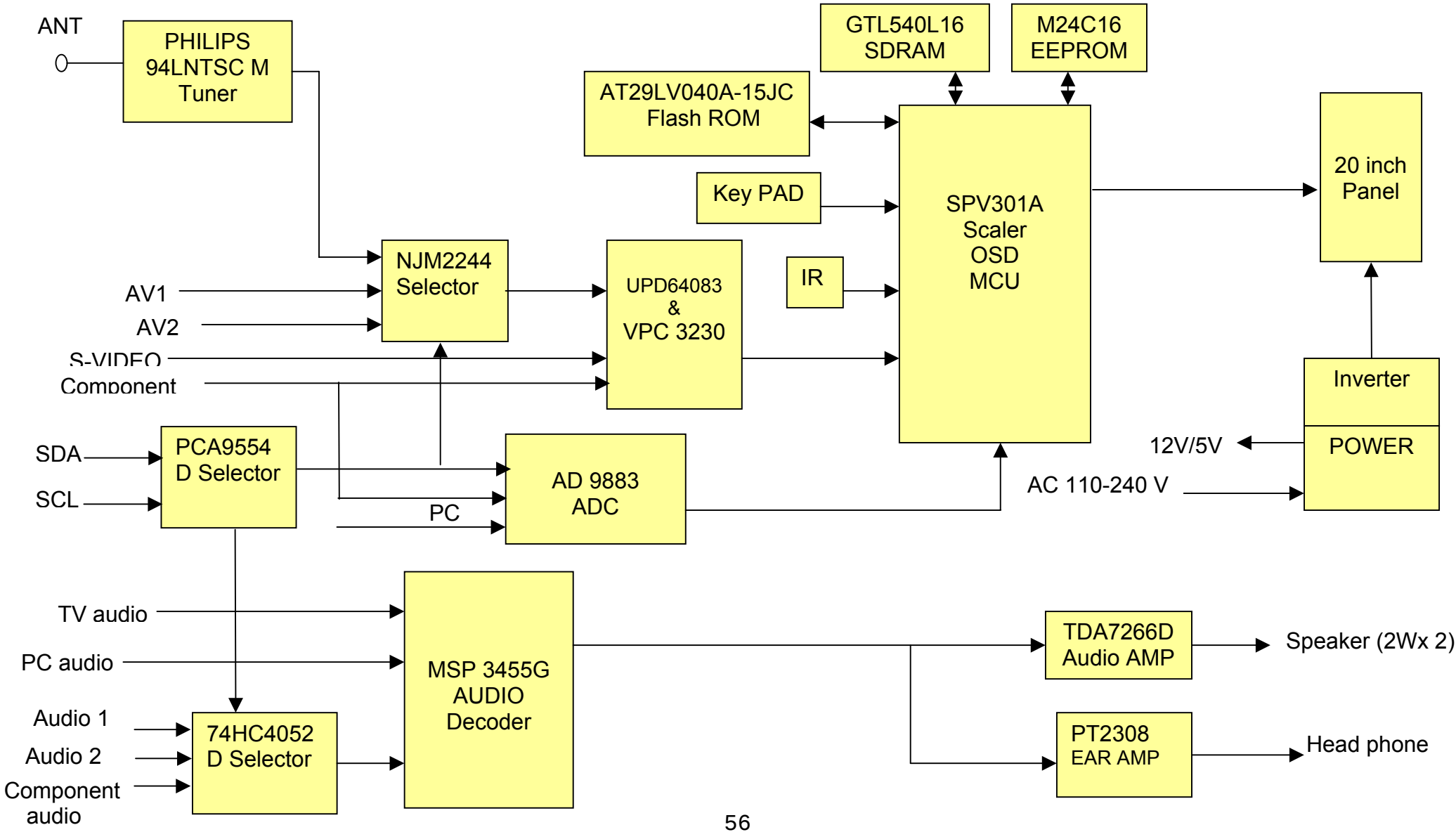


9-2. Power Board PCB Layout

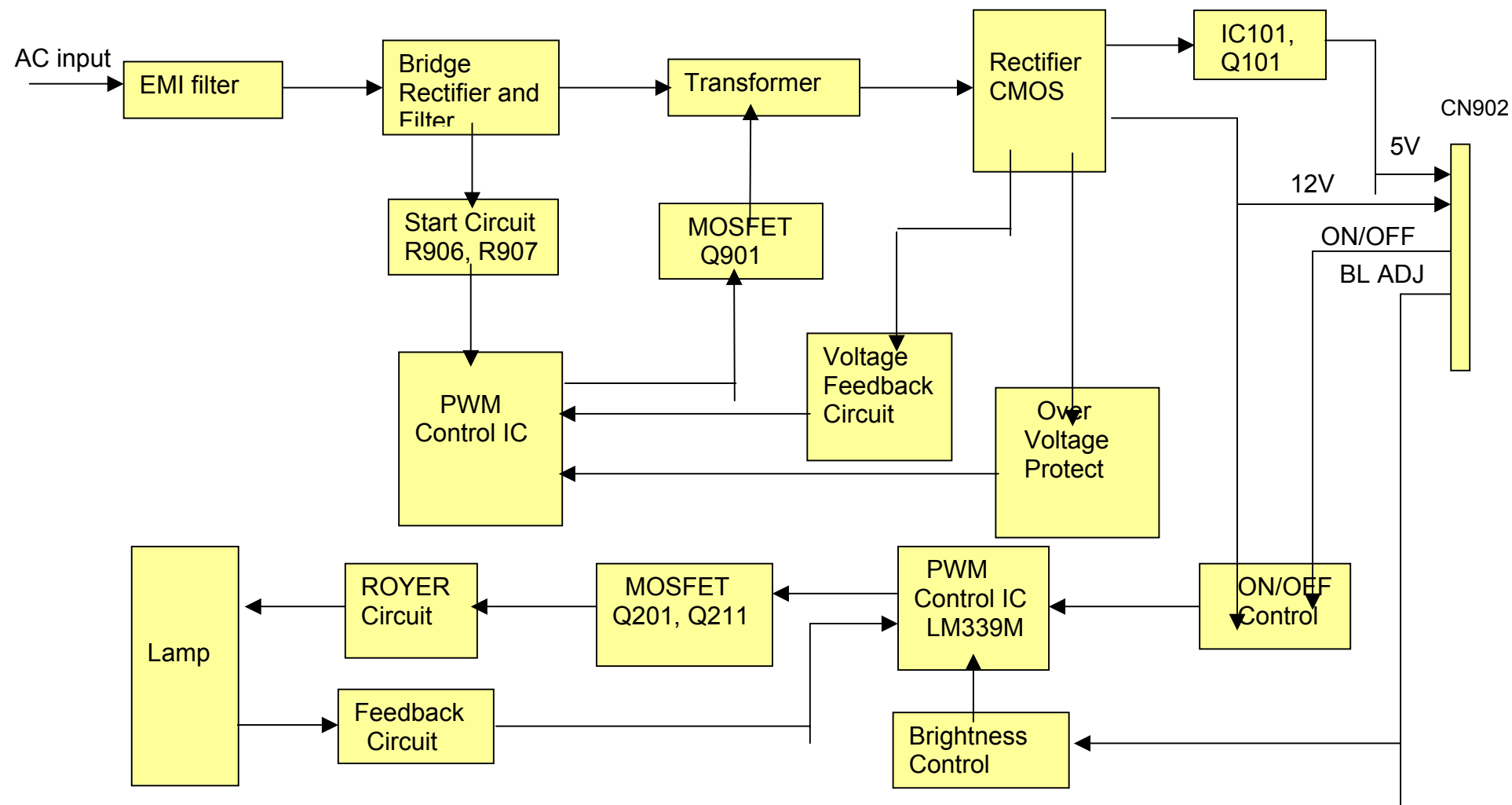


10. BLOCK DIAGRAM

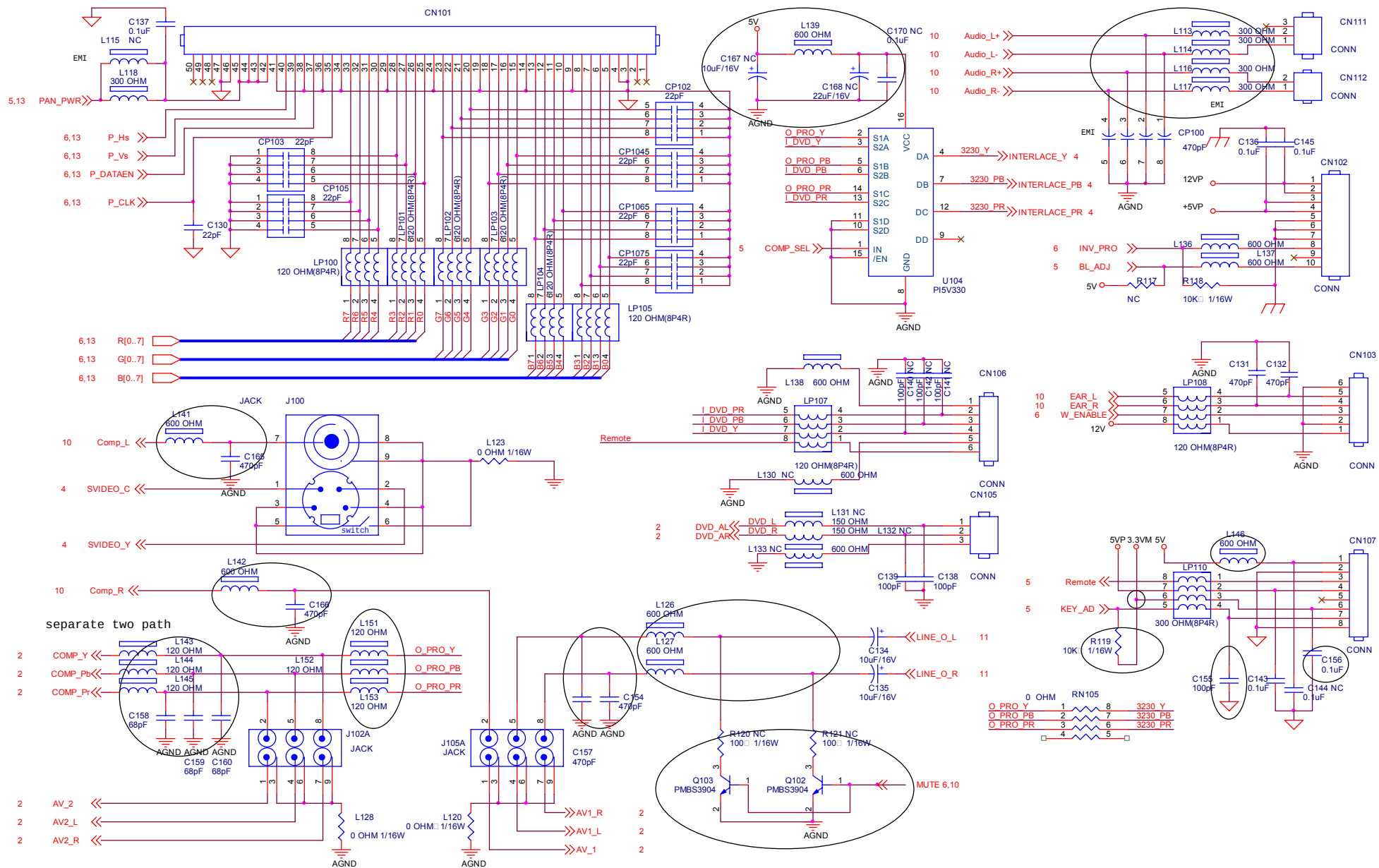
10-1 Main board



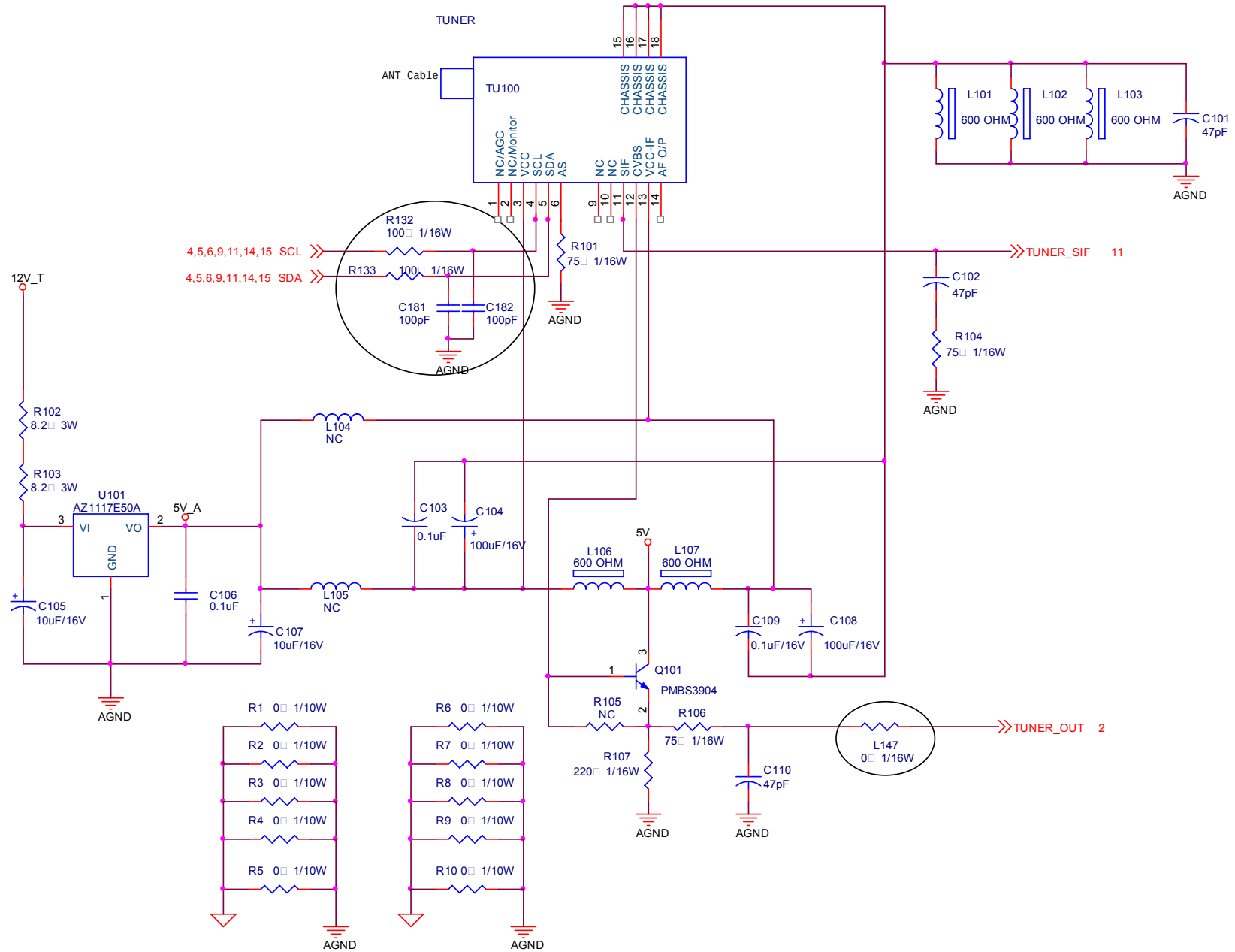
10-2 Power board

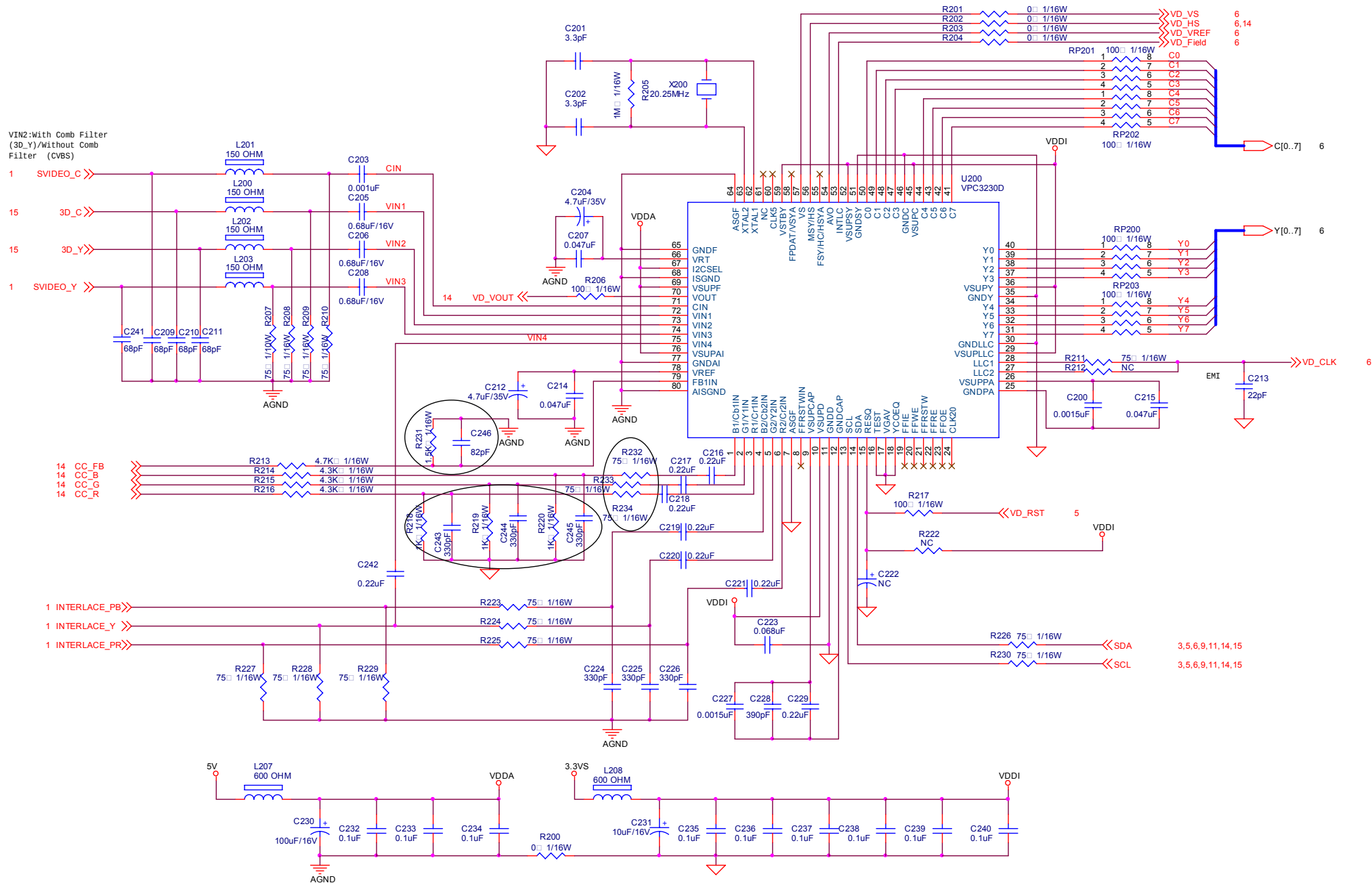


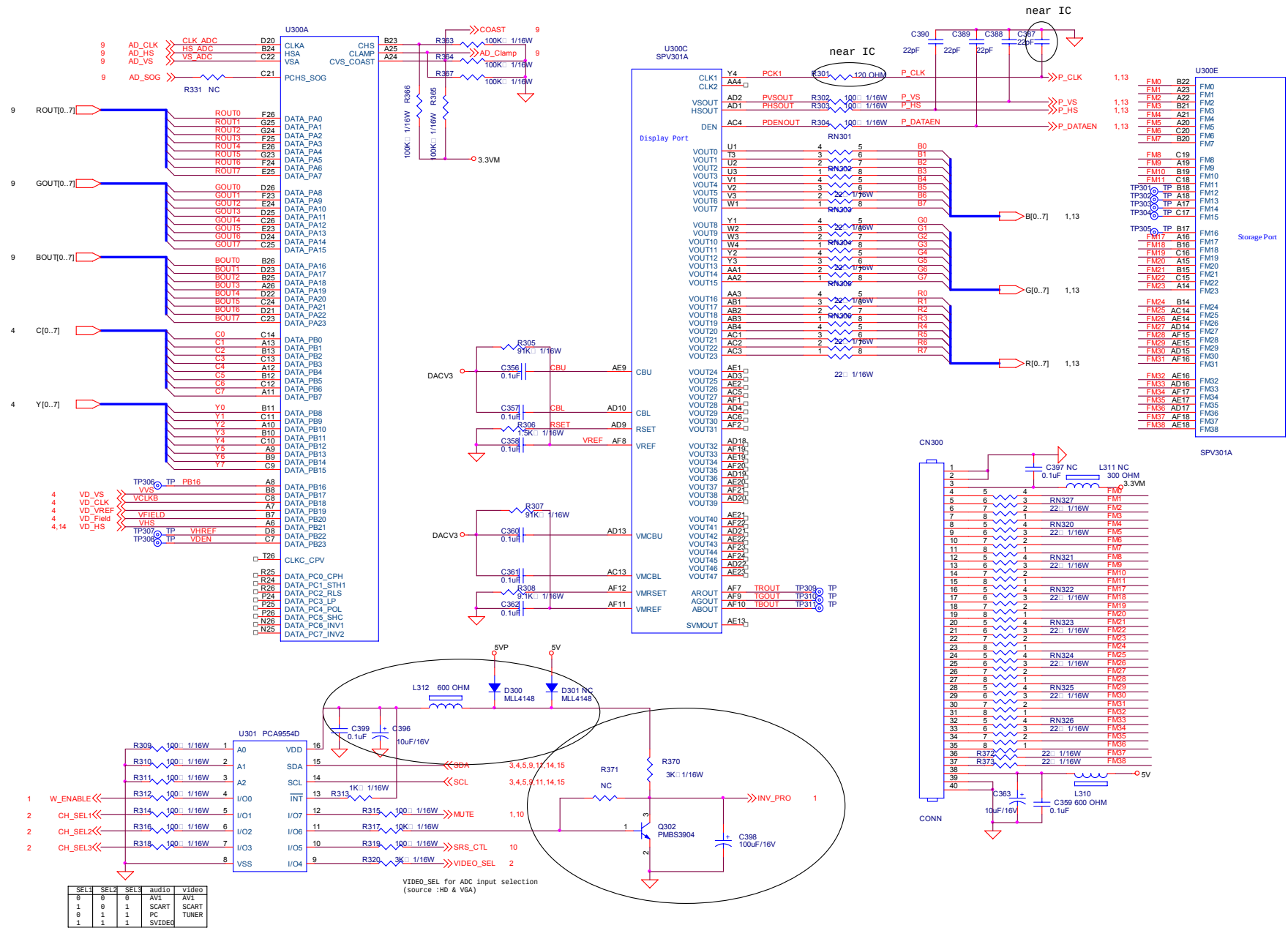
11. SCHEMATIC DIAGRAM (CIRCUIT)
11-1. MAIN BOARD SCHEMATIC DIAGRAM

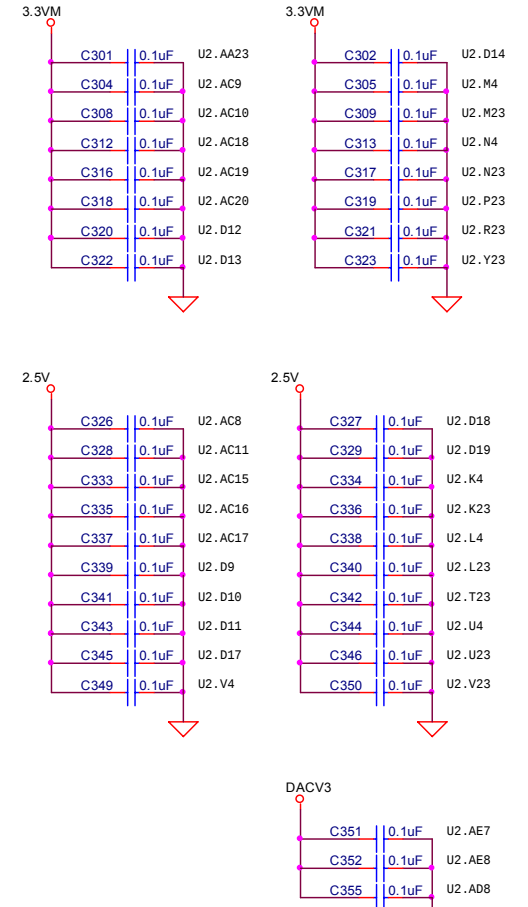
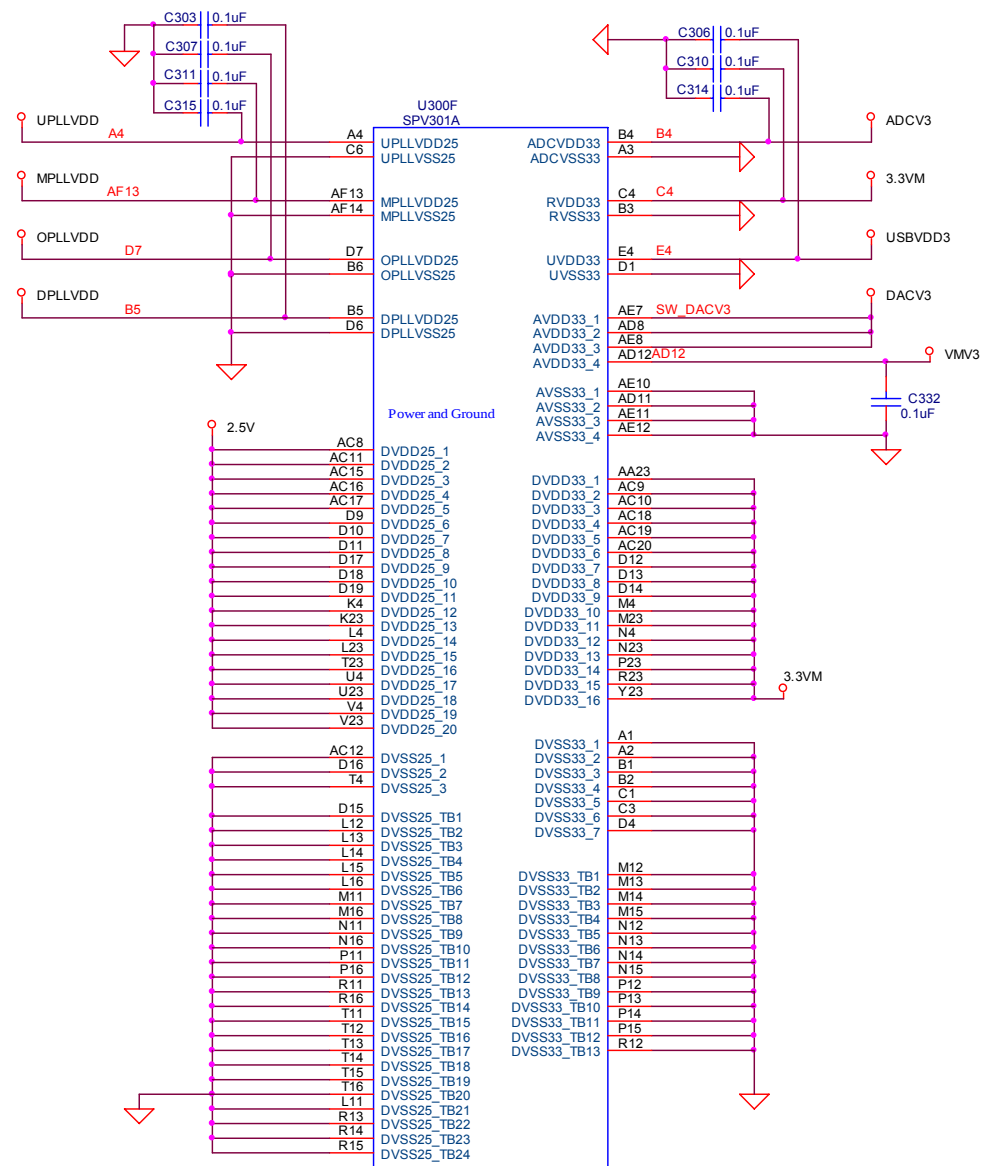
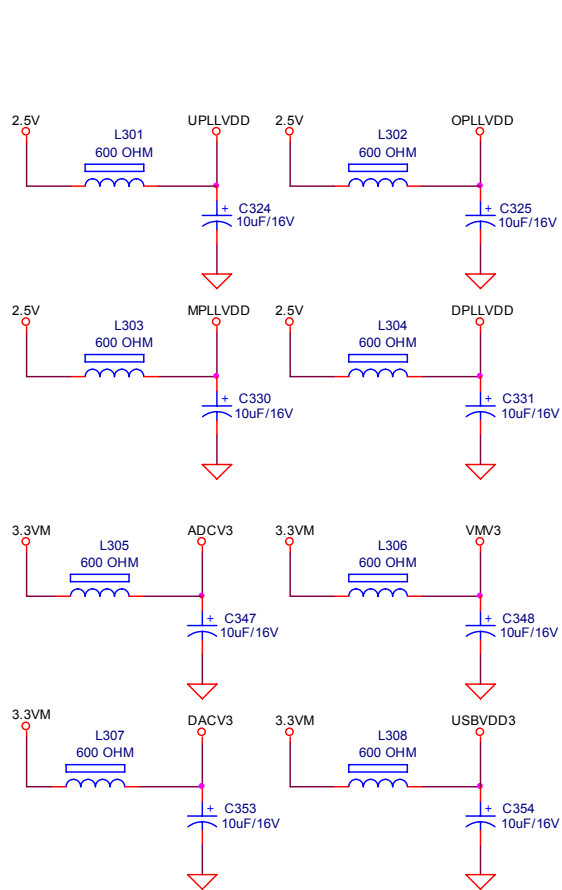


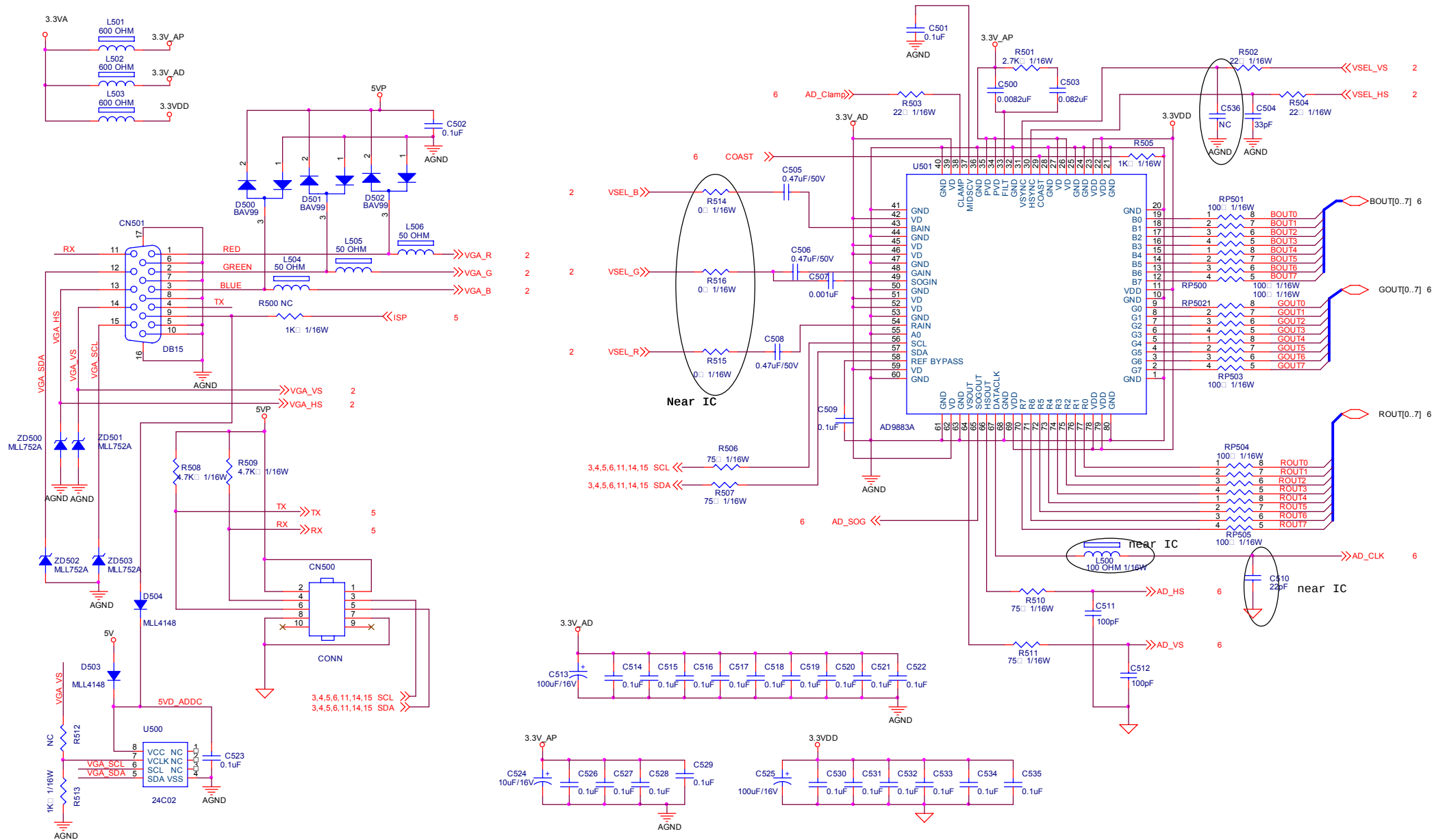


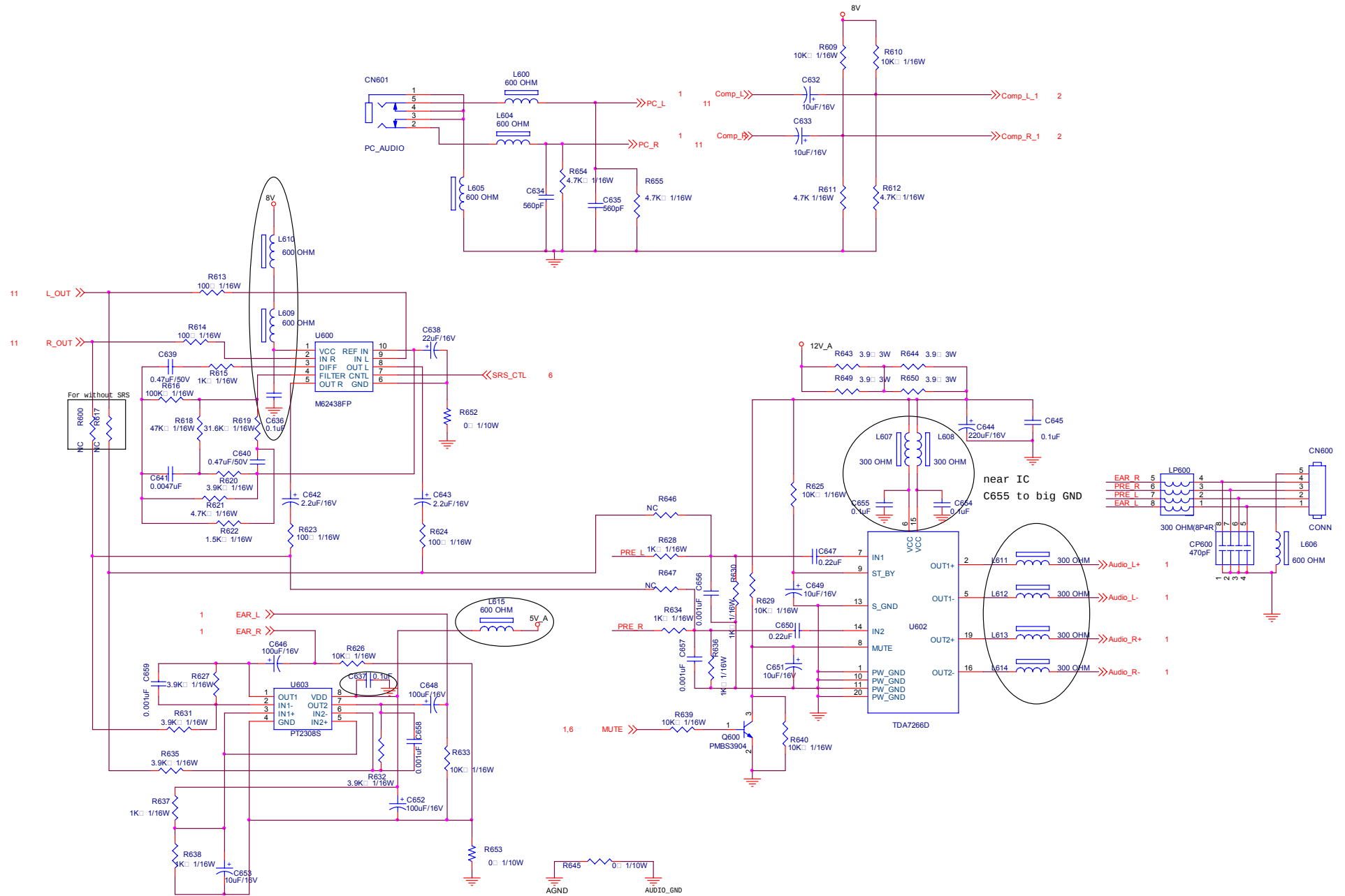


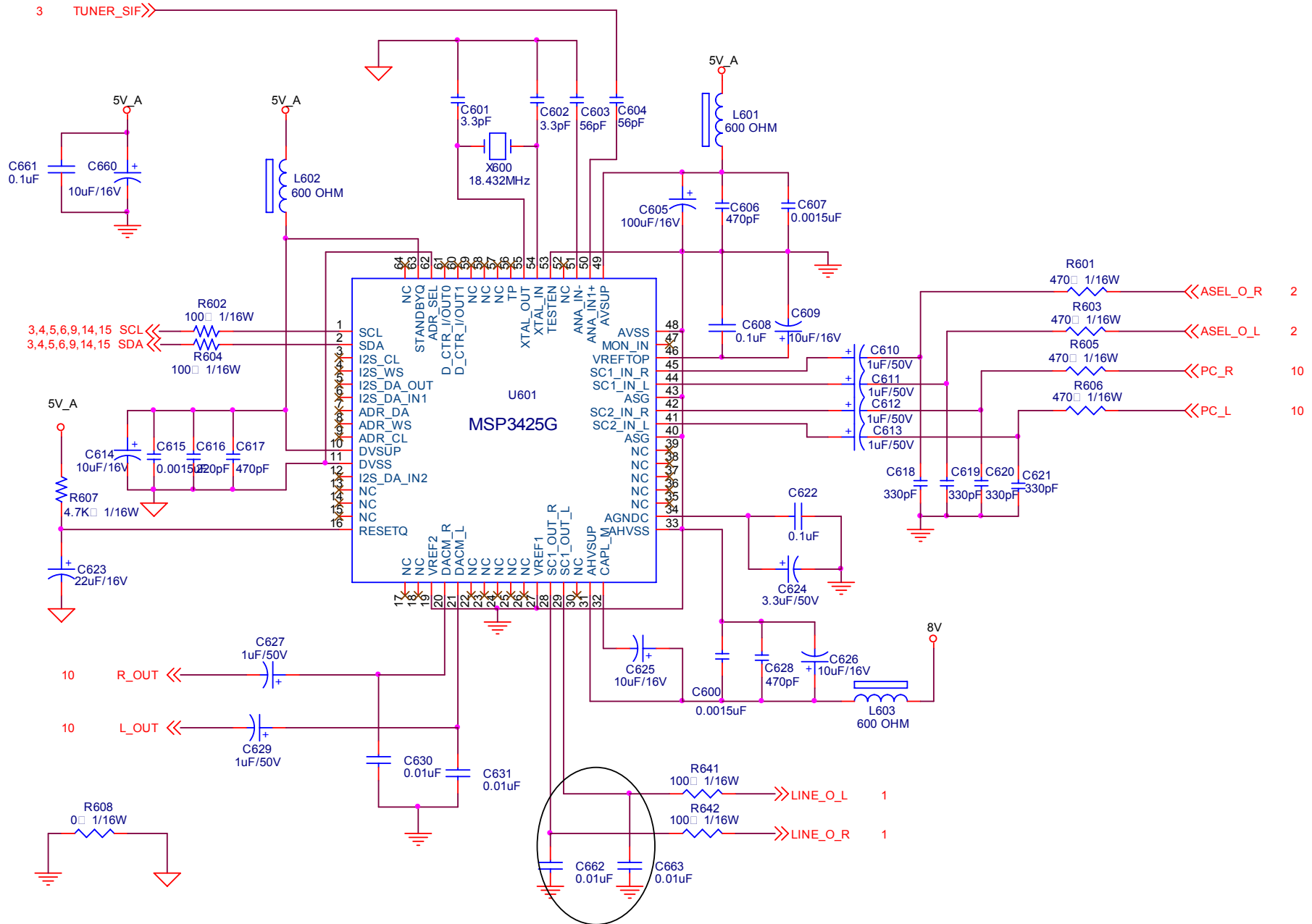


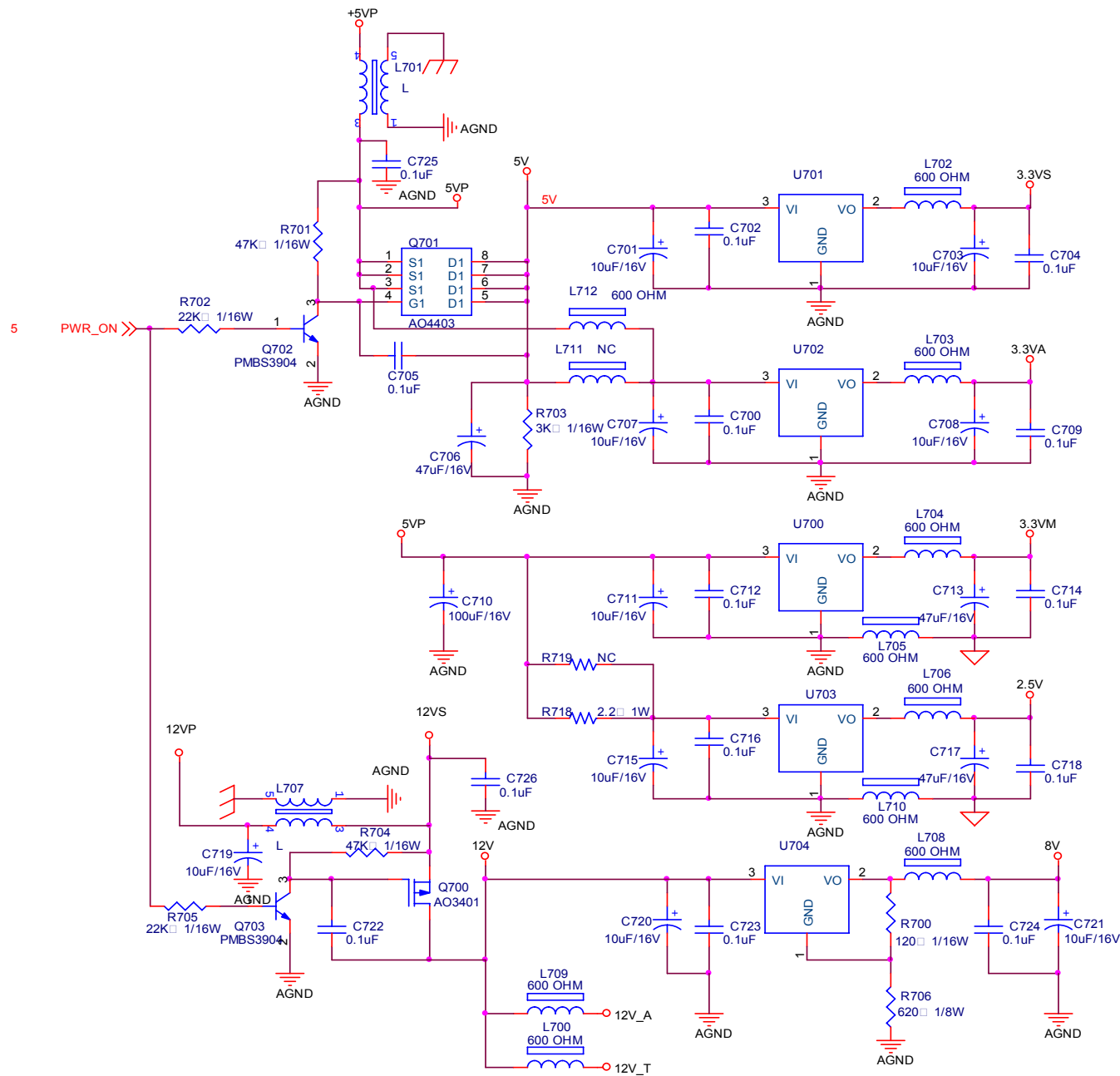




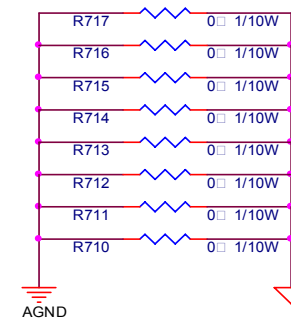


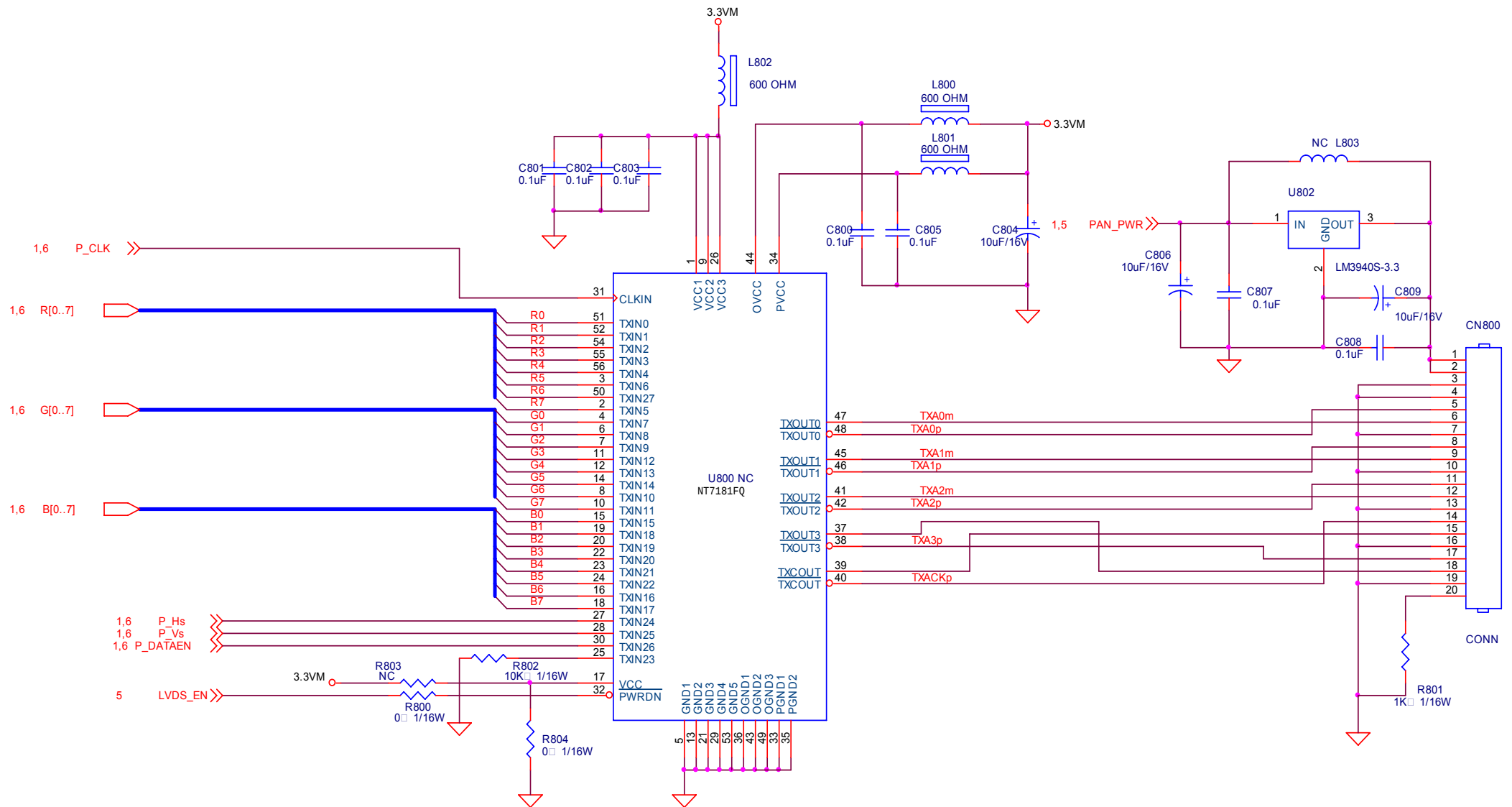


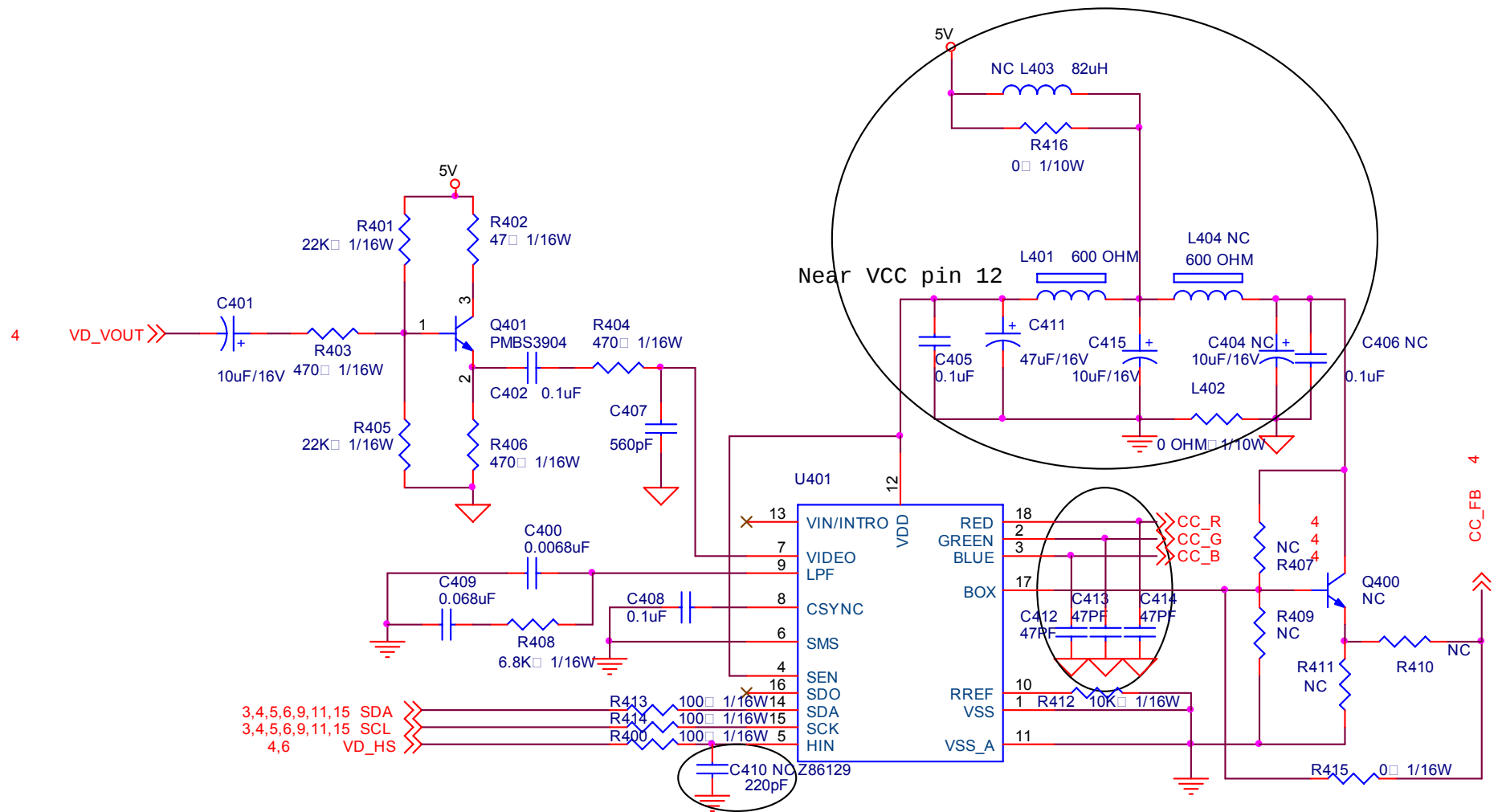


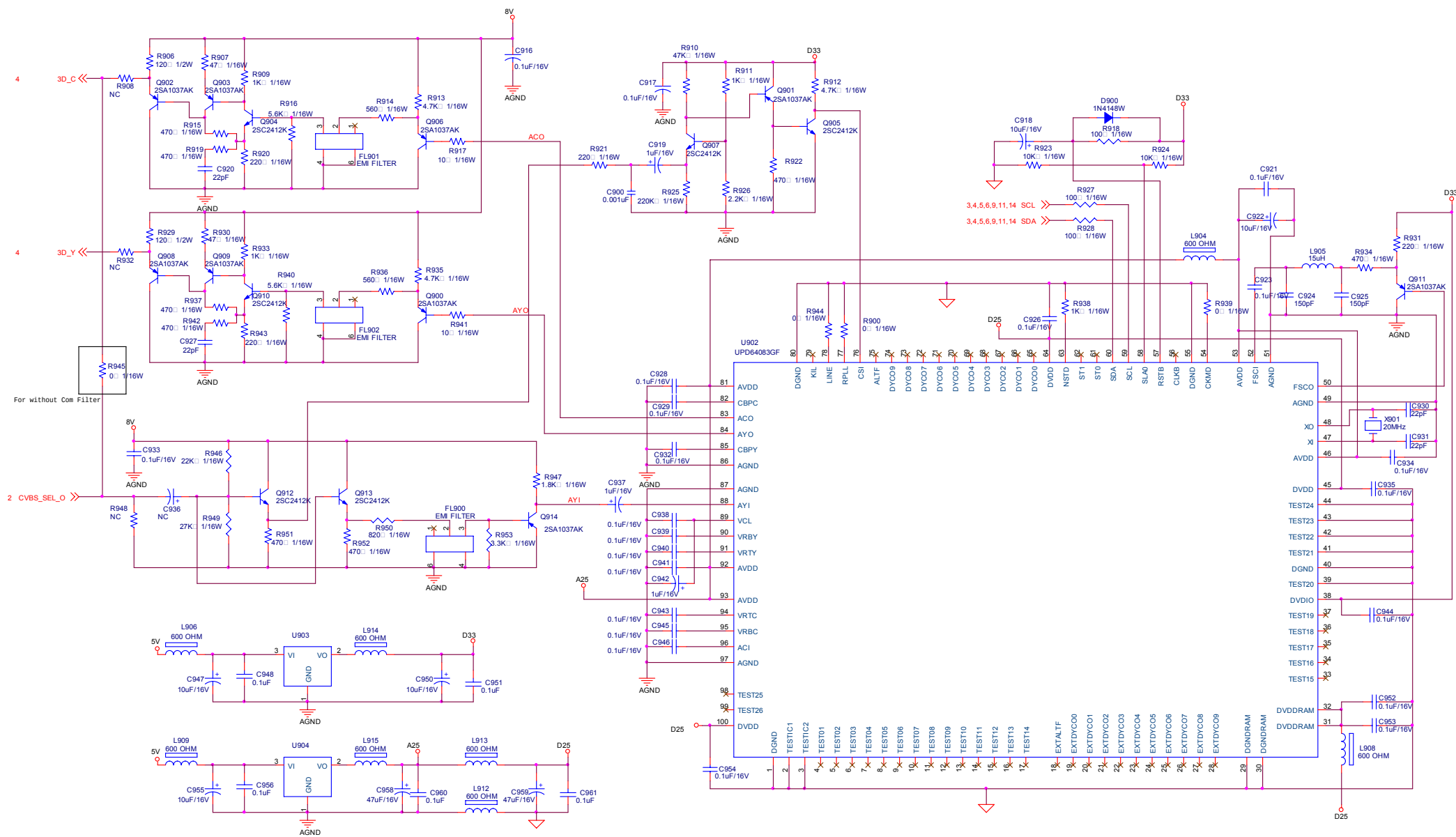


5VP : From Power Supply 5V
 12VP : From Power Supply 12V
 8V : FOR MSP3455G/M62438/uPD64038
 5V : For Tuner/VPC3230D/MSP3455G/
 TVP5150/PT2308/PT2314/Z86129/uPD640
 3.3VS : For Video Decoder VPC3230D
 / Teletext SAA5264
 3.3VA : For ADC AD9883
 3.3VM : For Scaler spv301
 2.5V : For Scaler spv301
 12V_A : For Audio AMP TDA7266D
 12V_T : For tuner boost









11-2. POWER SCHEMATIC DIAGRAM

