

SERVICE MANUAL

TOSHIBA

LCD-AD194TW



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MANUFACTURE DATA : Jul-28-2006

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Revision List

[illegible]

1. PRODUCT FEATURE

19" a-si TFT Active matrix LCD panel, 0.294mm dot pitch.

Microprocessor controlled scan technology

19 factory presets modes for VGA

?? factory preset modes for DVI

Vertical refresh rate 55Hz to 75 Hz

Horizontal frequency 24kHz to 80kHz

Resolutions: 640 x 350 up to 1280 x 1024

Universal power supply designed for worldwide application

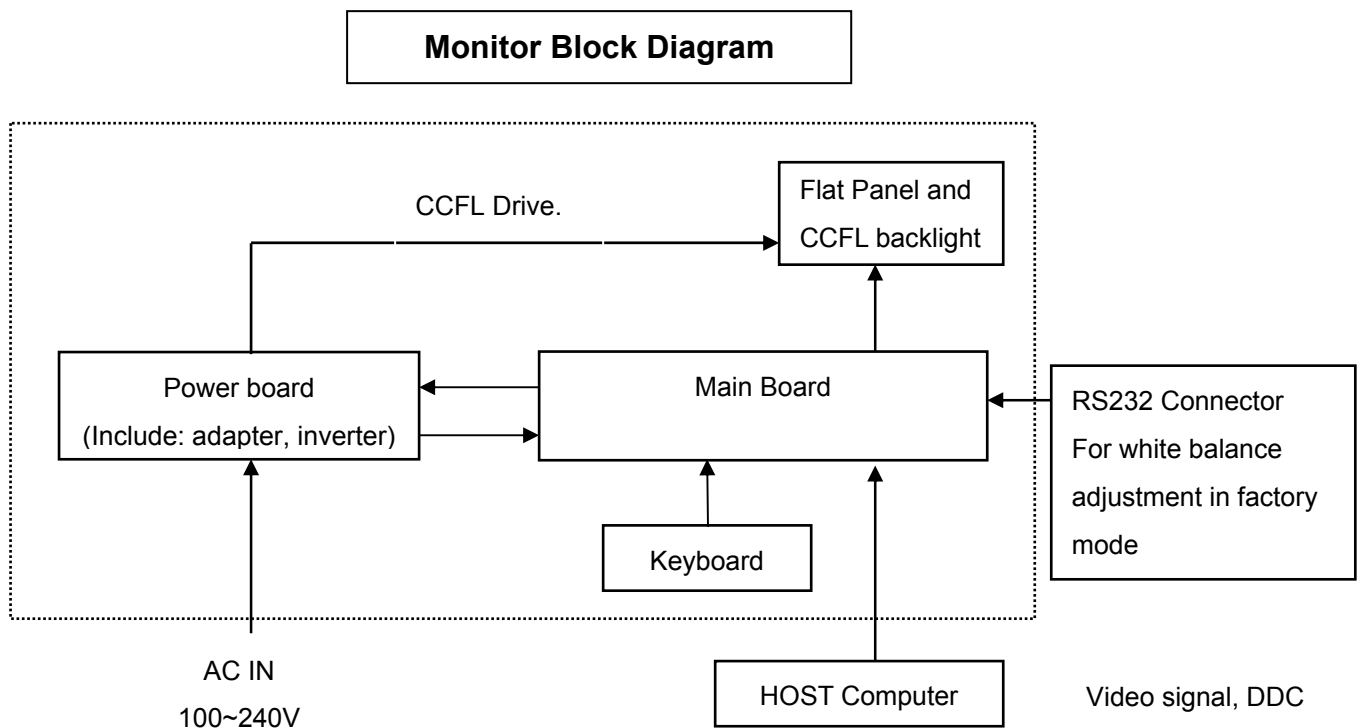
VESA DPMS compliant

VESA DDC2B compliant

2. LCD MONITOR DESCRIPTION

The LCD Monitor will contain a main board, an inverter/power board, keypad board which house the flat panel control logic, brightness control logic and DDC.

The power board will provide AC to DC Inverter voltage to drive the backlight of panel and the main board chips each voltage.



3. OPERATING INSTRUCTIONS

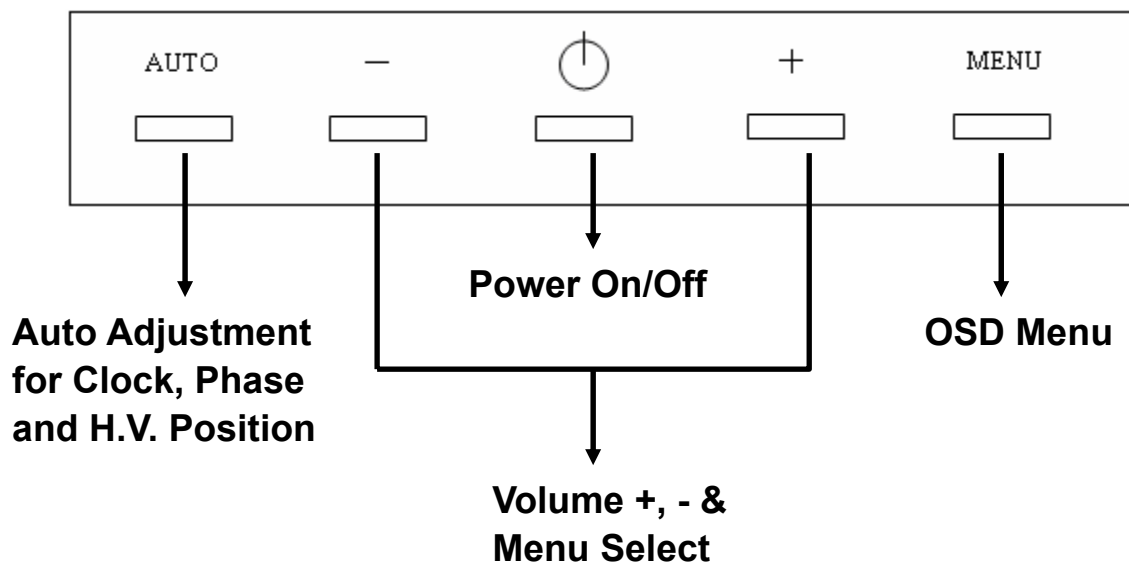
3.1 GENERAL INSTRUCTIONS

Press the power button to turn the monitor on or off. The other control buttons are located at front panel of the monitor. By changing these settings, the picture can be adjusted to your personal preferences.

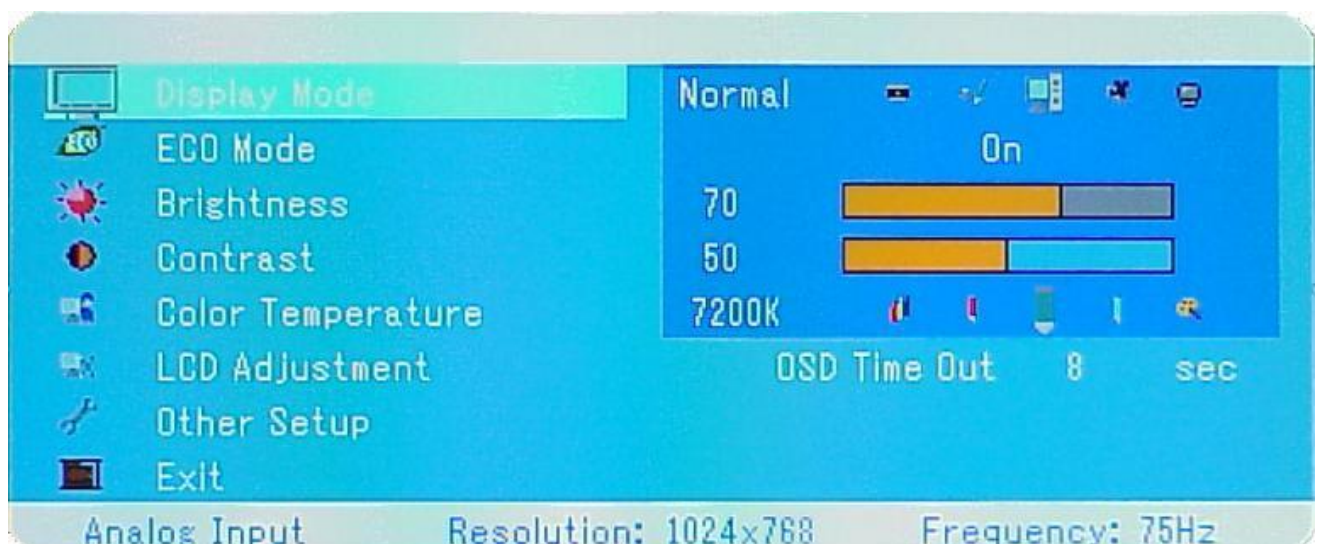
- The power cord should be connected.
- Connect the video cable from the monitor to the video card.
- Press the power button to turn on the monitor, the power indicator will light up.

3.2 CONTROL BUTTONS









3.2.1 KEY CONTROL



3.3 ADJUSTING THE PICTURE



CONTROL FUNCTION

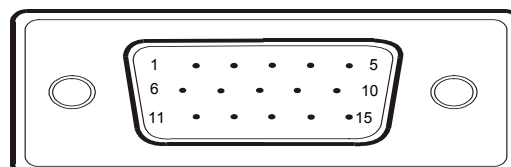
	Display Mode	Normal, Text, Cinema, Photo, TV	
	ECO Mode		
	Brightness		
	Contrast	sRGB, 6500K, 7200K, 9300K, User	
	Color temperature		
	LCD Adjustment		
		Clock	
		Phase	
		H. Position	
		V. Position	
	Other Setup		
		Smooth	
		OSD H. Position	
		OSD V. Position	
		OSD Timeout	
		OSD Transparency	On Off
		Mode message	On Off
		Language	Japanese English
		Reset	
	Exit		

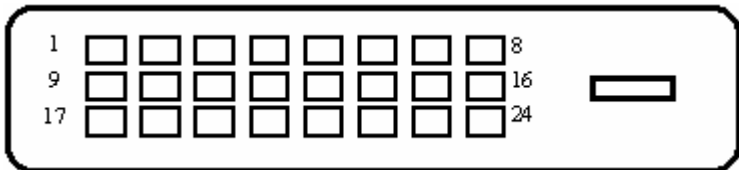
4. ELECTRICAL PERFORMANCE PARAMETER

4.1 INPUT SIGNAL CONNECTOR

PIN NO.	DESCRIPTION	PI N NO.	DESCRIPTION
1.	Red Video	9.	+5V
2.	Green Video	10.	Detect Cable
3.	Blue Video	11.	RS232
4.	RS232	12.	DDC-Serial Data
5.	DDC-Return	13.	H-Sync
6.	R-Ground	14.	V-Sync
7.	G-Ground	15.	DDC-Serial Clock
8.	B-Ground		

D-SUB 15 PIN CONNECTOR



PIN NO.	DESCRIPTION	PI N NO.	DESCRIPTION
1.	TMDS data 2 -	13.	TMDS data 3 + (NC)
2.	TMDS data 2 +	14.	+ 5V Power
3.	TMDS data 2/4 Shield	15.	GND(return for +5v,hsync,vsync)
4.	TMDS data 4 – (NC)	16.	Hot Plug Detect
5.	TMDS data 4 + (NC)	17.	TMDS data 0 -
6.	DDC Clock	18.	TMDS data 0 +
7.	DDC Data	19.	TMDS data 0/5 Shield
8.	Analog Vertical Sync	20.	TMDS data 5 -
9.	TMDS data 1 -	21.	TMDS data 5 +
10.	TMDS data 1 +	22.	TMDS Clock Shield
11.	TMDS data 1/3 Shield	23.	TMDS Clock +
12.	TMDS data3 – (NC)	24.	TMDS Clock -
DVI-D 24 PIN CONNECTOR			
			

4.2 FACTORY PRESET DISPLAY MODES :

VESA MODES							
Mode			Horizontal		Vertical		Nominal Pixel Clock (MHz)
			Nominal Frequency +/- 0.5kHz	Sync Polarity	Nominal Freq. +/- 1 Hz	Sync Polarity	
VGA	640x480@60Hz	800 x 525	31.469	N	59.940	N	25.175
	640x480@72Hz	832 x 520	37.861	N	72.809	N	31.500
	640x480@75Hz	840 x 500	37.500	N	75.00	N	31.500
SVGA	800x600@56Hz	1024 x 625	35.156	N/P	56.250	N/P	36.000
	800x600@60Hz	1056 x 628	37.879	P	60.317	P	40.000
	800x600@72Hz	1040 x 666	48.077	P	72.188	P	50.000
	800x600@75Hz	1056x625	46.875	P	75.000	P	49.500
XGA	1024x768@60Hz	1344x806	48.363	N	60.004	N	65.000
	1024x768@70Hz	1328x806	56.476	N	70.069	N	75.000
	1024x768@75Hz	1312x800	60.023	P	75.029	P	78.750
SXGA	1280x1024@60Hz	1688x1066	63.981	P	60.020	P	108.000
	1280x1024@75Hz	1688x1066	79.976	P	75.025	P	135.000

***	1152x864@75HZ	1600x900	67.500	P	75.000	P	108.00
	1280x960@60HZ	1800x1000	60.000	P	60.000	P	108.00

NEC MODE							
VGA	640x400@56Hz	848 x 440	24.827	N	56.424	N	21.052

IBM MODES							
Mode	Resolution	Total	Horizontal		Vertical		Nominal Pixel Clock (MHz)
			Nominal Frequency +/- 0.5kHz	Sync Polarity	Nominal Freq. +/- 1 Hz	Sync Polarity	
DOS	720x400@70Hz	900 x 449	31.469	N	70.087	P	28.322
DOS	640x350@70Hz	800 x 449	31.469	P	70.087	N	25.175
MAC MODES							
VGA	640x480@67Hz	864x525	35.000	N	66.667	N	30.240
SVGA	832x624@75Hz	1152x667	49.725	N	74.551	N	57.2832
XGA	1024x768@75Hz	1328X804	60.241	N	74.927	N	80.000

All modes will automatically optimize the screen size "AUTO-config" "function", except certain screen pattern, such as only some characters display on black background.

4.3 POWER SUPPLY

4.3.1 INPUT/OUTPUT REQUIREMENTS

PARAMETER	RANGE
AC Input Voltage	90 to 264V
AC Input Frequency	50 ± 3Hz, 60 ± 3Hz
AC Input Current	1.5A max
Inrush Current	< 60A peak at 264 VAC and cold starting
Leakage Current	< 3.5mA
Power line surge	No advance effects (no loss of information or defect) with a maximum of 1 half-wave missing per second

4.3.2 INVERTER MAX BRIGHTNESS (Vadj:5.0v), LOAD=100KΩ x 4

(ROOM TEMPERATURE 25°C ±4°C)

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT	REMARK
Input voltage	Vin	10.8	12	13.2	V	
Input current	Iin	1700	1900	2100	mA	FOR 4 LOAD
Output Current	Iout	6.0	6.5	9.0	mA	FOR 1 LOAD
Frequency	F	40	48	80	KHZ	FOR 1 LOAD
H.V open	Vopen	---	---	---	Vrms	NO LOAD
H.V Load	Vload	630	700	770	Vrms	RL=100KΩ
Start voltage	Vst	1430	---	---	Vrms	RL=CCFL
Protect delay time	PDT	1	---	2	Sec	

4.3.3 INVERTER MIN BRIGHTNESS (Vadj:0.0v), LOAD=100KΩ x 4

(ROOM TEMPERATURE 25°C ±4°C)

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT	REMARK
Input voltage	Vin	10.8	12	13.2	V	
Input current	Iin	400	450	500	mA	FOR 4 LOAD
Output Current	Iout	3.5	4.0	4.5	mA	FOR 1 LOAD
Frequency	F	40	48	80	KHZ	FOR 1 LOAD
Start voltage	Vst	1430	---	---	Vrms	RL=CCFL
Protect delay time	PDT	1	---	2	Sec	

4.4 PANEL SPECIFICATION

4.4.1 General Feature (HSD190ME13-A10)

Parameter	Specification	
Outline dimension(mm)	396 * 324 * 17.5(Typ.)	
Display area(mm)	376.32(H) x 301.056(V)(19.0" diagonal)	
Number of Pixel	1280 (H) x 1024 (V) pixels	
Pixel Pitch (mm)	0.294 (H) x 0.294 (V)	
Pixel arrangement	RGB vertical stripe	
Display color	16.2M(6-bit+FRC)	
Display mode	Normally white	
Surface treatment	Antiglare, Hard-Coating(3H)	
Weight(G)	2600(Typ.)	
Back-light	4-CCFLs, Top & bottom edge side	
Input signal	2-ch LVDS	
Power consumption(W)	System	3.05
	B/L	20
Optimum viewing direction	6 o'clock	
Contrast ratio	550:1(typ.)	
Viewing angle	150(H) x 135(V)	
Response time	8ms(typ.)	
Luminance	250cd/ m ²	
Power supply voltage	LCD panel signal processing board:5V	

4.4.2 OPTICAL CHARACTERISTICS

[Ta=25 ± 2 °C, V_{DD}=5V, F_V=60Hz, F_{dclk}=54MKz, F_{IBL}=6.5 ± 0.1mA_{rms}/lamp, 30min. Warm-up time.]

Item		Symbol	Condition	Min	Typ	Max	Unit	Note
Contrast ratio		CR	$\theta = 0^\circ$ $\phi = 0^\circ$ Normal Viewing angle	450	700	--		(1)(2)
Response time	Rising	TR			2	4	msec	(1)(3)
	Falling	TF			6	8		
White Luminance (center of screen)		Y _L		240	300	-	cd/m ²	(1)(4)(IL=6.5 mA)
Color chromaticity (CIE1931)	Red	R _x		0.614	0.644	0.674		(1)(4)
		R _y		0.298	0.328	0.358		
	Green	G _x		0.260	0.290	0.320		
		G _y		0.584	0.614	0.644		
	Blue	B _x		0.112	0.142	0.172		
		B _y		0.049	0.079	0.109		
	White	W _x		0.280	0.310	0.340		
		W _y		0.300	0.330	0.360		
Viewing angle	Hor.	θ L	CR>10	65	75	--		
	Ver.	θ R		65	75	--		
	Hor.	θ H		55	70	--		
	Ver.	θ L		55	65	--		
Viewing angle	Hor.	θ L	CR>5	--	80	--		
	Ver.	θ R		--	80	--		
	Hor.	θ H		--	80	--		
	Ver.	θ L		--	80	--		
Brightness uniformity		B _{UNI}	$\theta = 0^\circ$ $\phi = 0^\circ$	75	--	--	%	(6)

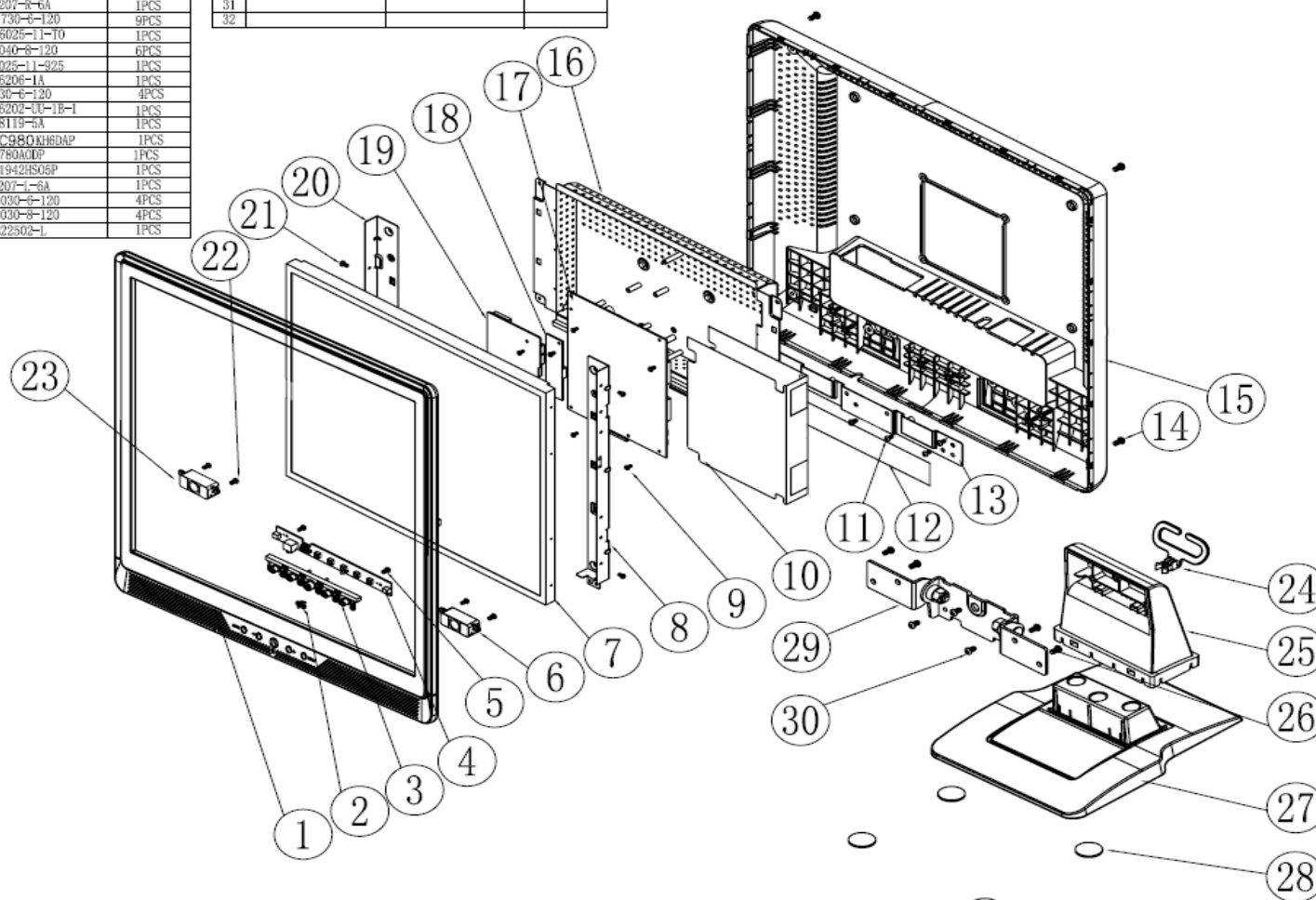
5. BLOCK DIAGRAM

5.1 MONITOR EXPLODED VIEW

MAIN COMPONENT LIST

NO.	PART NAME	PART NUMBER	QUANTITY
1	BEZEL	134G6201-UU-A19-1	1PCS
2	LENS	33G6289-1	1PCS
3	KEY PAD	33G6288-UU-1L-1	1PCS
4	KEY PCB	KEPC780KDDVP	1PCS
5	SCREW	Q1G330-6-120	2PCS
6	SPEAKER	78G322502-R	1PCS
7	PANEL	750GLH90E13-21	1PCS
8	PANEL-BKT-R	15G6207-R-6A	1PCS
9	SCREW	M1G1730-6-120	9PCS
10	MYLAR FOR MAIN FRAME	J52G6025-11-T0	1PCS
11	SCREW	Q1G1040-8-120	6PCS
12	MYLAR FOR HINGE BKT	85G6025-11-925	1PCS
13	HINGE-BKT	J15G6206-1A	1PCS
14	SCREW	M1G330-6-120	4PCS
15	REAR COVER	J34G6202-UU-1B-1	1PCS
16	SHIELD	J85G8119-5A	1PCS
17	MAIN PCB	CBPC980KH6DAP	1PCS
18	AUDIO PCB	ALPC780ADP	1PCS
19	POWER PCB	PWPC1942HS05P	1PCS
20	PANEL-BKT-L	15G6207-L-6A	1PCS
21	SCREW	M1G1030-6-120	4PCS
22	SCREW	Q1G1030-8-120	4PCS
23	SPEAKER	78G322502-L	1PCS

NO.	PART NAME	PART NUMBER	QUANTITY
24	CLAMP	33G4895-1-C	1PCS
25	STAND	34G1546-UU-3B	1PCS
26	SCREW	AM1G1740-10-120	4PCS
27	BASE	34G6203-UU-2B	1PCS
28	RUBBER FOOT	12G394-3	4PCS
29	HINGE	37G510-1	1PCS
30	SCREW	Q1G1040-10-120	3PCS
31			
32			



FIRST USED ON 19" 1-0
PART No.
REVISION
VERSION A

TOP VICTORY ELECTRONICS
TEL:86-591-5285555
FAX:86-591-5285447
DRAWN BY:
CHECKED BY:
APPROVED BY:
FINISH:
MATERIAL:
PART NAME: 19" TOSHIBA 爆炸图
COLOR:
UNIT:
SCALE:
DATE:
PART NO.
VERSION:

MAIN COMPONENT LIST

NO.	Part Name	Part Number	Quantity
1	BEZEL	J34G6201-UU-A1B-1	1PCS
2	LENS	33G6289-L	1PCS
3	KEY PAD	33G6288-UU-1L-1	1PCS
4	KEY PCB	KEPC780KODVP	1PCS
5	SCREW	Q1G330-6-120	2PCS
6	SPEAKER	78G322-502-R	1PCS
7	PANEL	750GLH90E13-21	1PCS
8	PANEL-BKT-R	15G6207-R-6A	1PCS
9	SCREW	M1G1730-6-120	9PCS
10	MYLAR FOR MAIN FRAME	J52G6025-11-TO	1PCS
11	SCREW	Q1G1040-8-120	6PCS
12	MYLAR FOR HINGE BKT	85G6025-11-925	1PCS
13	HINGE-BKT	15G6206-1A	1PCS
14	SCREW	M1G330-6-120	4PCS
15	REAR COVER	J34G6202-UU-1B-1	1PCS
16	SHIELD	J85G8119-5A	1PCS
17	MAIN PCB	CBPC980KH6DAP	1PCS
18	AUDIO PCB	AUPC780A0DP	1PCS
19	POWER PCB	PWPC1942HS05P	1PCS
20	PANEL-BKT-L	15G6207-L-3	1PCS
21	SCREW	M1G1030-6-120	4PCS
22	SCREW	Q1G1030-8-120	4PCS
23	SPEAKER	78G322502-L	1PCS

STAND Ass'y LIST

24	CLAMP	33G4895-1-C	1PCS
25	STAND	34G1546-UU-3B	1PCS
26	SCREW	AM1G1740-10-120	4PCS
27	BASE	34G6203-UU-2B	1PCS
28	RUBBER FOOT	12G394-3	4PCS
29	HINGE	37G510-1	1PCS
30	SCREW	Q1G1040-10-120	3PCS

5.2 DISASSEMBLE PROCESS

5.2.1 Tools:



- ✧ Glove
- ✧ Cross screwdriver
- ✧ Six angle sleeve spanner
- ✧ Prize equipment or abandoned IC card
- ✧ Screw box
- ✧ Cloth cushion

5.2.2 Disassemble process:

- 1、Tidy up the worktable, spread the cushion, put the monitor on it ,the front side downwards.(Fig.1)
- 2、Disassemble the fixed 4 screws of the stand, showed in Fig.2. Remove the base and stand following the direction the arrowhead showed, refer to Fig.3.
- 3、Disassemble the fixed 4 screws of the back cover, refer to Fig.4.
- 4、Insert plastic card or abandoned IC card in the bottom of the monitor, between the bezel and back cover, and remove the back cover. Refer to Fig.5,6,7,8.
- 5、Disassemble the fixed 2 screws and 3 connect pins of the KEPC board, showed in Fig. 9,10.
- 6、Disassemble 4 screws and 4 pins that fix the shield, refer to Fig.11,12, and remove the shield following the direction arrowhead showed, Fig.13 ,14.
- 7、Disassemble connect pins of the main board to panel, showed in Fig.15,16.
- 8、Remove the bezel, showed in Fig.17. Do not scratch the panel.
- 9、Disassemble the screws that fix the panel, showed in Fig.18,19.
- 10、That'all, the process is over.

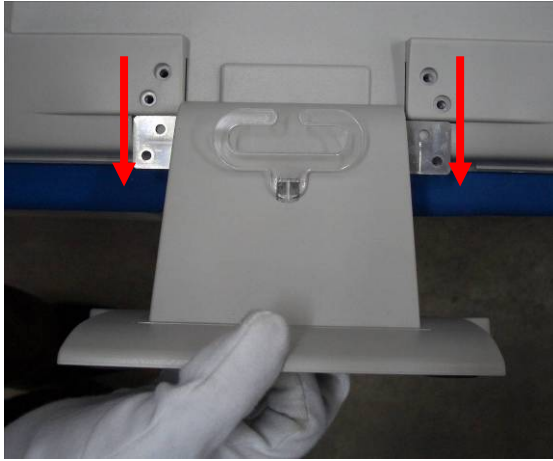
5.2.3 Pictures:



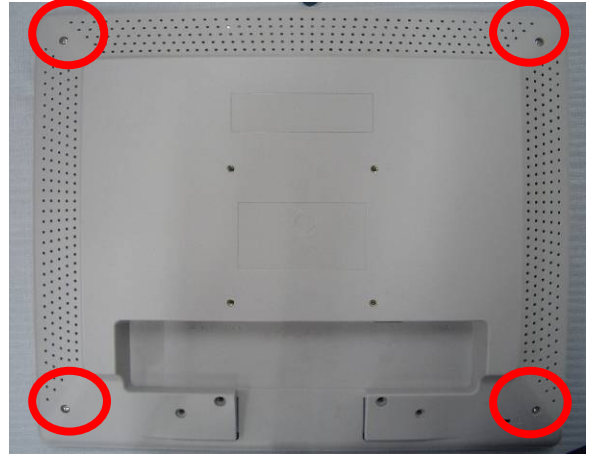
(Fig.1)



(Fig.2)



(Fig.3)



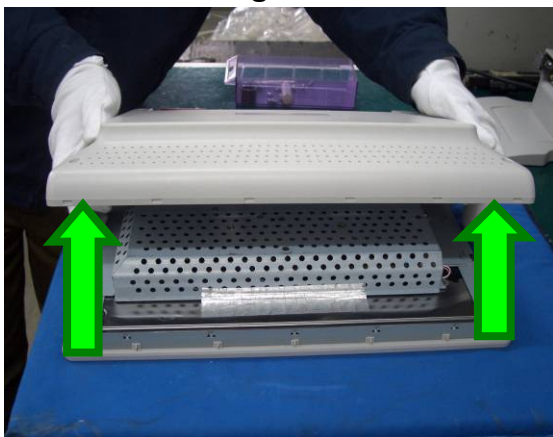
(Fig.4)



(Fig.5)



(Fig.6)



(Fig.7)



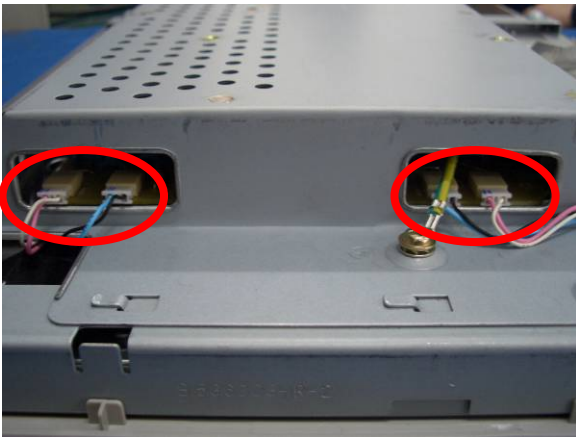
(Fig.8)



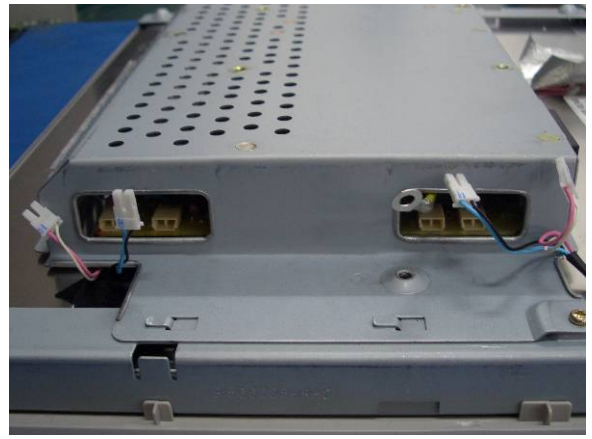
(Fig.9)



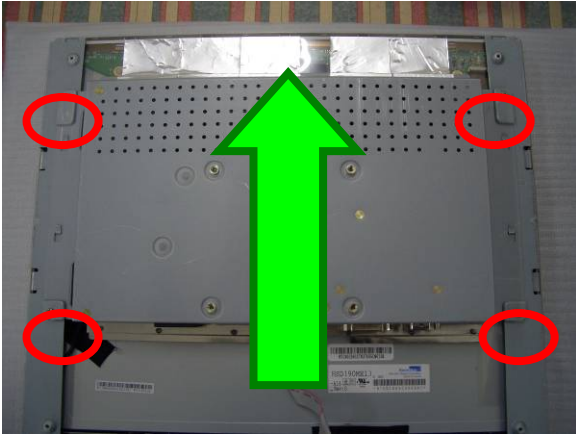
(Fig.10)



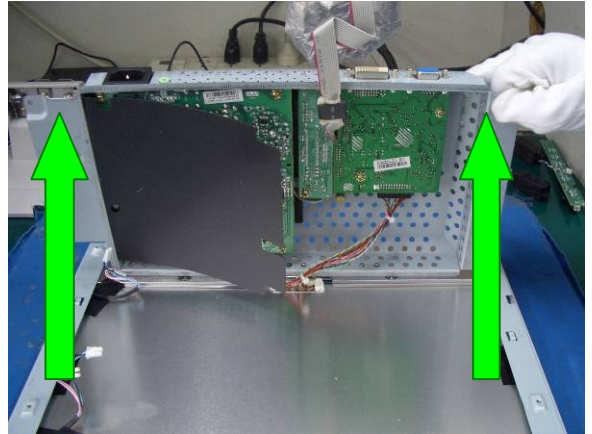
(Fig.11)



(Fig.12)



(Fig.13)



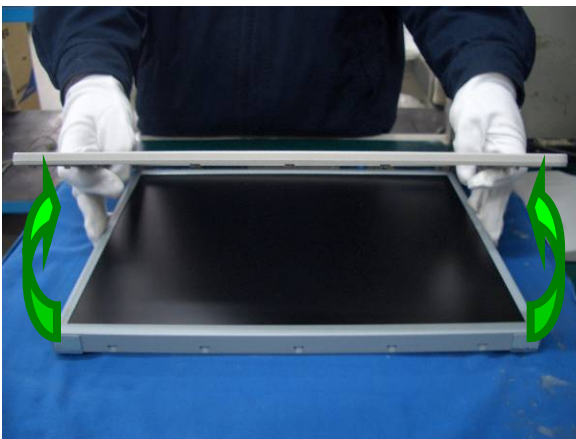
(Fig.14)



(Fig.15)



(Fig.16)



(Fig.17)



(Fig.18)

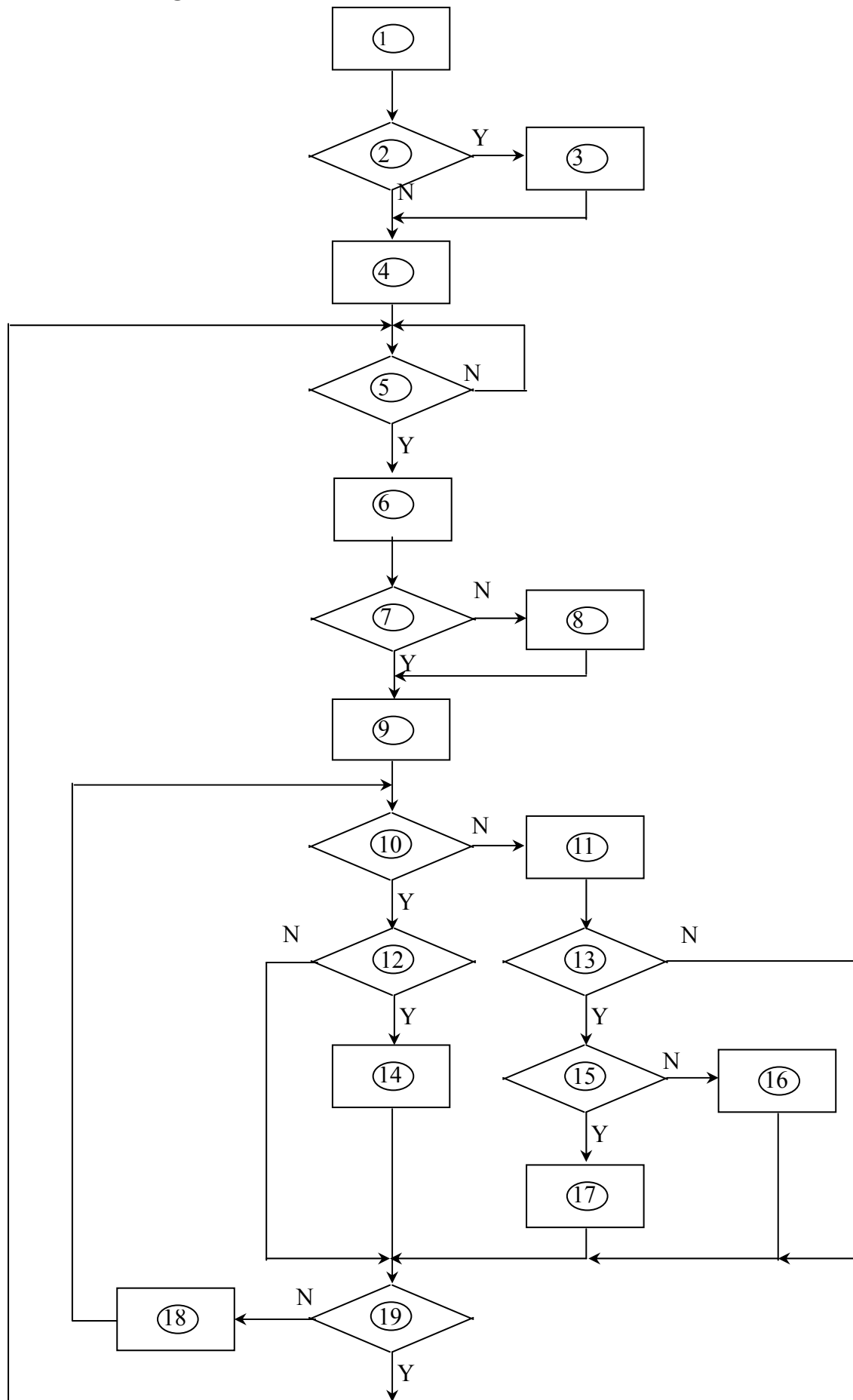


(Fig.19)



(Fig.20)

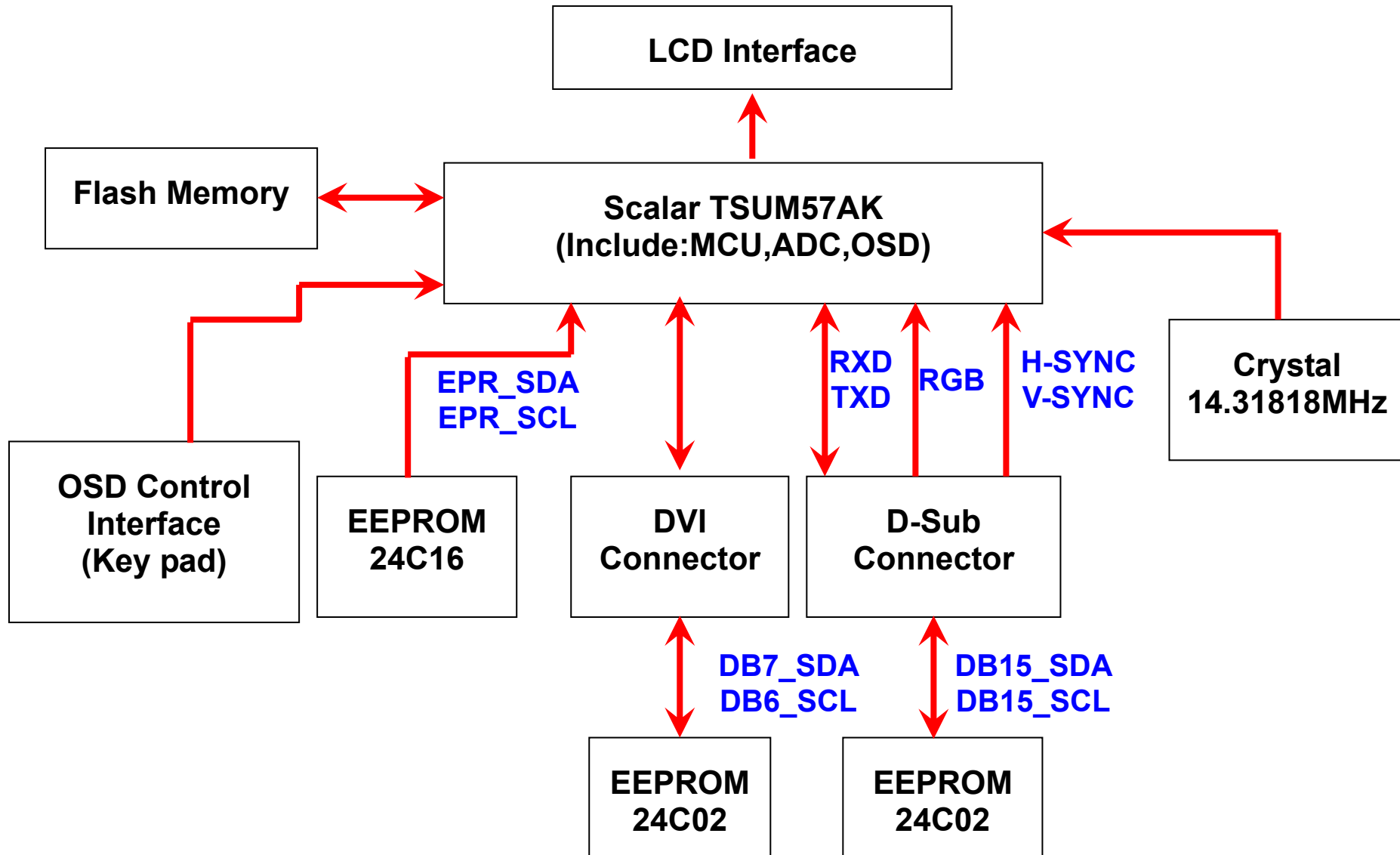
5.3 SOFTWARE FLOW CHART



- 1) MCU initialize.
- 2) Is the eeprom blank ?
- 3) Program the eeprom by default values.
- 4) Get the PWM value of brightness from eeprom.
- 5) Is the power key pressed ?
- 6) Clear all global flags.
- 7) Are the AUTO and SELECT keys pressed ?
- 8) Enter factory mode.
- 9) Save the power key status into eeprom.
Turn on the LED and set it to green color.
Scaler initialize.
- 10) In standby mode ?
- 11) Update the life time of back light.
- 12) Check the analog port, are there any signals coming ?
- 13) Does the scalar send out a interrupt request ?
- 14) Wake up the scalar.
- 15) Are there any signals coming from analog port ?
- 16) Display "No connection Check Signal Cable" message. And go into
standby mode after the message disappear.
- 17) Program the scalar to be able to show the coming mode.
- 18) Process the OSD display.
- 19) Read the keyboard. Is the power key pressed ?

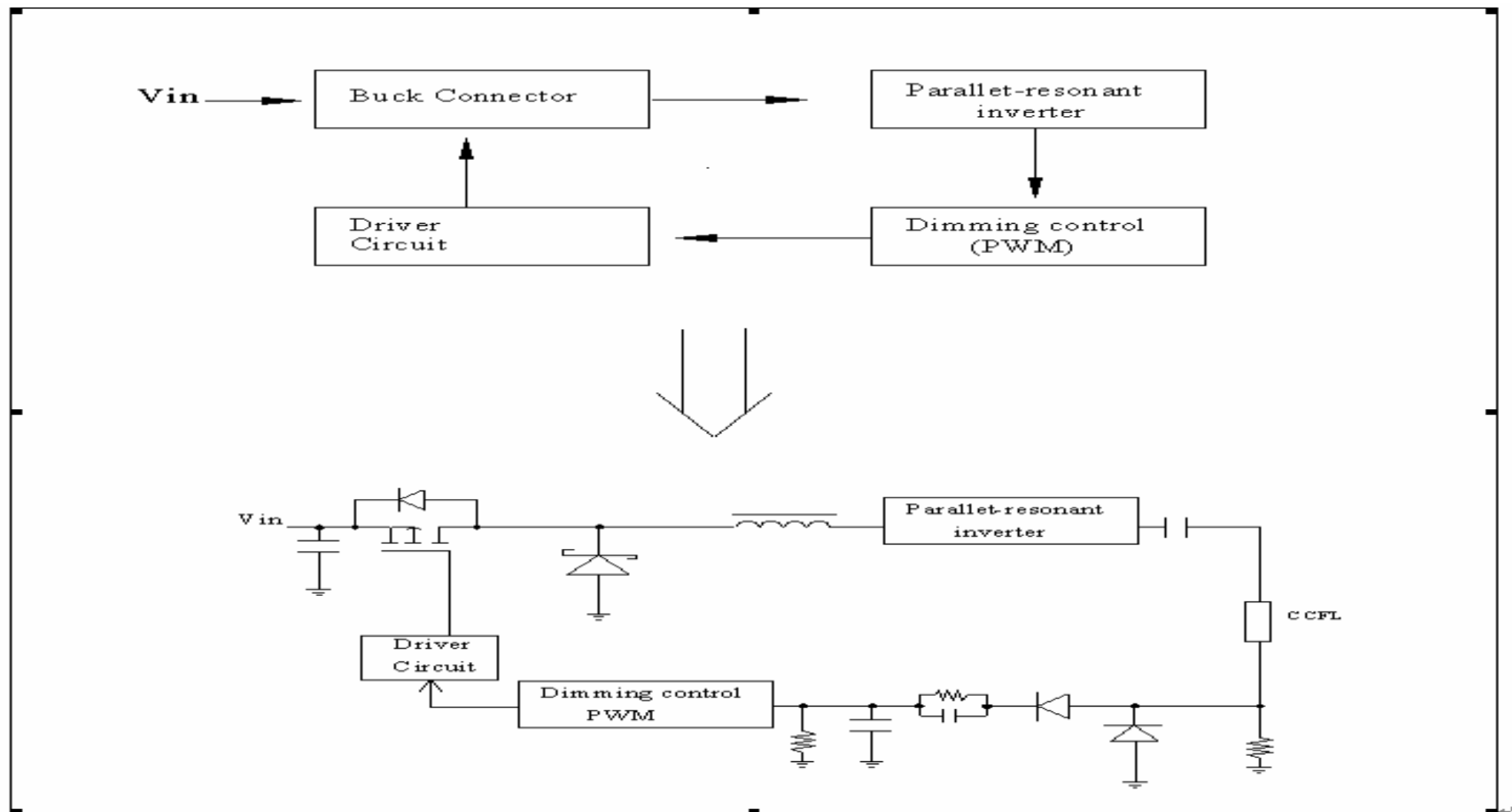
5.4 BLOCK DIAGRAM

5.4.1 ELECTRICAL BLOCK DIAGRAM

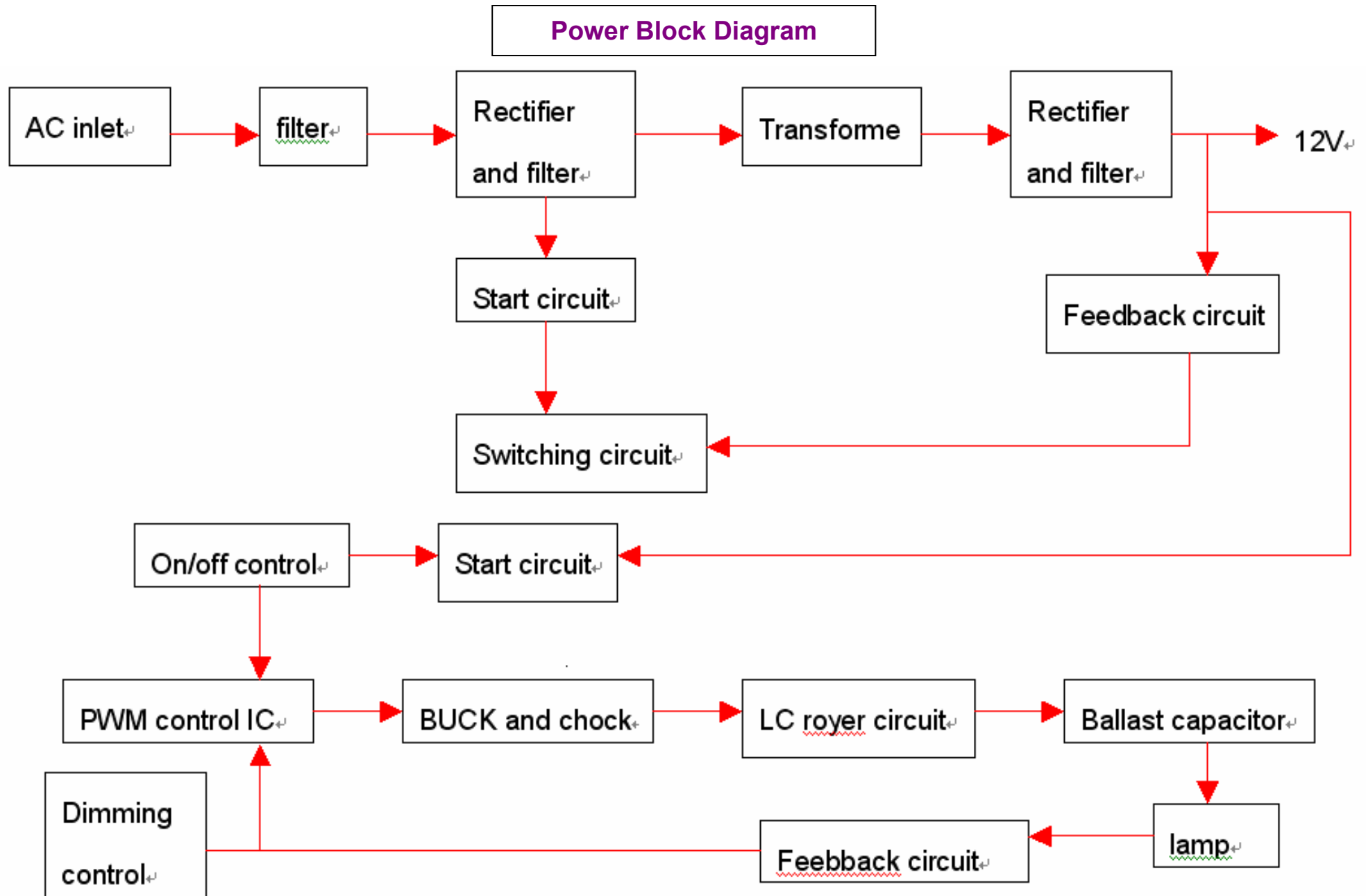


5.4.2 INVERTER/POWER BOARD BLOCK DIAGRAM

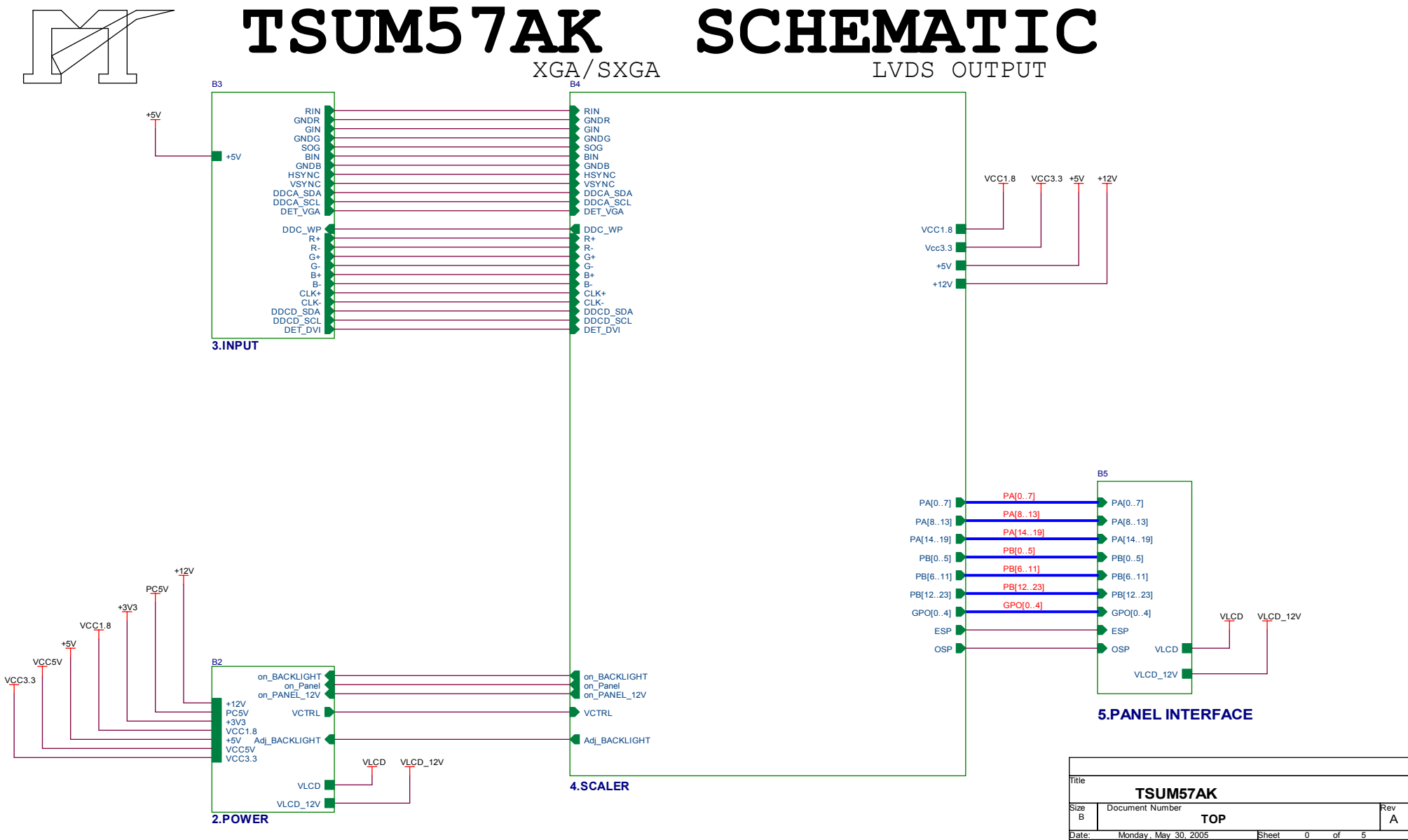
Inverter Block Diagram



Power Block Diagram

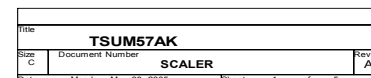


6. SCHEMATIC
6.1 TOP

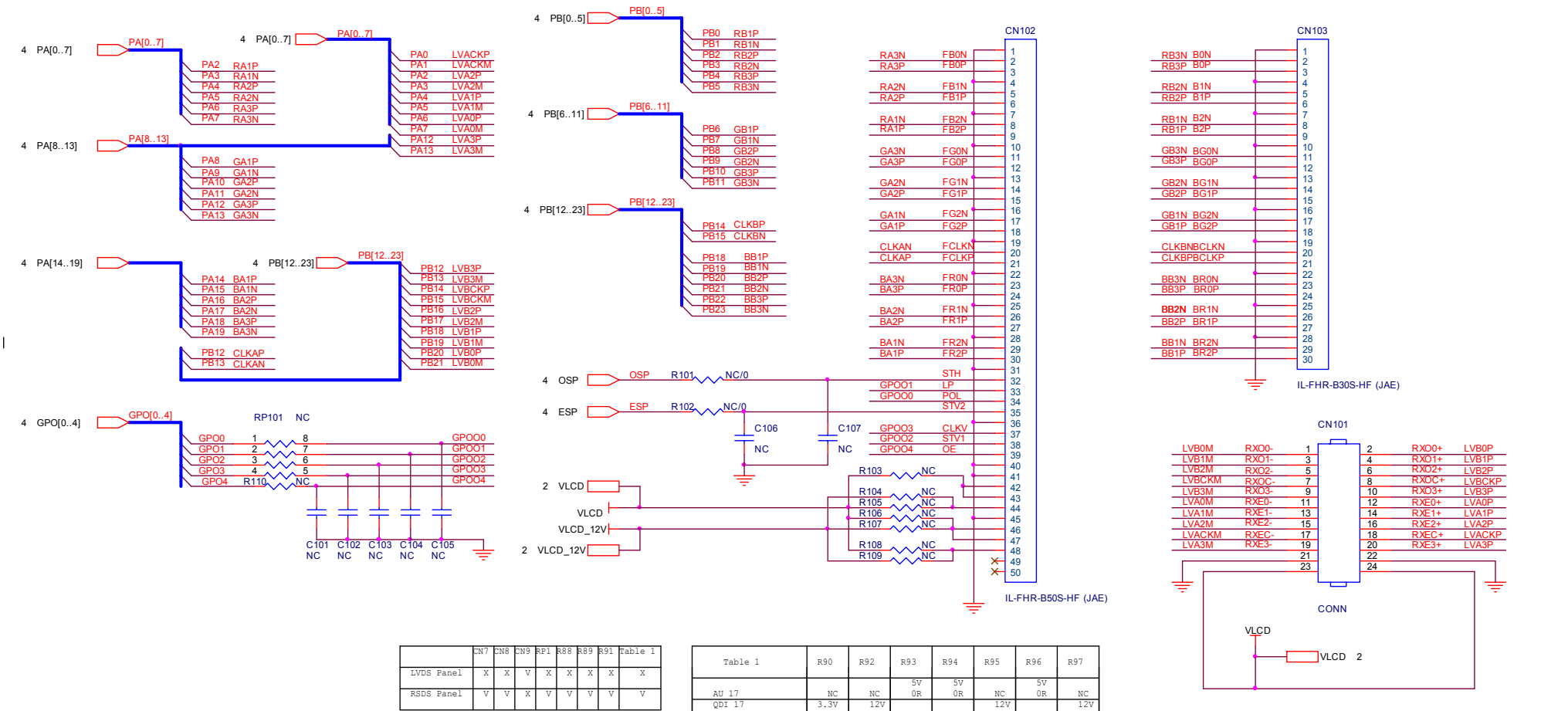


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Date:	Monday, May 30, 2005	Sheet	0 of 5

6.2.1 SCALAR

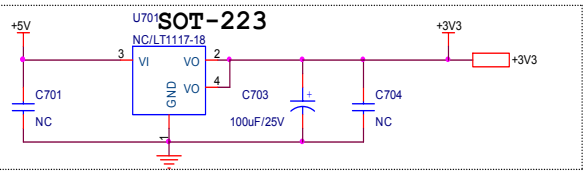


6.2.2 PANEL INTERFACE



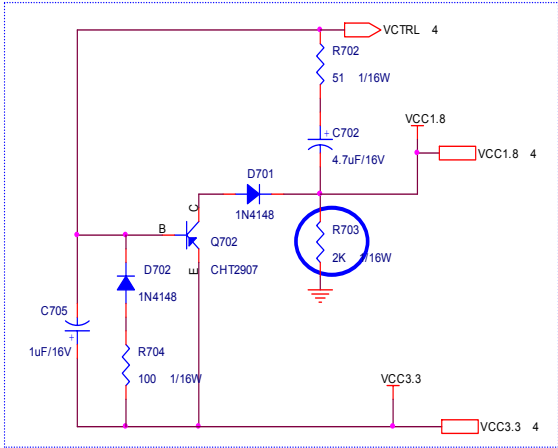
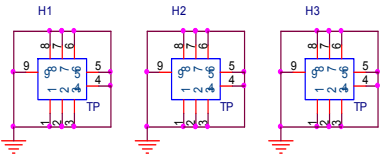
Title			
TSM57AK			
Size	Document Number		Rev
B	PANEL INTERFACE		A
Date:	Monday, May 30, 2005	Sheet	1 of 5

6.2.3 POWER

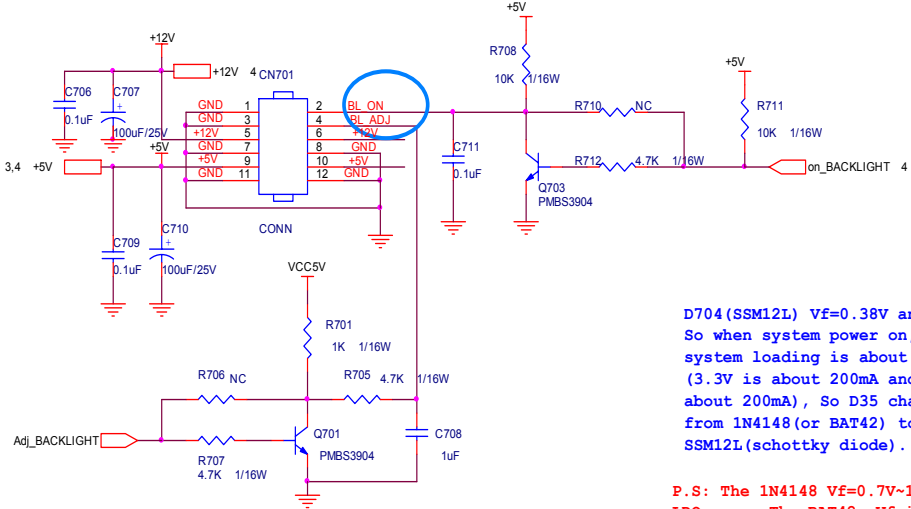


BL ADJ(DC)	R31	C51	R32	R29	R33	Q4
0V ~ 3.3V	4.7K	10F	0	X	X	X
0V ~ 5V	4.7K	10F	X	1K	4.7K	4MBT3904

BL ADJ	R31	C32
P W X	47	N.C
D C	4K7	1uF

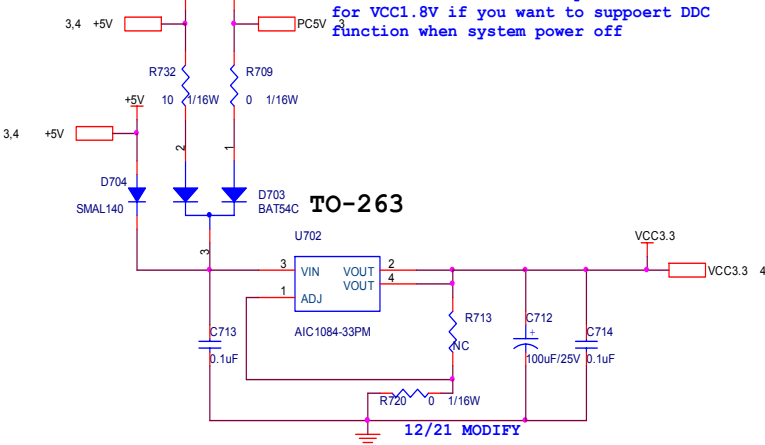


Recommend to used "Blue" parts circuit for VCC1.8V if you want to support DDC function when system power off

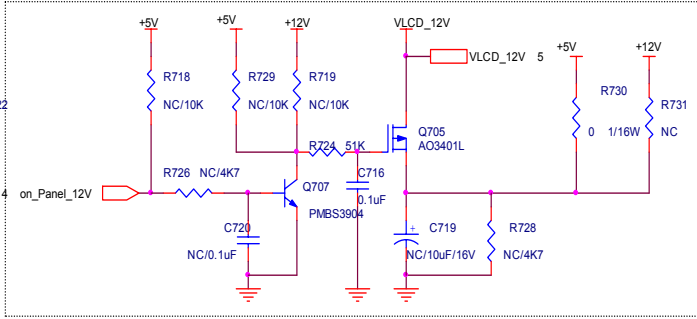
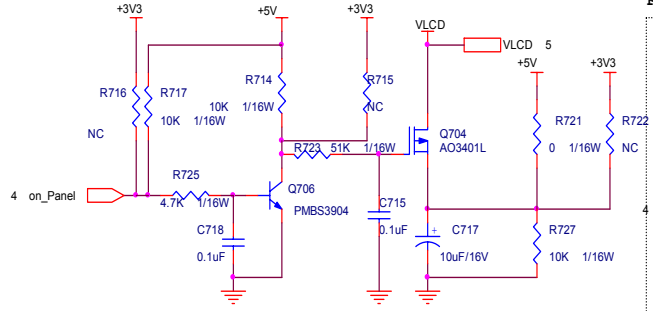


D704(SSM12L) Vf=0.38V and If=1A. So when system power on, the system loading is about 400mA (3.3V is about 200mA and 1.8V is about 200mA), So D35 changed from 1N4148(or BAT42) to SSM12L(schottky diode).

P.S: The 1N4148 Vf=0.7V~1V can't meet LDO spec. The BAT42, Vf is OK but the If=200mA(forward current) can not meet current spec.

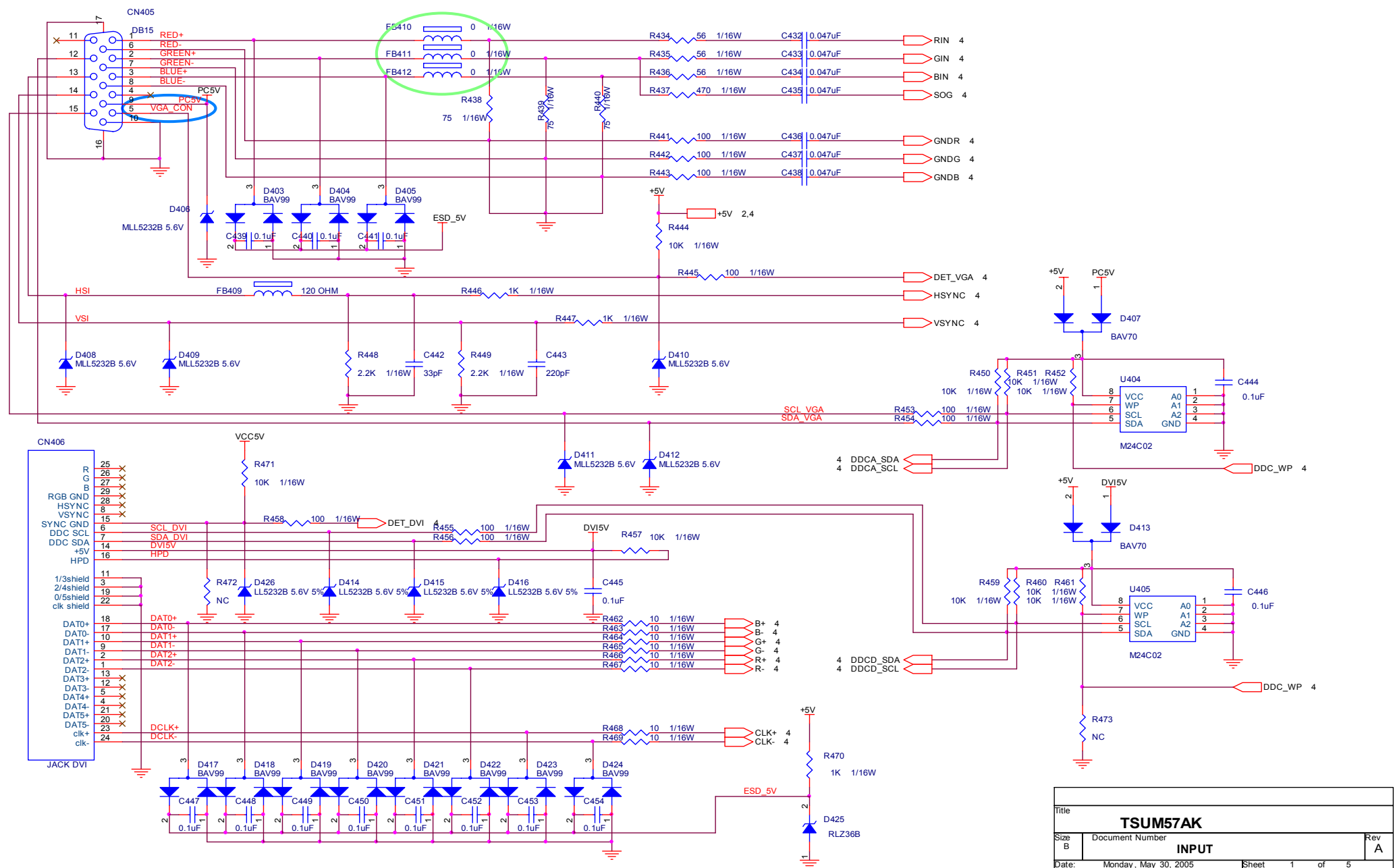


For RSDS and Panel VCC=12V



Title		
TSUM57AK		
Size B	Document Number	Rev A
POWER		
Date: Monday, May 30, 2005	Sheet 1 of 5	

6.2.4 INPUT

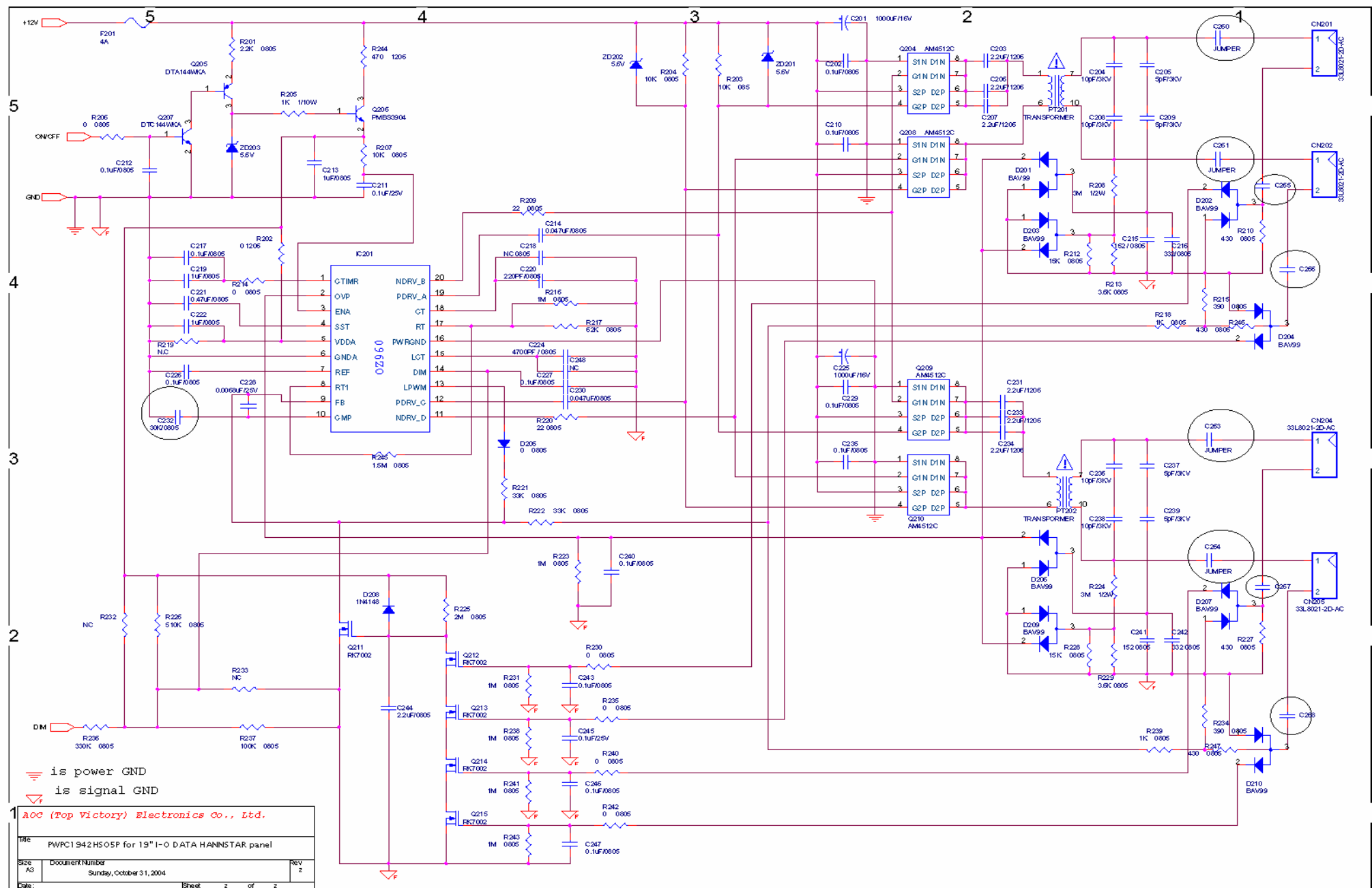


Title		
TSM57AK		
Size B	Document Number	Rev A
INPUT		
Date:	Monday, May 30, 2005	Sheet 1 of 5

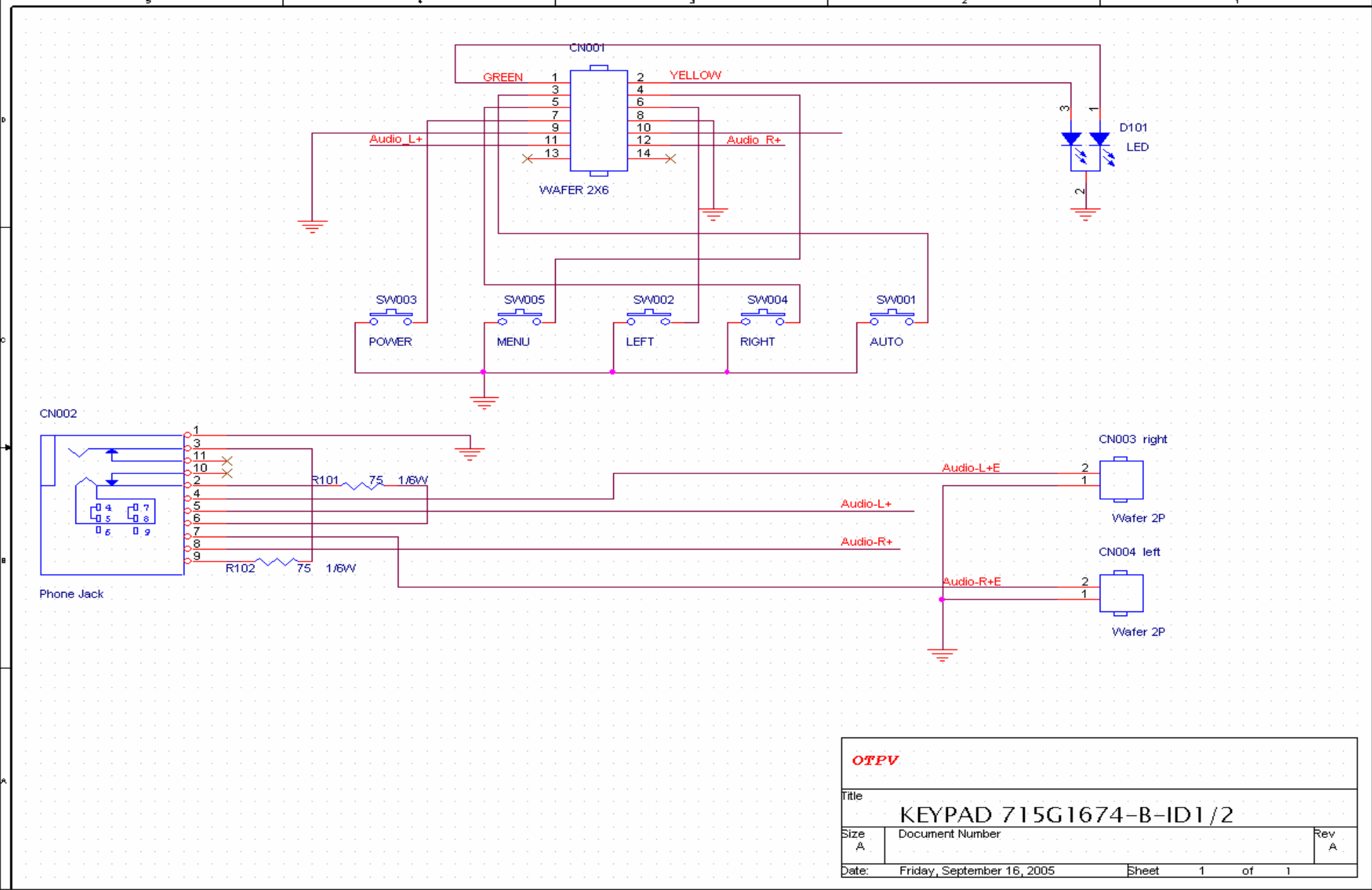
6.3.1 ADAPTER



6.3.2 INVERTER

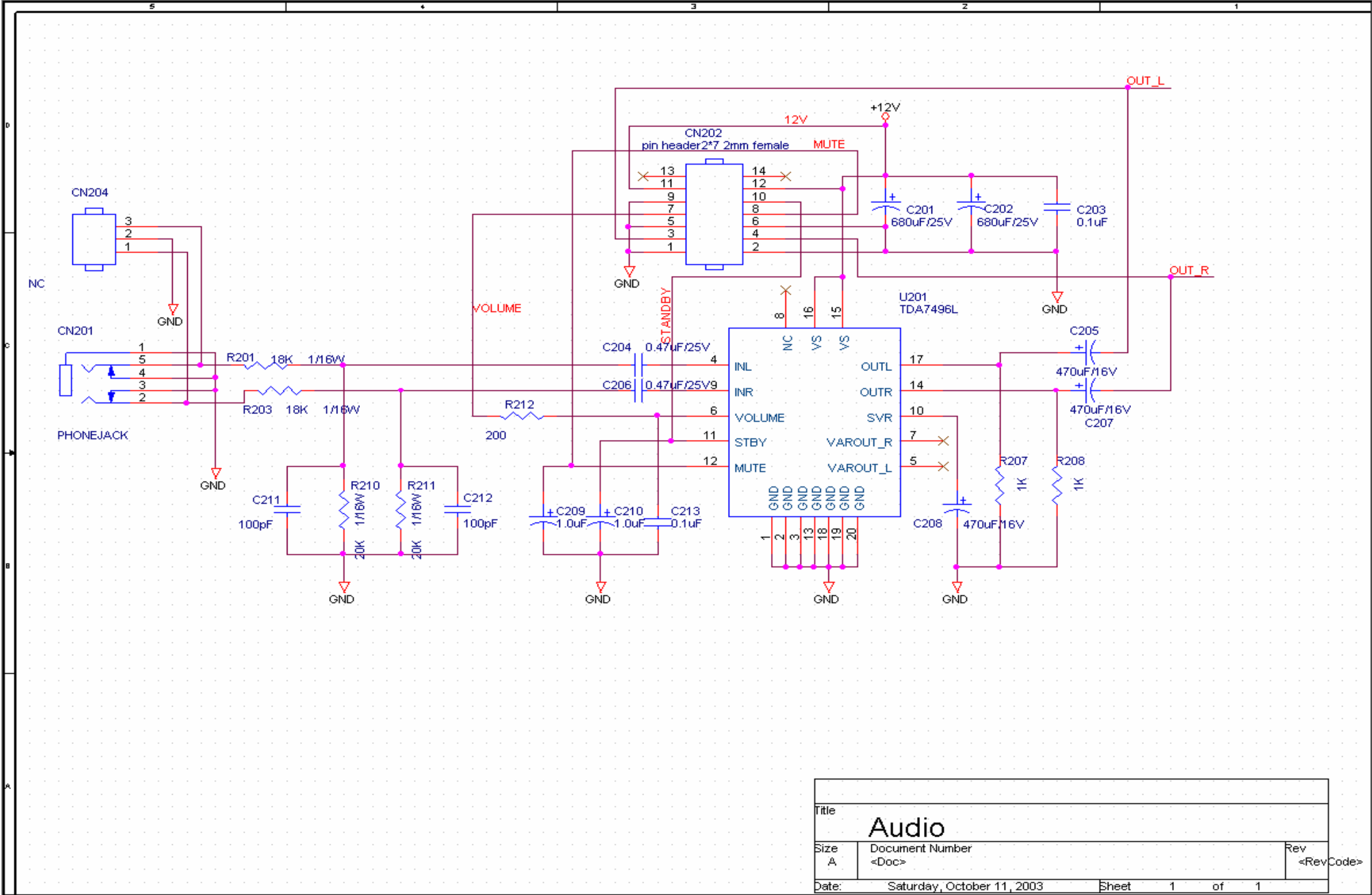


6.4 KEYPAD BOARD



OTPV		
Title		
KEYPAD 715G1674-B-ID1/2		
Size	Document Number	Rev
A		A
Date:	Friday, September 16, 2005	Sheet 1 of 1

6.5 AUDIO BOARD

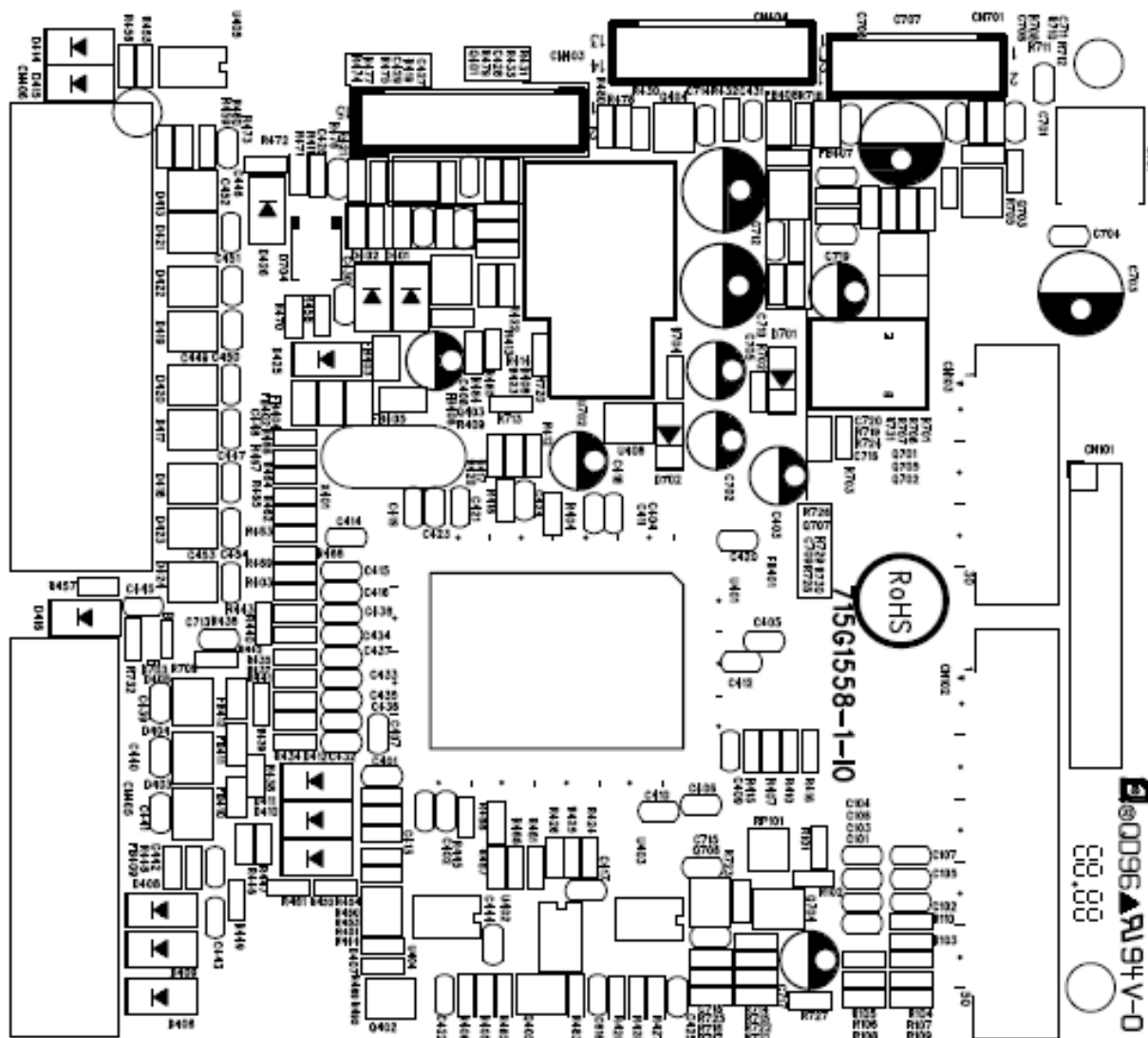


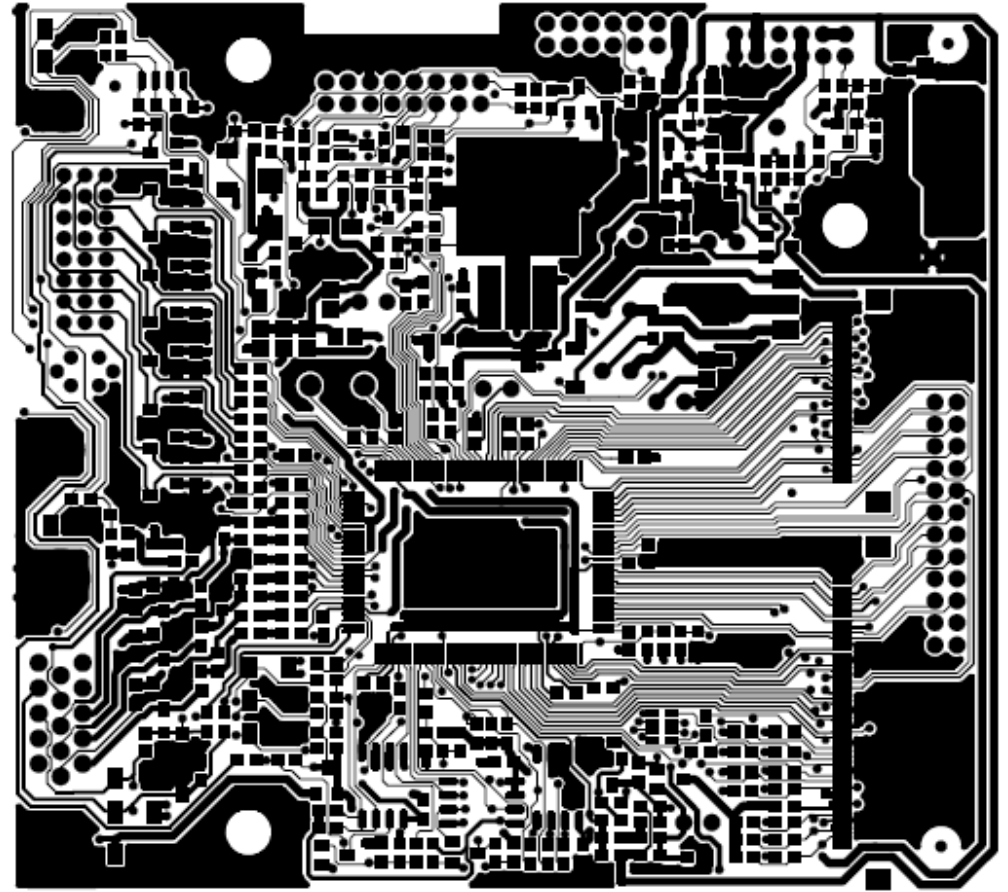
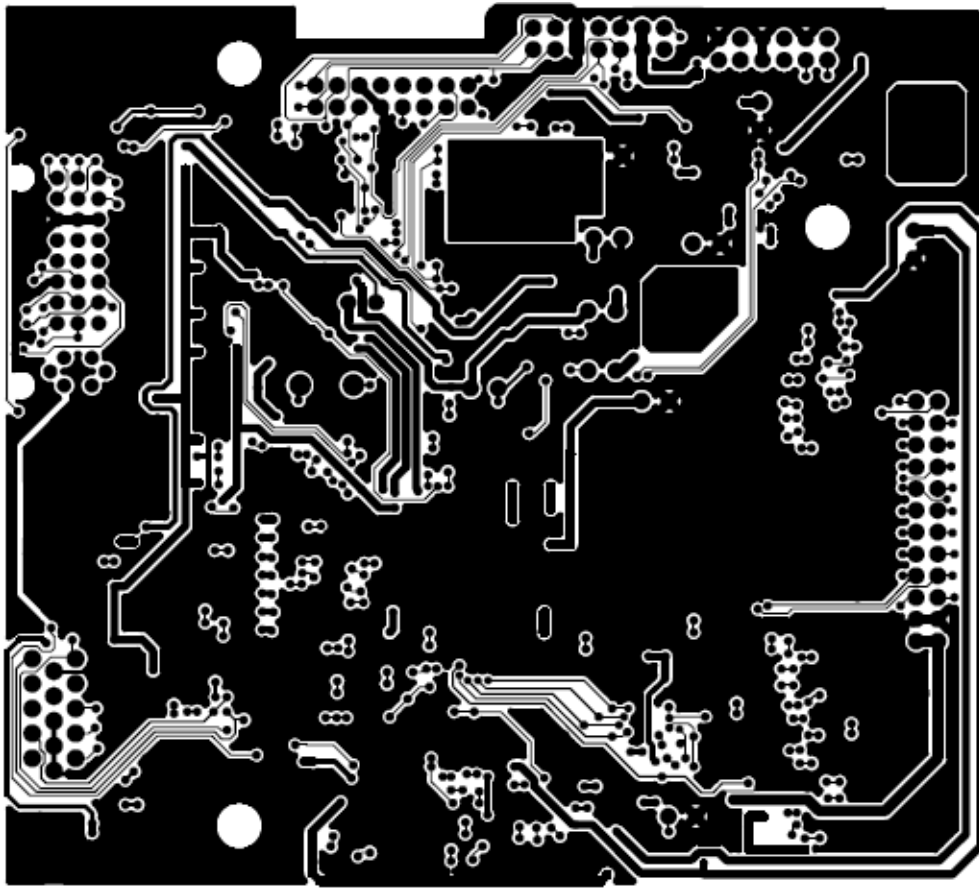
7. PCB LAYOUT

7.1 MAIN BOARD

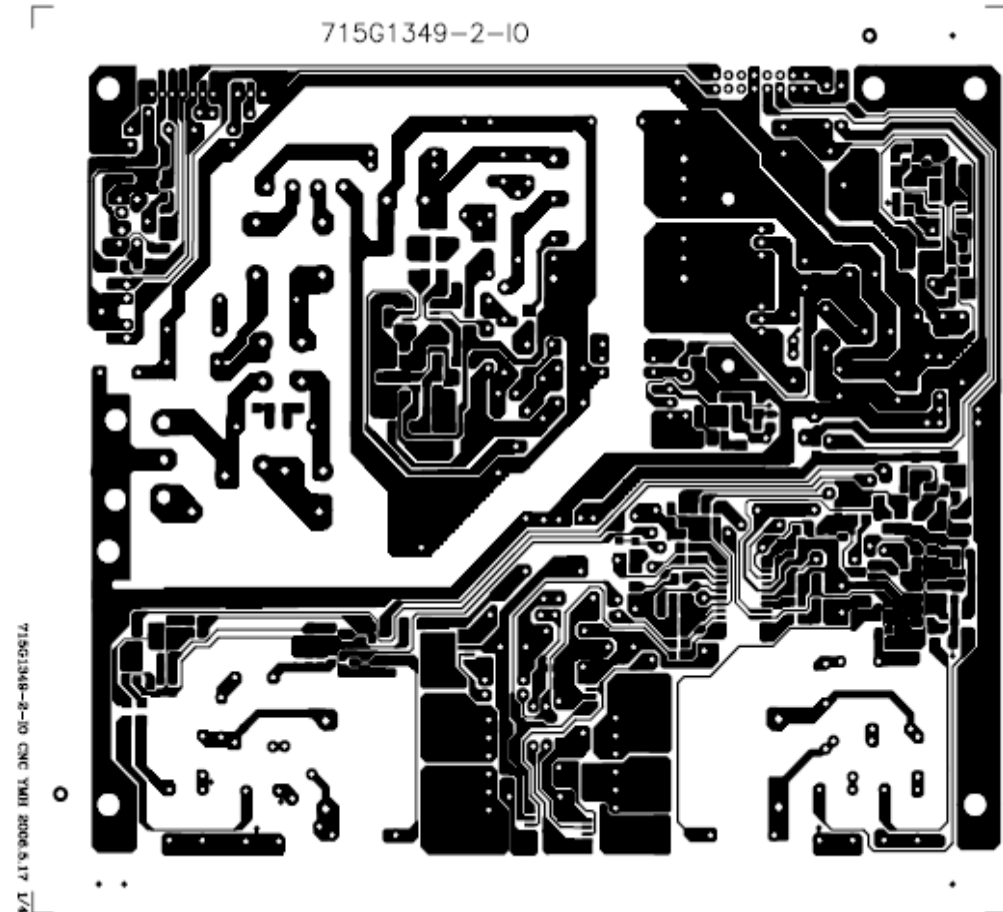
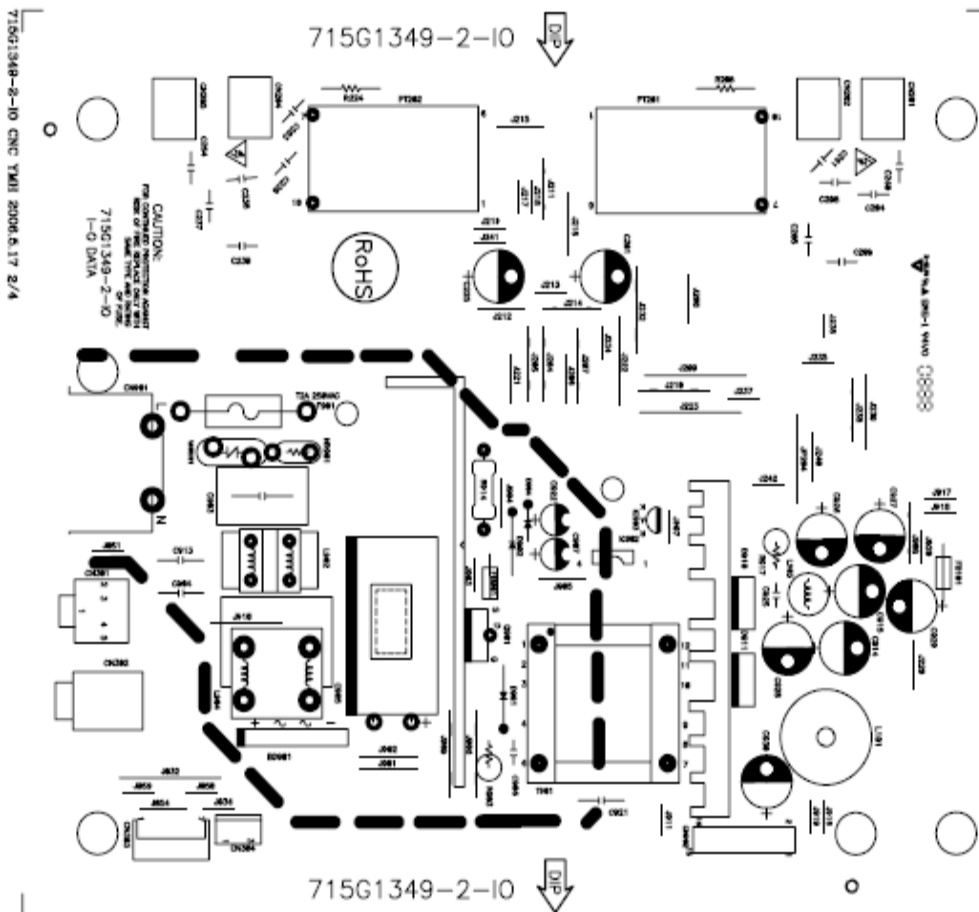
715G1558-1-IO

715G1558-1-IO



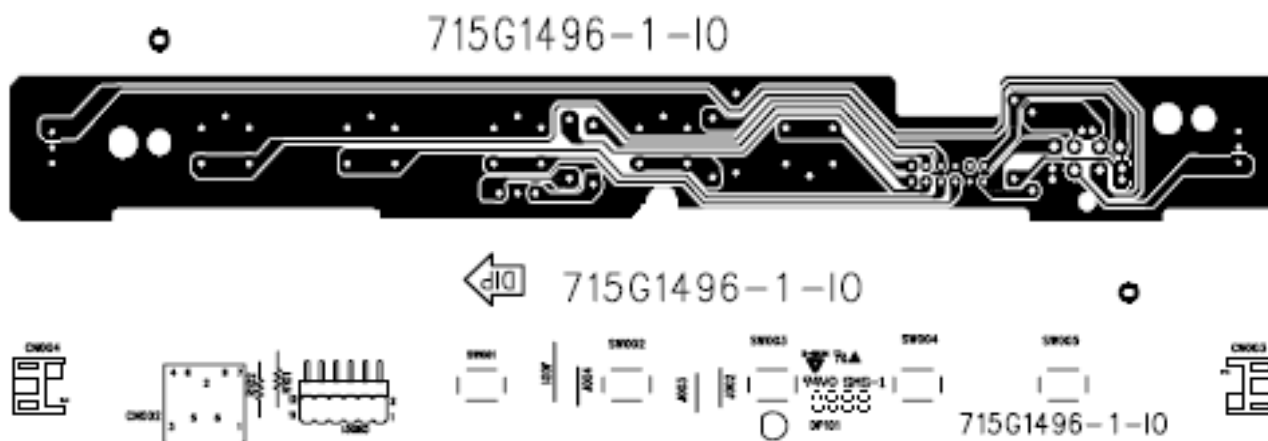


7.2 PWPC BOARD
715G1349-2-IO



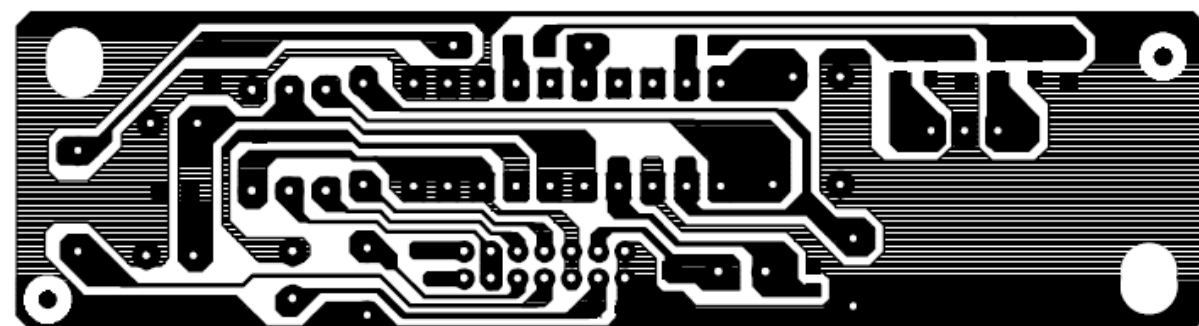
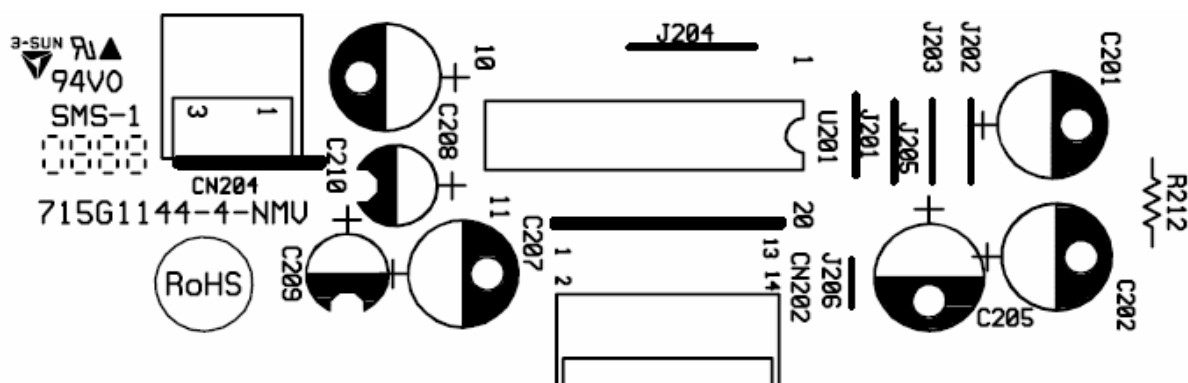
7.3 KEYPAD BOARD

715G1496-1-IO



7.4 AUDIO BOARD

715G1144-4-NMV



8. MAINTAINABILITY

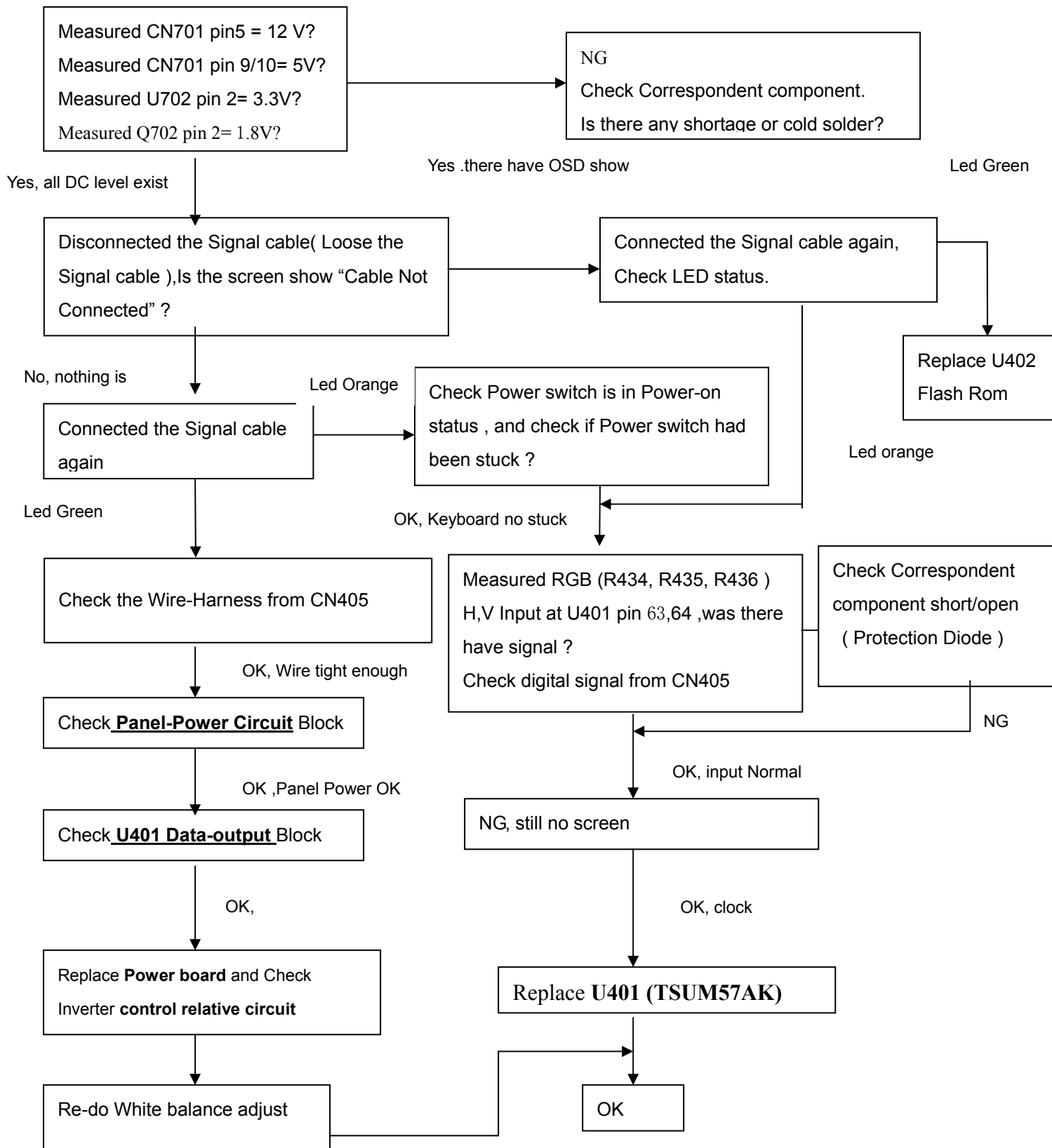
8.1 EQUIREMENT AND TOOLS REQUIREMENT

- 1、Voltmeter.
- 2、Oscilloscope.
- 3、Pattern Generator.
- 4、DDC Tool with a Compatible Computer.
- 5、Alignment Tool.
- 6、LCD Color Analyzer.
- 7、Service Manual.
- 8、User Manual.

8.2 TROUBLE SHOOTING

8.2.1 MAIN BOARD

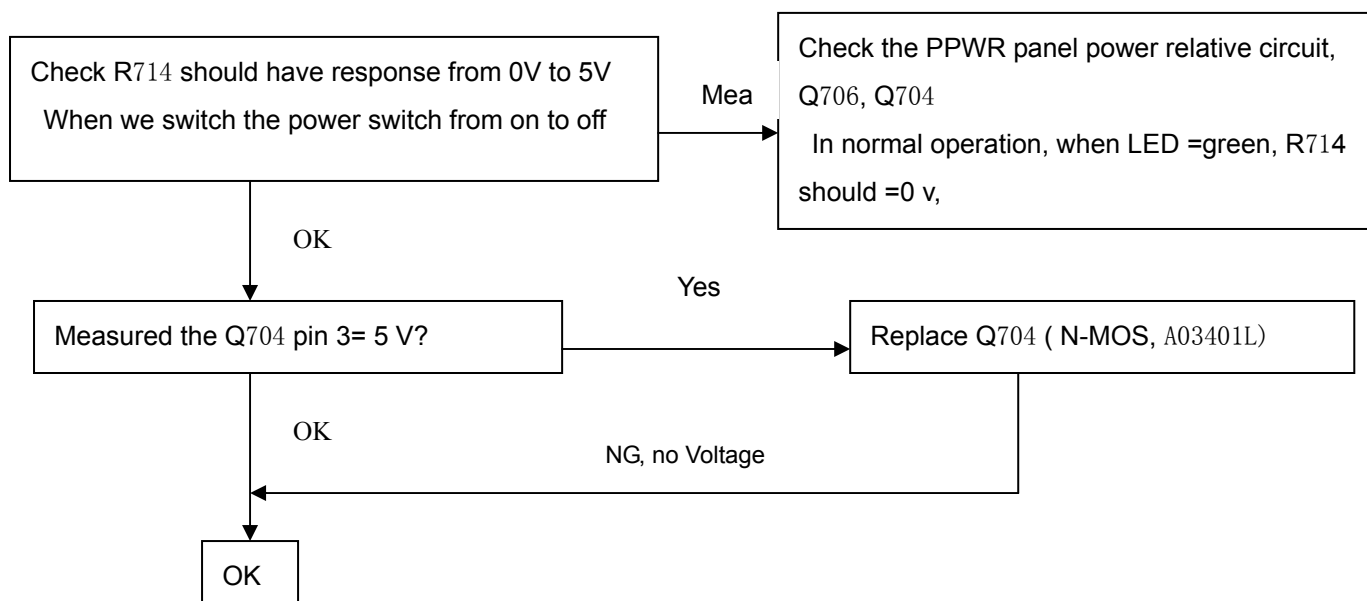
NO SCREEN APPEAR



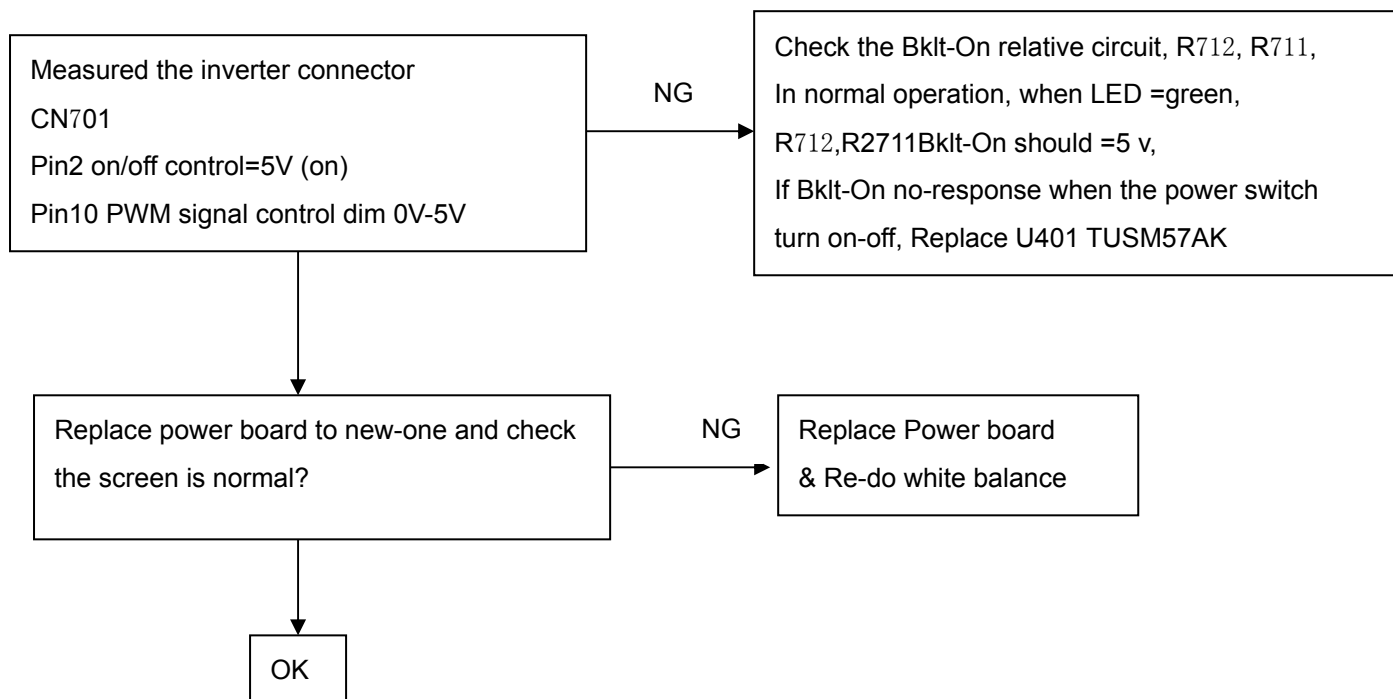
Note:1. If replace “**MAIN-BOARD**” , Please re-do “DDC-content” programmed & “WHITE-Balance”.

2. If replace “**Power Board**” only, Please re-do “ WHITE-Balance”

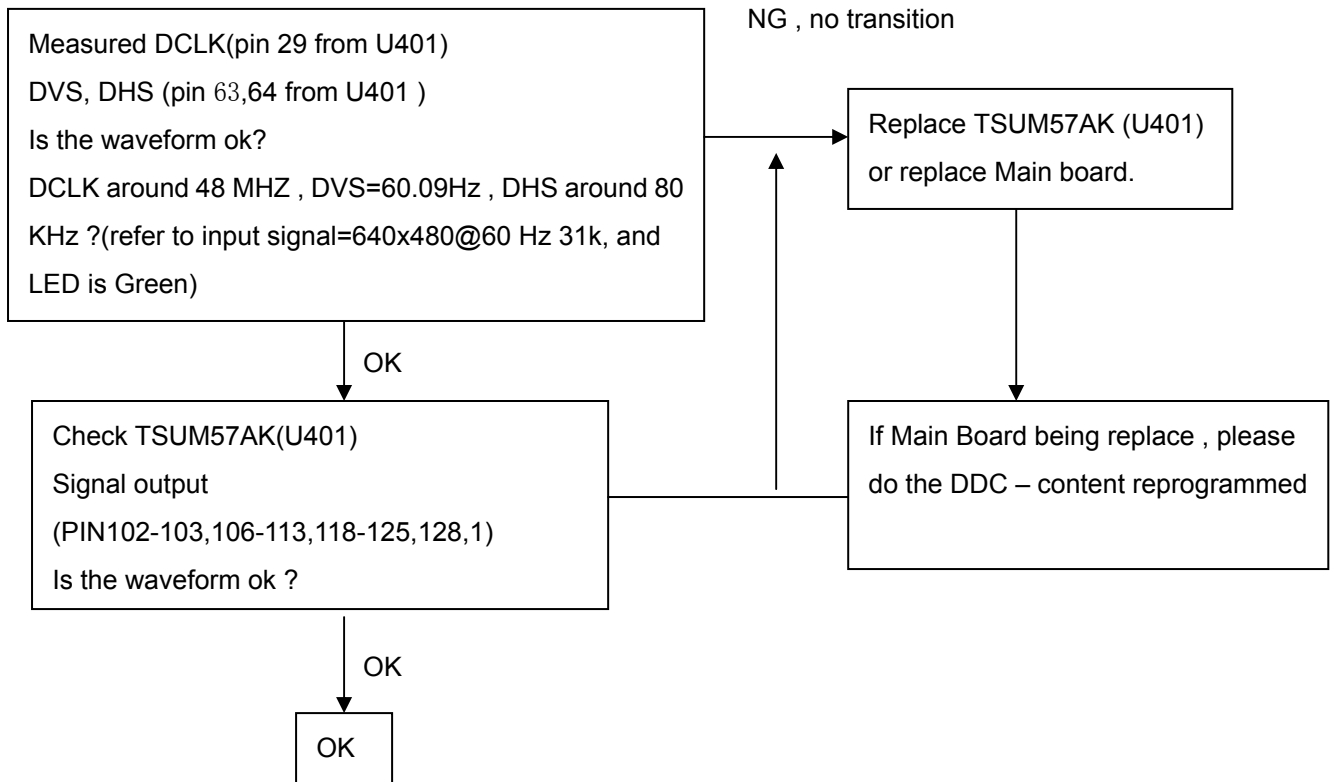
2.PANEL POWER CIRCUIT



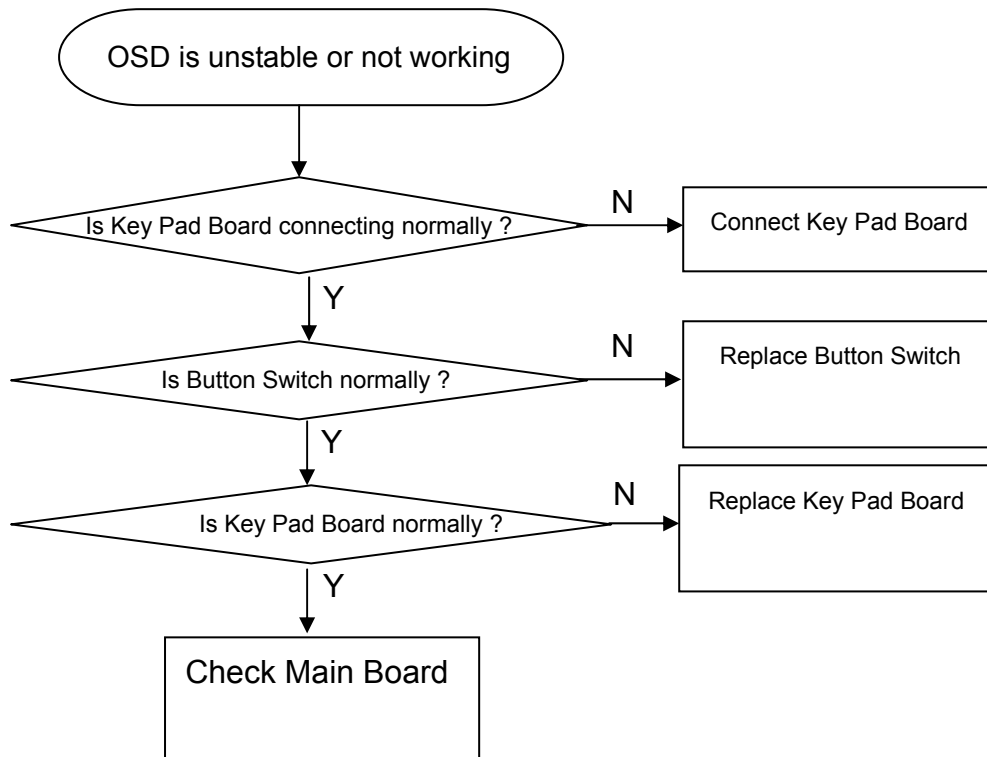
3. INVERTER CONTROL RELATIVE CIRCUIT



4. U4-DATA OUTPUT

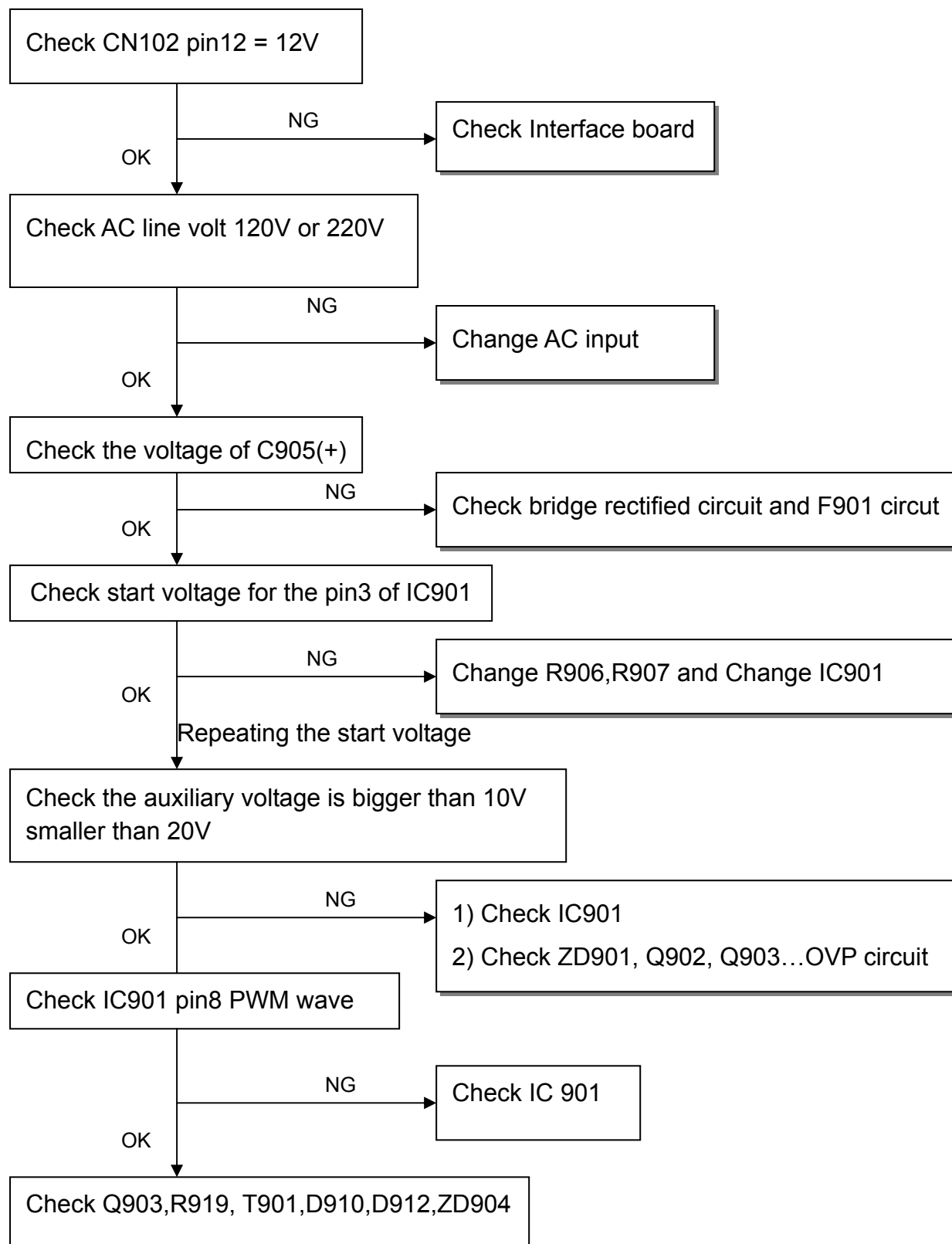


8.2.2 KEYPAD BOARD

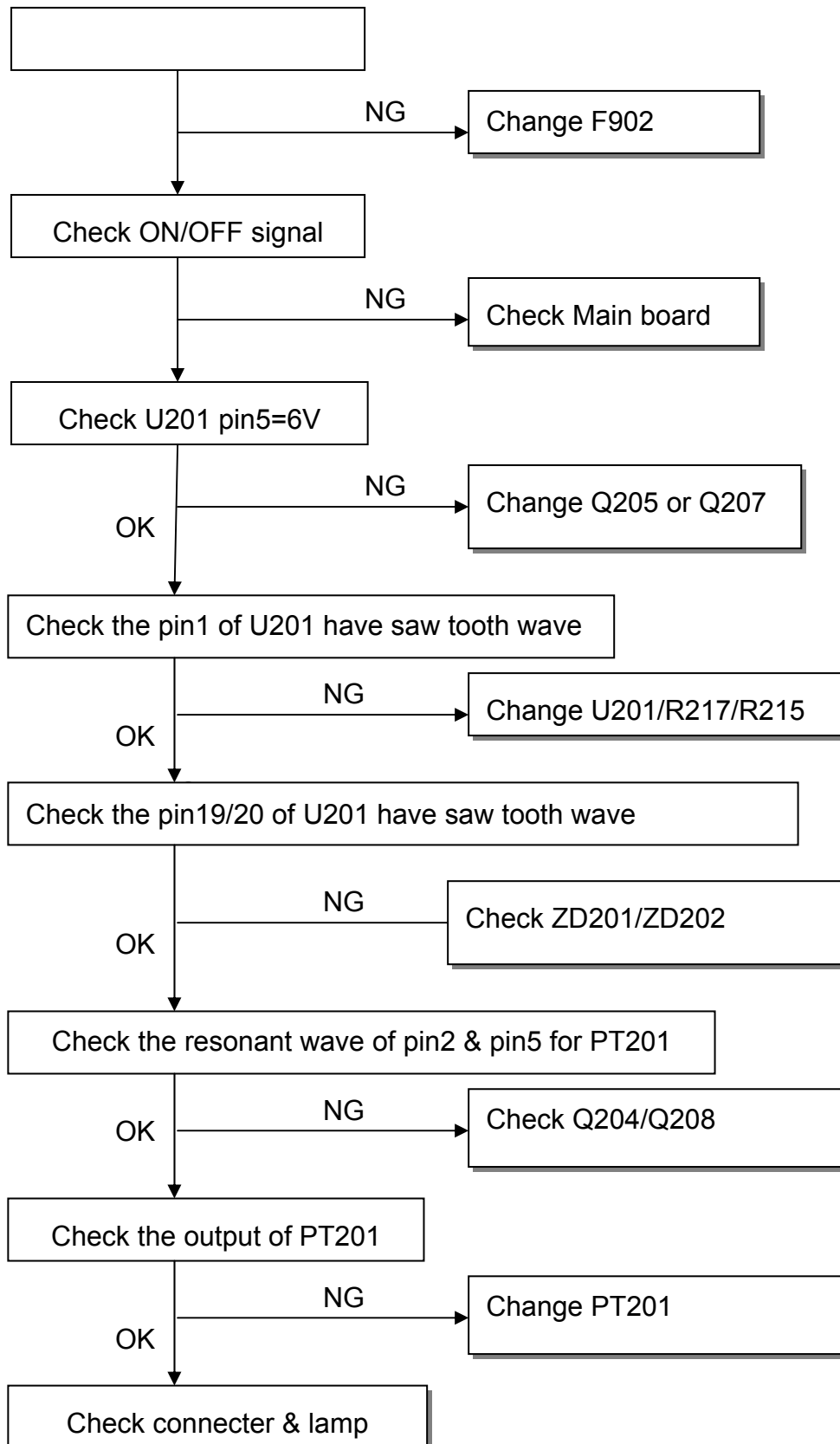


8.2.3 POWER/INVERTER BOARD

1.) No power



2.) W / LED , No Backlight



9. WHITE- BALANCE, LUMINANCE ADJUSTMENT

Approximately 30 minutes should be allowed for warm up before proceeding White-Balance adjustment.

- 1、 How to do the Chroma-7120 MEM .Channel setting
 - A 、 Reference to chroma 7120 user guide
 - B 、 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
- 2、 Setting the color temp. You want
 - A、 MEM.CHANNEL 1 (9300 color):
9300 color temp. parameter is $x = 283$, $y = 297$, $Y = 180 \text{ cd/m}^2$
 - B、 MEM.CHANNEL 2 (7200 color):
7200 color temp. parameter is $x = 303$, $y = 319$, $Y = 210 \text{ cd/m}^2$
 - C、 MEM.CHANNEL 3 (6500 color):
6500 color temp. parameter is $x = 313$, $y = 329$, $Y = 180 \text{ cd/m}^2$
 - D、 MEM.CHANNEL 4 (SRGB color):
SRGB color temp. parameter is $x = 313$, $y = 329$, $Y = 160 \text{ cd/m}^2$
- 3、 Into factory mode of AD194TW
 - A 、 Press MENU button and then AC Power ON/OFF will activate the factory mode, then MCU will do AUTO LEVEL automatically. Meanwhile press MENU the OSD screen will located at **LEFT TOP OF PANEL**.
- 4、 Gain adjustment :
Move cursor to “-F-” and press MENU key
 - A、 Adjust 9300K color-temperature
 - 1、 Switch the Chroma-7120 to **RGB-Mode** (with press “MODE” button)
 - 2、 Switch the MEM. channel to Channel 1 (with up or down arrow on chroma 7120)
 - 3、 The LCD-indicator on chroma 7120 will show $x = 283 \pm 20$, $y = 297 \pm 20$,
 $Y = 180 \pm 20 \text{ cd/m}^2$
 - 4、 Adjust the RED of 9300K on factory window until chroma 7120 indicator reached the value $R=100$
 - 5、 Adjust the GREEN of 9300K on factory window until chroma 7120 indicator reached the value $G=100$
 - 6、 Adjust the BLUE of 9300K on factory window until chroma 7120 indicator reached the value $B=100$
 - 7、 Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance $=100 \pm 2$
 - B、 Adjust 7200K color-temperature
 - 1、 Switch the Chroma-7120 to **RGB-Mode** (with press “MODE” button)

- 2、 Switch the MEM. channel to Channel 2 (with up or down arrow on chroma 7120)
- 3、 The LCD-indicator on chroma 7120 will show $x = 303 \pm 20$, $y = 319 \pm 20$,
 $Y = 210 \pm 20 \text{ cd/m}^2$
- 4、 Adjust the RED of 7200K on factory window until chroma 7120 indicator reached the value $R=100$
- 5、 Adjust the GREEN of 7200K on factory window until chroma 7120 indicator reached the value $G=100$
- 6、 Adjust the BLUE of 7200K on factory window until chroma 7120 indicator reached the value $B=100$
- 7、 Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance $=100 \pm 2$

C 、 Adjust 6500K color-temperature

- 1 、 Switch the chroma-7120 to **RGB-Mode** (with press “MODE” button)
- 2 、 Switch the MEM .channel to Channel 3(with up or down arrow on chroma 7120)
- 3 、 The LCD-indicator on chroma 7120 will show $x = 313 \pm 20$, $y = 329 \pm 20$,
 $Y = 180 \pm 20 \text{ cd/m}^2$
- 4 、 Adjust the RED of 6500K on factory window until chroma 7120 indicator reached the value $R=100$
- 5 、 Adjust the GREEN of 6500K on factory window until chroma 7120 indicator reached the value $G=100$
- 6 、 Adjust the BLUE of 6500K on factory window until chroma 7120 indicator reached the value $B=100$
- 7 、 Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance $=100 \pm 2$

D 、 Adjust SRGB color-temperature

- 1 、 Switch the chroma-7120 to **RGB-Mode** (with press “MODE” button)
- 2 、 Switch the MEM .channel to Channel 3(with up or down arrow on chroma 7120)
- 3 、 The LCD-indicator on chroma 7120 will show $x = 313 \pm 20$, $y = 329 \pm 20$,
 $Y = 160 \pm 20 \text{ cd/m}^2$
- 4 、 Adjust the RED of SRGB on factory window until chroma 7120 indicator reached the value $R=100$
- 5 、 Adjust the GREEN of SRGB on factory window until chroma 7120 indicator reached the value $G=100$
- 6 、 Adjust the BLUE of SRGB on factory window until chroma 7120 indicator reached the value $B=100$
- 7 、 Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance $=100 \pm 2$

E 、 Press reset key and Turn the Power-button “off to on” to quit from factory mode.

10. EDID CONTENT

EDID CONTENT—Analog

	x0	x1	x2	x3	x4	x5	x6	x7	x8	x9	xA	xB	xC	xD	xE	xF
00:	00	FF	FF	FF	FF	FF	FF	00	51	E3	7B	50	01	01	01	01
16:	01	10	01	02	18	26	1E	78	2E	FD	56	A5	53	4A	9D	24
32:	14	4F	54	BF	EF	00	81	80	01	01	01	01	01	01	01	01
48:	01	01	01	01	01	01	BC	34	00	98	51	00	2A	40	10	90
64:	13	00	78	2D	11	00	00	1E	00	00	00	FD	00	37	4B	18
80:	50	0E	00	0A	20	20	20	20	20	20	00	00	00	FF	00	52
96:	31	20	58	31	32	33	34	35	36	37	20	0A	00	00	00	FC
112	00	49	50	43	44	30	39	39	41	33	20	20	20	0A	00	70

EDID CONTENT—DVI

	x0	x1	x2	x3	x4	x5	x6	x7	x8	x9	xA	xB	xC	xD	xE	xF
00:	00	FF	FF	FF	FF	FF	FF	00	51	F3	6F	50	01	01	01	01
16:	01	01	01	02	80	26	1E	78	2E	FD	56	A5	53	4A	9D	24
32:	14	4F	54	BF	EF	00	81	80	01	01	01	01	01	01	01	01
48:	01	01	01	01	01	01	30	2A	00	98	51	00	2A	40	30	70
64:	13	00	78	2D	11	00	00	1E	00	00	00	FD	00	37	4B	18
80:	50	0E	00	0A	20	20	20	20	20	20	00	00	00	FF	00	52
96:	31	20	58	31	32	33	34	35	36	37	20	0A	00	00	00	FC
112	00	49	50	43	44	30	39	39	41	33	20	20	20	0A	00	9F

11.BOM LIST

11.1 AD194T——T981KH6NJ4D4ABP

Item	Location	Part number	Description	Number	Unit
1		AUPC780A0TP	AUPC BOARD	1	PCS
2		CBPC981KH6DTP	MAIN BOARD	1	PCS
3		KEPC980KE9P	KEPC	1	PCS
4		PWPC1942HS0TP	POWER BOARD	1	PCS
5		7G 6 S 8	COMPOUND PALLET	0.0127	PCS
6		11G6036 1	Spacer Support SCC-24	2	PCS
7		12G 429 2	FOOT	4	PCS
8		15G6207 L 6A	PANEL BKT L	1	PCS
9		15G6207 R 6A	PANEL BKT R	1	PCS
10		15G8908 1	AC BRACKET	1	PCS
11		26G 800939 1A	BARCODE	1	PCS
12		33G4695 1 C	CLAMP	1	PCS
13		33G6289 1	LENS	1	PCS
14		34G1546 UU 3B	STAND	1	PCS
15		34G6203 UU 2B	BASE	1	PCS
16		37G 510 1	HINGE	1	PCS
17		40G 154501 1	HI-POT GND LABEL FOR MON	1.1	PCS
18		40G 190939 1A	ID	1	PCS
19		40G 581 26704	唛头纸 FOR CARTON/PALLET	0	PCS
20		40G 58162435A	MANUAL P/N LABEL	1.05	PCS
21		41G1901939 1A	MANUAL	1	PCS
22		41G7801939 2A	INTERLEAF	1	PCS
23		44G6002120106	垫板	0.069	PCS
24		44G8025 15 IO	EVA WASHER	4	PCS
25		44G8928 1	EPS	1	PCS
26		44G8928 2	EPS	1	PCS
27		44G9003210	CORNER PAPER	0.053	PCS
28		45G 77 3	TRANSPARENT SHEET	173	CM
29		45G 77500	BARCODE RIBBON	0	CM
30		45G 79 27 3A	PE BAG FOR MANUAL	1	PCS
31		45G 88606 TS	PE BAG FOR BASE	1	PCS
32		45G 88626 TS	PE BAG FOR MONITOR	1	PCS
33		50G 600 2	HANDLE1	1	PCS
34		50G 600 3	HANDLE2	1	PCS
35		52G 1186	SMALL TAPE	8	CM
36		52G 1211 A	铝箔胶带	1	PCS
37		52G 1901 A	铝箔胶带	1	PCS

38		52G6025 11925	INSULATE SHEET	1	PCS
39		78G 322700 KL	LCD 内置喇叭箱	1	PCS
40		78G 322700 KR	LCD 内置喇叭箱	1	PCS
41		89G 173 56904	AUDIO CABLE	1	PCS
42		89G 725HAB904	SIGNAL CABLE	1	PCS
43		89G174EHAB903	DVI CABLE	1	PCS
44		89G401C18NHR6	POWER CORD	1	PCS
45		95G8014 16911 D	WIRE HARNESS	0	PCS
46		95G8014 16911 X	WIRE HARNESS	1	PCS
47		95G8018 30727 D	LVDS WIRE	1	PCS
48		95G8018 30727 X	LVDS WIRE	0	PCS
49	XN01A	M1G 330 4120	SCREW	4	PCS
50	XN01A	M1G 330 6120	SCREW	8	PCS
51	XN01A	M1G1140 6120	SCREW	1	PCS
52	XN01A	M1G1730 6120	M3*6	10	PCS
53	XN01A	Q1G 140 8120	SCREW	6	PCS
54	XN01A	Q1G 330 6120	SCREW M3X6MM	5	PCS
55	XN01A	Q1G1030 8120	SCREW 3X8 NI	4	PCS
56	XN01A	Q1G1040 10120	SCREW	3	PCS
57		750GLH9013A 11	HSD190ME13 19" LCD PANEL	1	PCS
58	XN01A	AM1G1740 12120	螺丝	4	PCS
59		J15G6206 1A	HINGE BRACKET	1	PCS
60		J15G6207 B 1	BRACKET	1	PCS
61		J33G6288 UU 1L 1	KEY PAD	0	PCS
62		J34G6201 UUA1B 1	BEZEL	1	PCS
63		J34G6202 UU 1B 1	REAR COVER	1	PCS
64		J41G7801939 4A	WARRANTY CARD	1	PCS
65		J51G 2 14 TO	热熔胶	0.4	G
66		J52G 1218 B	AL TAPE 150*80	1	PCS
67		J52G 1218 C	AL TAPE 100*80	1	PCS
68		J52G6025 11 T1	INSULATE SHEET	1	PCS
69		J52G6025 15 TO	MYLAR	1	PCS
70		J85G8119 5A	SHIELD	1	PCS
71		C 44G8928939 1A	CARTON	1	PCS
72	PARENT NO : AUPC780A0TP AUPC BOARD				
73		AUPC780A0TSMTP	AUDIO BOARD SMT ASS'Y	1	PCS
74	CN204	33G3278 3	WAFER 3P PLUG 2.55mm	1	PCS
75	CN202	33G802414C H	WAFER	1	PCS
76	U201	56G 616 1	AMPLIFIER IC E-TDA7496L	1	PCS
77	R212	61G 60220152T	CFR 200 OHM +-5% 1/6W	1	PCS
78	C201	67G305V471 3	470UF +-20% 16	1	PCS

79	C202	67G305V471 3	470UF +-20% 16	1	PCS
80	C205	67G305V471 3	470UF +-20% 16	1	PCS
81	C207	67G305V471 3	470UF +-20% 16	1	PCS
82	C208	67G305V471 3	470UF +-20% 16	1	PCS
83	C201	67G305V471 3P	470UF 16V	0	PCS
84	C202	67G305V471 3P	470UF 16V	0	PCS
85	C205	67G305V471 3P	470UF 16V	0	PCS
86	C207	67G305V471 3P	470UF 16V	0	PCS
87	C208	67G305V471 3P	470UF 16V	0	PCS
88		90G6059 1	HEAT SINK	1	PCS
89	PARENT NO : AUPC780A0TSMT P AUDIO BOARD SMT ASS'Y				
90		AUPC780A0TAIP	AUPC BOARD	1	PCS
91	R207	61L0603102	CHIPR 1KOHM +-5% 1/10W	1	PCS
92	R208	61L0603102	CHIPR 1KOHM +-5% 1/10W	1	PCS
93	R201	61L0603183	CHIP 18K OHM 1/10W	1	PCS
94	R203	61L0603183	CHIP 18K OHM 1/10W	1	PCS
95	R210	61L0603203	CHIPR 20KOHM +-5% 1/10W	1	PCS
96	R211	61L0603203	CHIPR 20KOHM +-5% 1/10W	1	PCS
97	C211	65G0805101 31	CHIP 100PF 50V NPD 0805	1	PCS
98	C212	65G0805101 31	CHIP 100PF 50V NPD 0805	1	PCS
99	C214	65G0805102 31	1000PF 50V NPO	1	PCS
100	C215	65G0805102 31	1000PF 50V NPO	1	PCS
101	C203	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
102	C213	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
103	C204	65G0805474 22	CHIP 0.47UF 25V Y5V 0805	1	PCS
104	C206	65G0805474 22	CHIP 0.47UF 25V Y5V 0805	1	PCS
105	PARENT NO : AUPC780A0TAIP AUPC BOARD				
106	C209	67G 309109 7T	1.0UF +-20% 50V	1	PCS
107	C210	67G 309109 7T	1.0UF +-20% 50V	1	PCS
108	C209	67G 309109 7T6371	1.0UF +-20% 50V XINDECO	0	PCS
109	C210	67G 309109 7T6371	1.0UF +-20% 50V XINDECO	0	PCS
110	J201	95G 90 23	TINCOATEDCOPPER	0	PCS
111	J202	95G 90 23	TINCOATEDCOPPER	0	PCS
112	J203	95G 90 23	TINCOATEDCOPPER	0	PCS
113	J204	95G 90 23	TINCOATEDCOPPER	0	PCS
114	J205	95G 90 23	TINCOATEDCOPPER	0	PCS
115	J206	95G 90 23	TINCOATEDCOPPER	0	PCS
116		715G1144 4NMV	AUDIO BOARD	1	PCS
117	PARENT NO : CBPC981KH6DTP MAIN BOARD				
118		AIC981KH6DTP	MAIN BOARD SMT	1	PCS
119	CN404	33G801714A BH	PIN HEADER	1	PCS

120	CN101	33G801724E BH	PIN HEADER	1	PCS
121	CN701	33G8027 12	WAFER 2*6P 2.0MM R/A	1	PCS
122	CN403	33G8027 16	WAFER 16PIN 2.0MM DIP	1	PCS
123		40G 45762412B	CBPC LABEL	1.05	PCS
124	C707	67G215V101 4N	LOW ESR EC 100UF 25V NCC	1	PCS
125	C710	67G215V101 4N	LOW ESR EC 100UF 25V NCC	1	PCS
126	C712	67G215V101 4N	LOW ESR EC 100UF 25V NCC	1	PCS
127	C408	67G305V100 3P	10UF 16V +-20% 105	1	PCS
128	C717	67G305V100 3P	10UF 16V +-20% 105	1	PCS
129	C705	67G305V109 7	1UF 50V +-20% 105	1	PCS
130	C705	67G305V109 76371	1UF 50V +-20% 105 度 XIND	0	PCS
131	C403	67G305V479 3P	4.7UF 16V +-20% 105	1	PCS
132	C702	67G305V479 3P	4.7UF 16V +-20% 105	1	PCS
133	CN405	88G 35315F H	D-SUB 15PIN	1	PCS
134	CN405	88G 35315F HJ	D-SUB 15PIN	0	PCS
135	CN406	88G 35424F H	DVID CONN 24P FEMALE 90	1	PCS
136	X401	93G 22 53	CRYSTAL 14.31818MHZ HC-4	1	PCS
137		J90G6250 1903	HEAT SINK	1	PCS
138	PARENT NO : AIC981KH6DTP MAIN BOARD SMT				
139	U401	56G 562108	TSUM56AK-LF PQFP-100	1	PCS
140	U702	56G 563 7	AIC1084-33PM T0-263	1	PCS
141	U406	56G 643 6	IC MICROPROCESSOR MAX810	0	PCS
142	U406	56G 643 20	RESET_4.38V_G690H438T73U	1	PCS
143	U404	56G1133 34	IC M24C02-WMN6TP	1	PCS
144	U405	56G1133 34	IC M24C02-WMN6TP	1	PCS
145	U402	56G1133 63H01	PM25LV010-25SCE	1	PCS
146	U402	56G1133 74H01	SST25VF010A-33-4C-SAE	0	PCS
147	U403	56G113356A	24LC16B/SNG SOIC-8PIN	1	PCS
148	Q402	57G 417 4	PMBS3904/PLILIPS	1	PCS
149	Q701	57G 417 4	PMBS3904/PLILIPS	1	PCS
150	Q703	57G 417 4	PMBS3904/PLILIPS	1	PCS
151	Q706	57G 417 4	PMBS3904/PLILIPS	1	PCS
152	Q401	57G 417 6	PMBS3906 PNP	1	PCS
153	Q403	57G 417 6	PMBS3906 PNP	1	PCS
154	Q702	57G 417 17 T	PZT2907A SOT-223	1	PCS
155	Q704	57G 763 1	A03401L	1	PCS
156	FB410	61L0603000	CHIPR 00HM +-5% 1/10W	1	PCS
157	FB411	61L0603000	CHIPR 00HM +-5% 1/10W	1	PCS
158	FB412	61L0603000	CHIPR 00HM +-5% 1/10W	1	PCS
159	R419	61L0603000	CHIPR 00HM +-5% 1/10W	1	PCS
160	R421	61L0603000	CHIPR 00HM +-5% 1/10W	1	PCS

161	R431	61L0603000	CHIPR 00HM +-5% 1/10W	1	PCS
162	R432	61L0603000	CHIPR 00HM +-5% 1/10W	1	PCS
163	R488	61L0603000	CHIPR 00HM +-5% 1/10W	1	PCS
164	R720	61L0603000	CHIPR 00HM +-5% 1/10W	1	PCS
165	R721	61L0603000	CHIPR 00HM +-5% 1/10W	1	PCS
166	R462	61L0603100	CHIPR 10 OHM 1/10W	1	PCS
167	R463	61L0603100	CHIPR 10 OHM 1/10W	1	PCS
168	R464	61L0603100	CHIPR 10 OHM 1/10W	1	PCS
169	R465	61L0603100	CHIPR 10 OHM 1/10W	1	PCS
170	R466	61L0603100	CHIPR 10 OHM 1/10W	1	PCS
171	R467	61L0603100	CHIPR 10 OHM 1/10W	1	PCS
172	R468	61L0603100	CHIPR 10 OHM 1/10W	1	PCS
173	R469	61L0603100	CHIPR 10 OHM 1/10W	1	PCS
174	R478	61L0603100 1F	CHIP 1KOHM 1/10W 1%	1	PCS
175	R479	61L0603100 1F	CHIP 1KOHM 1/10W 1%	1	PCS
176	R411	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
177	R418	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
178	R420	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
179	R427	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
180	R428	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
181	R429	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
182	R434	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
183	R435	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
184	R436	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
185	R441	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
186	R442	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
187	R443	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
188	R445	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
189	R453	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
190	R454	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
191	R455	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
192	R456	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
193	R458	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
194	R704	61L0603101	CHIPR 1000HM +-5% 1/10W	1	PCS
195	R430	61L0603102	CHIPR 1KOHM +-5% 1/10W	1	PCS
196	R446	61L0603102	CHIPR 1KOHM +-5% 1/10W	1	PCS
197	R447	61L0603102	CHIPR 1KOHM +-5% 1/10W	1	PCS
198	R470	61L0603102	CHIPR 1KOHM +-5% 1/10W	1	PCS
199	R476	61L0603102	CHIPR 1KOHM +-5% 1/10W	1	PCS
200	R477	61L0603102	CHIPR 1KOHM +-5% 1/10W	1	PCS
201	R701	61L0603102	CHIPR 1KOHM +-5% 1/10W	1	PCS

202	R406	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
203	R408	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
204	R412	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
205	R413	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
206	R415	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
207	R416	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
208	R424	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
209	R425	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
210	R426	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
211	R450	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
212	R451	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
213	R452	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
214	R457	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
215	R459	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
216	R460	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
217	R461	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
218	R471	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
219	R484	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
220	R485	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
221	R486	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
222	R708	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
223	R711	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
224	R714	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
225	R717	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
226	R727	61L0603103	CHIPR 10KOHM+-5% 1/10W	1	PCS
227	R487	61L0603104	CHIPR 100KOHM +-5% 1/10W	1	PCS
228	R409	61L0603121	CHIPR 120 OHM 1/10W	1	PCS
229	R414	61L0603121	CHIPR 120 OHM 1/10W	1	PCS
230	R480	61L0603150 1F	CHIP 1.5KOHM 1/16W 1%	1	PCS
231	R703	61L0603202	CHIPR 2KOHM+-5%1/10W	1	PCS
232	R417	61L0603203	CHIPR 20KOHM +-5% 1/10W	1	PCS
233	R448	61L0603222	CHIPR 2.2KOHM+-5%1/10W	1	PCS
234	R449	61L0603222	CHIPR 2.2KOHM+-5%1/10W	1	PCS
235	R405	61L0603223	CHIPR 22K OHM +-5% 1/10W	1	PCS
236	R403	61L0603390 0F	3900HM +-1%	1	PCS
237	R474	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
238	R475	61L0603392	CHIP 3.9K OHM 1/10W	1	PCS
239	R437	61L0603471	CHIPR 4700HM+-5%1/10W	1	PCS
240	R422	61L0603472	CHIP 4.7KOHM +-5% 1/10W	1	PCS
241	R423	61L0603472	CHIP 4.7KOHM +-5% 1/10W	1	PCS
242	R705	61L0603472	CHIP 4.7KOHM +-5% 1/10W	1	PCS

243	R707	61L0603472	CHIP 4.7KOHM +-5% 1/10W	1	PCS
244	R712	61L0603472	CHIP 4.7KOHM +-5% 1/10W	1	PCS
245	R725	61L0603472	CHIP 4.7KOHM +-5% 1/10W	1	PCS
246	R702	61L0603510	CHIP 510HM 5% 1/10W	1	PCS
247	R723	61L0603513	CHIP 51K OHM	1	PCS
248	R438	61L0603750	CHIPR 750HM+-5%1/10W	1	PCS
249	R439	61L0603750	CHIPR 750HM+-5%1/10W	1	PCS
250	R440	61L0603750	CHIPR 750HM+-5%1/10W	1	PCS
251	C401	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
252	C404	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
253	C405	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
254	C406	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
255	C407	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
256	C409	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
257	C410	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
258	C411	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
259	C412	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
260	C413	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
261	C414	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
262	C415	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
263	C416	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
264	C417	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
265	C419	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
266	C420	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
267	C422	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
268	C424	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
269	C425	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
270	C426	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
271	C427	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
272	C428	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
273	C429	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
274	C430	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
275	C439	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
276	C440	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
277	C441	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
278	C444	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
279	C445	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
280	C446	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
281	C447	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
282	C448	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
283	C449	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS

284	C450	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
285	C451	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
286	C452	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
287	C453	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
288	C454	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
289	C706	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
290	C709	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
291	C711	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
292	C713	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
293	C714	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
294	C715	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
295	C718	65G0603104 32	CHIP 0.1UF 50V X7R	1	PCS
296	C431	65G0603105 17	CHIP 1UF 16V Y5V	1	PCS
297	C708	65G0603105 22	1UF 25V X7R	1	PCS
298	C421	65G0603220 32	Chip Cap 22PF	1	PCS
299	C423	65G0603220 32	Chip Cap 22PF	1	PCS
300	C443	65G0603221 32	220PF/50V X7R	1	PCS
301	C442	65G0603330 32	CHIP 33PF 50V NPO	1	PCS
302	C432	65G0603473 32	CHIP 47NF 50V X7R	1	PCS
303	C433	65G0603473 32	CHIP 47NF 50V X7R	1	PCS
304	C434	65G0603473 32	CHIP 47NF 50V X7R	1	PCS
305	C435	65G0603473 32	CHIP 47NF 50V X7R	1	PCS
306	C436	65G0603473 32	CHIP 47NF 50V X7R	1	PCS
307	C437	65G0603473 32	CHIP 47NF 50V X7R	1	PCS
308	C438	65G0603473 32	CHIP 47NF 50V X7R	1	PCS
309	FB401	71G 56Z601	2.0X1.2 100M=6000HM	1	PCS
310	FB402	71G 56Z601	2.0X1.2 100M=6000HM	1	PCS
311	FB403	71G 56Z601	2.0X1.2 100M=6000HM	1	PCS
312	FB404	71G 56Z601	2.0X1.2 100M=6000HM	1	PCS
313	FB405	71G 56Z601	2.0X1.2 100M=6000HM	1	PCS
314	FB406	71G 56Z601	2.0X1.2 100M=6000HM	1	PCS
315	FB407	71G 56Z601	2.0X1.2 100M=6000HM	1	PCS
316	FB408	71G 56Z601	2.0X1.2 100M=6000HM	1	PCS
317	FB401	71G 56Z601 M	CHIP BEAD 0805 6000HM	0	PCS
318	FB402	71G 56Z601 M	CHIP BEAD 0805 6000HM	0	PCS
319	FB403	71G 56Z601 M	CHIP BEAD 0805 6000HM	0	PCS
320	FB404	71G 56Z601 M	CHIP BEAD 0805 6000HM	0	PCS
321	FB405	71G 56Z601 M	CHIP BEAD 0805 6000HM	0	PCS
322	FB406	71G 56Z601 M	CHIP BEAD 0805 6000HM	0	PCS
323	FB407	71G 56Z601 M	CHIP BEAD 0805 6000HM	0	PCS
324	FB408	71G 56Z601 M	CHIP BEAD 0805 6000HM	0	PCS

325	FB409	71G 59B121	贴片磁珠	1	PCS
326	D414	93G 39146	LL5232B/FCI	0	PCS
327	D415	93G 39146	LL5232B/FCI	0	PCS
328	D416	93G 39146	LL5232B/FCI	0	PCS
329	D426	93G 39146	LL5232B/FCI	0	PCS
330	D406	93G 39147SEM	ZMM5V6	1	PCS
331	D408	93G 39147SEM	ZMM5V6	1	PCS
332	D409	93G 39147SEM	ZMM5V6	1	PCS
333	D410	93G 39147SEM	ZMM5V6	1	PCS
334	D411	93G 39147SEM	ZMM5V6	1	PCS
335	D412	93G 39147SEM	ZMM5V6	1	PCS
336	D414	93G 39147SEM	ZMM5V6	1	PCS
337	D415	93G 39147SEM	ZMM5V6	1	PCS
338	D416	93G 39147SEM	ZMM5V6	1	PCS
339	D426	93G 39147SEM	ZMM5V6	1	PCS
340	D407	93G 64 42 P	BAV70 DIODE	1	PCS
341	D413	93G 64 42 P	BAV70 DIODE	1	PCS
342	D701	93G 6432P	LL4148 MINI-MELF/LL-34	1	PCS
343	D702	93G 6432P	LL4148 MINI-MELF/LL-34	1	PCS
344	D403	93G 6433P	BAV99 SOT-23	1	PCS
345	D404	93G 6433P	BAV99 SOT-23	1	PCS
346	D405	93G 6433P	BAV99 SOT-23	1	PCS
347	D417	93G 6433P	BAV99 SOT-23	1	PCS
348	D418	93G 6433P	BAV99 SOT-23	1	PCS
349	D419	93G 6433P	BAV99 SOT-23	1	PCS
350	D420	93G 6433P	BAV99 SOT-23	1	PCS
351	D421	93G 6433P	BAV99 SOT-23	1	PCS
352	D422	93G 6433P	BAV99 SOT-23	1	PCS
353	D423	93G 6433P	BAV99 SOT-23	1	PCS
354	D424	93G 6433P	BAV99 SOT-23	1	PCS
355	D401	93G 39S 45 T	RLZ36B ZENER DIODE	1	PCS
356	D402	93G 39S 45 T	RLZ36B ZENER DIODE	1	PCS
357	D425	93G 39S 45 T	RLZ36B ZENER DIODE	1	PCS
358	D704	93G1004 4	SCHOTTKY DIODE 1A 40V SM	1	PCS
359		715G1558 1 IO	MAIN PCB	1	PCS
360	PARENT NO : KEPC980KE9P KEPC				
361		AIK980KE9P	KEPC-AI	1	PCS
362	CN003	33G3802 3H	WAFER&PLUG	1	PCS
363	CN004	33G3802 3H	WAFER&PLUG	1	PCS
364	CN001	33G801712A BH	PIN HEADER	1	PCS
365	R101	61G 60275052T	750HM 5% 1/6W	1	PCS

366	R102	61G 60275052T	750HM 5% 1/6W	1	PCS
367	SW001	77G 600 1GCJ	轻触开关	1	PCS
368	SW002	77G 600 1GCJ	轻触开关	1	PCS
369	SW003	77G 600 1GCJ	轻触开关	1	PCS
370	SW004	77G 600 1GCJ	轻触开关	1	PCS
371	SW005	77G 600 1GCJ	轻触开关	1	PCS
372	DP101	81G 12 1 GP	LED GP32032ME/R003-50-ZY	1	PCS
373	CN002	88G 30211K	PHONE JOCK	1	PCS
374	PARENT NO : AIK980KE9P KEPC-AI				
375	J001	95G 90 23	TINCOATEDCOPPER	0	PCS
376	J002	95G 90 23	TINCOATEDCOPPER	0	PCS
377	J003	95G 90 23	TINCOATEDCOPPER	0	PCS
378	J004	95G 90 23	TINCOATEDCOPPER	0	PCS
379		715G1496 1 IO	KEPC	1	PCS
380	PARENT NO : PWPC1942HS0TP POWER BOARD				
381		PW1942HS0TSMTP	POWER BOARD FOR SMT	1	PCS
382	CN201	33G8021 2D U	CON. 2PR/A	1	PCS
383	CN202	33G8021 2D U	CON. 2PR/A	1	PCS
384	CN204	33G8021 2D U	CON. 2PR/A	1	PCS
385	CN205	33G8021 2D U	CON. 2PR/A	1	PCS
386		40G 45762412B	CBPC LABEL	1.05	PCS
387		51G 6 4500	RTV 胶	0	G
388		51G 6 4502	RTV 胶	2	G
389		51G 6 4503	RTV 胶	0	G
390	IC902	56G 139 3A	PC123Y22FZ0F	1	PCS
391	IC902	56G 139 3B	PC123Y82FZ0F	0	PCS
392	VAR901	61G 46 6	VARISTOR	1	PCS
393	NR901	61G 58050 WT	NTCR 50HM	1	PCS
394	R917	61G 20747052T	47 OHM 1/2W	1	PCS
395	R914	61G152M398 64	RES.	1	PCS
396	C903	63G 10747410S	0.47UF +-10% 250VAC	1	PCS
397	C204	65G 3J1006EM	10PF, +-5%, 3KV	1	PCS
398	C208	65G 3J1006EM	10PF, +-5%, 3KV	1	PCS
399	C236	65G 3J1006EM	10PF, +-5%, 3KV	1	PCS
400	C238	65G 3J1006EM	10PF, +-5%, 3KV	1	PCS
401	C204	65G 3J1006ET	10PF 5% SL 3KV TDK	0	PCS
402	C208	65G 3J1006ET	10PF 5% SL 3KV TDK	0	PCS
403	C236	65G 3J1006ET	10PF 5% SL 3KV TDK	0	PCS
404	C238	65G 3J1006ET	10PF 5% SL 3KV TDK	0	PCS
405	C205	65G 3J5096ET	5PF 5% SL 3KV	1	PCS
406	C209	65G 3J5096ET	5PF 5% SL 3KV	1	PCS

407	C237	65G 3J5096ET	5PF 5% SL 3KV	1	PCS
408	C239	65G 3J5096ET	5PF 5% SL 3KV	1	PCS
409	C904	65G306M1022BP	1000PF 400VAC/250VAC Y1	1	PCS
410	C913	65G306M1022BP	1000PF 400VAC/250VAC Y1	1	PCS
411	C921	65G306M2222BP	2200PF Y1 400 20% BY UK	1	PCS
412	C201	67G215H102 3N	KY16VB1000M-1 10*20	1	PCS
413	C225	67G215H102 3N	KY16VB1000M-1 10*20	1	PCS
414	C914	67G215H102 3N	KY16VB1000M-1 10*20	1	PCS
415	C915	67G215H102 3N	KY16VB1000M-1 10*20	1	PCS
416	C929	67G215H102 3N	KY16VB1000M-1 10*20	1	PCS
417	C930	67G215H102 3N	KY16VB1000M-1 10*20	1	PCS
418	C201	67G215H102 3R	RUBYCON 1000UF 10*20	0	PCS
419	C225	67G215H102 3R	RUBYCON 1000UF 10*20	0	PCS
420	C914	67G215H102 3R	RUBYCON 1000UF 10*20	0	PCS
421	C915	67G215H102 3R	RUBYCON 1000UF 10*20	0	PCS
422	C929	67G215H102 3R	RUBYCON 1000UF 10*20	0	PCS
423	C930	67G215H102 3R	RUBYCON 1000UF 10*20	0	PCS
424	C926	67G215L471 3N	470UF/16V	1	PCS
425	C926	67G215L471 3R	470UF/16V	0	PCS
426	C905	67G215S10115N	1000/450PAG450VB100M-L 1	0	PCS
427	C905	67G215S10115Q	LOWESR EC 100UF 450V PAG	1	PCS
428	L903	73G 253 91 LS	CHOKER COIL	1	PCS
429	L101	73G 253152 T	CHOKER COIL	1	PCS
430	L904	73L 174 40 LG	LINE FILTER	0	PCS
431	L904	73L 174 40 TG	LINE FILTER	0	PCS
432	L904	73L 174 40LSG	LINE FILTER	1	PCS
433	L902	73L 174 53 LG GP	LINE FILTER	1	PCS
434	PT201	80LL17T 16DNG	TRANSFORMER	1	PCS
435	PT202	80LL17T 16DNG	TRANSFORMER	1	PCS
436	T901	80LL19T 6 LG	贴片变压器	0	PCS
437	T901	80LL19T 6 TG	贴片变压器	1	PCS
438	F901	84G 7H200 SL	250V/2A FUSE	1	PCS
439	CN301	88G 30210K E	耳机插座	1	PCS
440	BD901	93G 50460 16	BRIDGE 4A 800V U4KB80R	1	PCS
441	C261	95G 90 23	TINCOATEDCOPPER	1	PCS
442	C263	95G 90 23	TINCOATEDCOPPER	1	PCS
443	CN304	95G8013 3 31	WIRE HARNESS	1	PCS
444	CN902	95G8021 12518	WIRE HARNESS	1	PCS
445		705G 560 61 06	R903 ASS'Y (ROHS)	1	PCS
446		705G 780 57 51	Q901 ASS'Y	1	PCS
447		705G 980 87 02	CN901 ASS'Y	1	PCS

448		705G 980 93 04	D910/D911 ASS'Y	1	PCS
449	PARENT NO :	PW1942HSOTSMTP POWER BOARD FOR SMT			
450		PW1942HSOTAIP	POWER BOARD FOR AI	1	PCS
451	IC901	56G 379 33	SG6841SZ (无铅品名)	1	PCS
452	IC101	56G 379 37	IC FP5001DR-LF	1	PCS
453	IC201	56G 608 7	OZT1060GN	1	PCS
454	Q102	57G 417 4	PMBS3904/PLILIPS	1	PCS
455	Q206	57G 417 4	PMBS3904/PLILIPS	1	PCS
456	Q902	57G 417 4	PMBS3904/PLILIPS	1	PCS
457	Q103	57G 417 6	PMBS3906 PNP	1	PCS
458	Q903	57G 417 6	PMBS3906 PNP	1	PCS
459	Q204	57G 600 40	MOSFET SP8M3FD5TB SOP-8	0	PCS
460	Q208	57G 600 40	MOSFET SP8M3FD5TB SOP-8	0	PCS
461	Q209	57G 600 40	MOSFET SP8M3FD5TB SOP-8	0	PCS
462	Q210	57G 600 40	MOSFET SP8M3FD5TB SOP-8	0	PCS
463	Q204	57G 60040A	MOSFET AM4512C-T1-PF SO-	1	PCS
464	Q208	57G 60040A	MOSFET AM4512C-T1-PF SO-	1	PCS
465	Q209	57G 60040A	MOSFET AM4512C-T1-PF SO-	1	PCS
466	Q210	57G 60040A	MOSFET AM4512C-T1-PF SO-	1	PCS
467	Q211	57G 759 2	TRANSISTOR RK7002 SOT-3	1	PCS
468	Q212	57G 759 2	TRANSISTOR RK7002 SOT-3	1	PCS
469	Q213	57G 759 2	TRANSISTOR RK7002 SOT-3	1	PCS
470	Q214	57G 759 2	TRANSISTOR RK7002 SOT-3	1	PCS
471	Q215	57G 759 2	TRANSISTOR RK7002 SOT-3	1	PCS
472	Q205	57G 760 4	DTA144WKA	0	PCS
473	Q207	57G 760 5	DTC144WKA	0	PCS
474	Q205	57G 760 4B	PDTA144WK SOT 346	1	PCS
475	Q207	57G 760 5B	PDTC144WK SOT 346	1	PCS
476	Q101	57G 763 3	A04411L	1	PCS
477	C103	61L0805000	Chip Resistors 00HM	1	PCS
478	L302	61L0805000	Chip Resistors 00HM	1	PCS
479	R206	61L0805000	Chip Resistors 00HM	1	PCS
480	R214	61L0805000	Chip Resistors 00HM	1	PCS
481	R230	61L0805000	Chip Resistors 00HM	1	PCS
482	R235	61L0805000	Chip Resistors 00HM	1	PCS
483	R240	61L0805000	Chip Resistors 00HM	1	PCS
484	R242	61L0805000	Chip Resistors 00HM	1	PCS
485	R923	61L0805000	Chip Resistors 00HM	1	PCS
486	R925	61L0805000	Chip Resistors 00HM	1	PCS
487	R909	61L0805100	CHIPR 10 OHM +-5% 1/8W	1	PCS
488	R216	61L0805100 4F	CHIPR 1M OHM +-1% 1/8W	1	PCS

489	R114	61L0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
490	R205	61L0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
491	R218	61L0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
492	R239	61L0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
493	R922	61L0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
494	R924	61L0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
495	R928	61L0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
496	R203	61L0805103	CHIPR 10KOHM+-5%1/8W	1	PCS
497	R204	61L0805103	CHIPR 10KOHM+-5%1/8W	1	PCS
498	R207	61L0805103	CHIPR 10KOHM+-5%1/8W	1	PCS
499	R237	61L0805104	CHIPR 100K OHM +-5% 1/8W	1	PCS
500	R223	61L0805105	CHIP 1M OHM 5% 1/8W	1	PCS
501	R231	61L0805105	CHIP 1M OHM 5% 1/8W	1	PCS
502	R238	61L0805105	CHIP 1M OHM 5% 1/8W	1	PCS
503	R241	61L0805105	CHIP 1M OHM 5% 1/8W	1	PCS
504	R243	61L0805105	CHIP 1M OHM 5% 1/8W	1	PCS
505	R111	61L0805153	CHIPR 15K OHM +-5% 1/8W	1	PCS
506	R212	61L0805153	CHIPR 15K OHM +-5% 1/8W	1	PCS
507	R228	61L0805153	CHIPR 15K OHM +-5% 1/8W	1	PCS
508	R245	61L0805155	CHIP 1.5M OHM 5% 1/8W	1	PCS
509	R912	61L0805203	CHIPR 20KOHM +-5% 1/8W	1	PCS
510	R225	61L0805205	CHIP 2M OHM 5% 1/8W	1	PCS
511	R115	61L0805220	CHIP 220HM 5% 1/8W	1	PCS
512	R209	61L0805220	CHIP 220HM 5% 1/8W	1	PCS
513	R220	61L0805220	CHIP 220HM 5% 1/8W	1	PCS
514	R201	61L0805222	CHIPR 2.2K OHM +-5% 1/8W	1	PCS
515	R911	61L0805240 2F	CHIP 24KOHM 1% 1/8W	1	PCS
516	R927	61L0805243 1F	CHIP 2.43KOHM 1/8W 1%	1	PCS
517	R112	61L0805272	CHIP 2.7K OHM 1/8W	1	PCS
518	R236	61L0805274	270K OHM 1/8W	1	PCS
519	R109	61L0805302	CHIP 3KOHM+-5% 1/8W	1	PCS
520	C232	61L0805303	CHIP 30K OHM	1	PCS
521	R226	61L0805304	300K OM 1/8W	1	PCS
522	R116	61L0805332	CHIP 3.3KOHM +-5% 1/8W	1	PCS
523	R106	61L0805333	CHIP 33KOHM 1% 1/8W	1	PCS
524	R221	61L0805333	CHIP 33KOHM 1% 1/8W	1	PCS
525	R213	61L0805362	CHIP 3.6KOHM 1/8W	1	PCS
526	R229	61L0805362	CHIP 3.6KOHM 1/8W	1	PCS
527	R110	61L0805365 1F	SMD 3.65KOHM/0805/+-1%	1	PCS
528	R210	61L0805431	CHIP 430OHM 5% 0805 1/8	1	PCS
529	R215	61L0805431	CHIP 430OHM 5% 0805 1/8	1	PCS

530	R227	61L0805431	CHIP 4300HM 5% 0805 1/8	1	PCS
531	R234	61L0805431	CHIP 4300HM 5% 0805 1/8	1	PCS
532	R246	61L0805431	CHIP 4300HM 5% 0805 1/8	1	PCS
533	R247	61L0805431	CHIP 4300HM 5% 0805 1/8	1	PCS
534	R113	61L0805470	CHIP 47 OHM 1/10W	1	PCS
535	R916	61L0805472	CHIPR 4.7K OHM +-5% 1/8W	1	PCS
536	R918	61L0805472	CHIPR 4.7K OHM +-5% 1/8W	1	PCS
537	R108	61L0805473	CHIPR 47K OHM +-5% 1/8W	1	PCS
538	R222	61L0805513	CHIP 51KOHM 1/8W	1	PCS
539	R217	61L0805619 2F	CHIPR 62KOHM +-1% 1/8W	1	PCS
540	R926	61L0805931 1F	CHIP 9.31KOHM 1/8W 1%	1	PCS
541	D205	61L1206000	CHIPR 0OHM+-5% 1/4W	1	PCS
542	R202	61L1206000	CHIPR 0OHM+-5% 1/4W	1	PCS
543	R919	61L1206000	CHIPR 0OHM+-5% 1/4W	1	PCS
544	R929	61L1206101	CHIP 100 OHM 5% 1/4W	1	PCS
545	R904	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
546	R905	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
547	R906	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
548	R907	61L1206105	CHIP 1MOHM 5% 1/4W	1	PCS
549	R913	61L1206203	20K OHM 5% 1/4W	1	PCS
550	R910	61L1206221	CHIP 220 OHM 1/4W	1	PCS
551	R921	61L1206301	CHIP 3000HM 1/4W	1	PCS
552	R915	61L1206303	CHIP 30K OHM 1% 1/4W	1	PCS
553	R900	61L1206394	CHIPR 390KOHM +-5% 1/4W	1	PCS
554	R901	61L1206394	CHIPR 390KOHM +-5% 1/4W	1	PCS
555	R902	61L1206394	CHIPR 390KOHM +-5% 1/4W	1	PCS
556	R244	61L1206471	CHIPR 470 OHM +-5% 1/4W	1	PCS
557	R908	61L1206519	CHIPR 5.1OHM +-5% 1/4W	1	PCS
558	C910	65G0805102 31	1000PF 50V NPO	1	PCS
559	C931	65G0805102 31	1000PF 50V NPO	1	PCS
560	C104	65G0805104 22	CHIP 0.1UF 25VX7R 0805	1	PCS
561	C107	65G0805104 22	CHIP 0.1UF 25VX7R 0805	1	PCS
562	C114	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
563	C115	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
564	C202	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
565	C210	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
566	C211	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
567	C212	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
568	C217	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
569	C226	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
570	C227	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS

571	C229	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
572	C235	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
573	C240	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
574	C243	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
575	C245	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
576	C246	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
577	C247	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
578	C908	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
579	C911	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
580	C912	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
581	C917	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
582	C918	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
583	C920	65G0805104 32	CHIP 0.1UF 50V X7R 0805	1	PCS
584	C213	65G0805105 37	CHIP 1UF 50V Y5V	1	PCS
585	C219	65G0805105 37	CHIP 1UF 50V Y5V	1	PCS
586	C222	65G0805105 37	CHIP 1UF 50V Y5V	1	PCS
587	C215	65G0805152 22	CHIP 0.005UF 25V X7R 08	1	PCS
588	C241	65G0805152 22	CHIP 0.005UF 25V X7R 08	1	PCS
589	C220	65G080522131G	220PF 50V	1	PCS
590	C224	65G0805222 22	CHIP 0.0022UF 25V X7R	1	PCS
591	C244	65G0805225 27	2.2UF	1	PCS
592	C216	65G0805332 32	3200PF/25V/X7R	1	PCS
593	C242	65G0805332 32	3200PF/25V/X7R	1	PCS
594	C924	65G0805334 22	0.33UF+-10% 25V X7R 080	1	PCS
595	C909	65G0805471 21	CHIP 470PF 25V NP0 0805	1	PCS
596	C214	65G0805473 22	47NF /25V X7R	1	PCS
597	C230	65G0805473 22	47NF /25V X7R	1	PCS
598	C221	65G0805474 22	CHIP 0.47UF 25V Y5V 0805	1	PCS
599	C248	65G0805681 22	CHIP 0.00068UF 25V X7R	1	PCS
600	C228	65G0805682 32	CHIP 6.8nF 50V X7R 0805	1	PCS
601	C265	65G1206105 32	CHIP 1UF 50V X7R 1206	1	PCS
602	C266	65G1206105 32	CHIP 1UF 50V X7R 1206	1	PCS
603	C267	65G1206105 32	CHIP 1UF 50V X7R 1206	1	PCS
604	C268	65G1206105 32	CHIP 1UF 50V X7R 1206	1	PCS
605	C203	65G1206225 17	1206 2.2UF -20%~+80% 16	1	PCS
606	C206	65G1206225 17	1206 2.2UF -20%~+80% 16	1	PCS
607	C207	65G1206225 17	1206 2.2UF -20%~+80% 16	1	PCS
608	C231	65G1206225 17	1206 2.2UF -20%~+80% 16	1	PCS
609	C233	65G1206225 17	1206 2.2UF -20%~+80% 16	1	PCS
610	C234	65G1206225 17	1206 2.2UF -20%~+80% 16	1	PCS
611	F201	84G 52 2	CHIP FUSE	1	PCS

612	D208	93G 6432P	LL4148 MINI-MELF/LL-34	0	PCS
613	D903	93G 6432P	LL4148 MINI-MELF/LL-34	0	PCS
614	D208	93G 6432S	1N4148W DIODE	1	PCS
615	D903	93G 6432S	1N4148W DIODE	1	PCS
616	D201	93G 6433P	BAV99 SOT-23	1	PCS
617	D202	93G 6433P	BAV99 SOT-23	1	PCS
618	D203	93G 6433P	BAV99 SOT-23	1	PCS
619	D204	93G 6433P	BAV99 SOT-23	1	PCS
620	D206	93G 6433P	BAV99 SOT-23	1	PCS
621	D207	93G 6433P	BAV99 SOT-23	1	PCS
622	D209	93G 6433P	BAV99 SOT-23	1	PCS
623	D210	93G 6433P	BAV99 SOT-23	1	PCS
624	ZD902	93G 39S 17 T	RLZ12B LLDS	1	PCS
625	ZD201	93G 39S 24 T	RLZ5.6B ROHM	1	PCS
626	ZD202	93G 39S 24 T	RLZ5.6B ROHM	1	PCS
627	ZD203	93G 39S 24 T	RLZ5.6B ROHM	1	PCS
628	ZD901	93G 39S 59 T	MTZS05-24-G SOD-123	0	PCS
629	ZD901	93G 39S505	ZENER DIODE TZMC24	1	PCS
630	D101	93G3004 2	SR34 DO-214AA	1	PCS
631	D101	93G3004 4	DIODE RB050L-40	0	PCS
632	PARENT NO : PW1942HSOTAIP POWER BOARD FOR AI				
633	CN901	6G 31501	铆钉	2	PCS
634	C905	6G 31502	1.5MM RIVET	2	PCS
635	F901	6G 31502	1.5MM RIVET	2	PCS
636	L902	6G 31502	1.5MM RIVET	4	PCS
637	L904	6G 31502	1.5MM RIVET	4	PCS
638	NR901	6G 31502	1.5MM RIVET	2	PCS
639	PT201	6G 31502	1.5MM RIVET	2	PCS
640	PT202	6G 31502	1.5MM RIVET	2	PCS
641	Q901	6G 31502	1.5MM RIVET	1	PCS
642	T901	6G 31502	1.5MM RIVET	4	PCS
643	VAR901	6G 31502	1.5MM RIVET	2	PCS
644	IC903	56G 158 4 T	H431BA	0	PCS
645	IC903	56G 158 10 T	IC AZ431AZ-AE1 TO-92	1	PCS
646	R208	61G212Y305 KT	MGFR 3M OHM +-5% 1/2W	1	PCS
647	R224	61G212Y305 KT	MGFR 3M OHM +-5% 1/2W	1	PCS
648	C906	65G 2K152 1T6921	1.5NF/2KV Y5P +-10%	1	PCS
649	C925	65G517K102 5T	1000PF 10% Y5P 500V	1	PCS
650	C922	67G 2151007NT	10UF 50V	1	PCS
651	C907	67G 2152207NT	22UF/50V	1	PCS
652	JP204	71G 55 19 T	FERRITE BEAD	1	PCS

653	FB901	71G 55 29	Φ 3.5*Φ 0.8*2.2\ 100MM>	1	PCS
654	J919	71G 55 29	Φ 3.5*Φ 0.8*2.2\ 100MM>	1	PCS
655	D901	93G 6026W52T	FR107 D0-41 1000V/1A	1	PCS
656	D902	93G 6038P52T	PS102R D0-41 200V/1A	1	PCS
657	D904	93G 64 1152T	DIODE 1N4148 D0-35	1	PCS
658	C260	95G 90 23	TINCOATEDCOPPER	0	PCS
659	C264	95G 90 23	TINCOATEDCOPPER	0	PCS
660	FB101	95G 90 23	TINCOATEDCOPPER	0	PCS
661	J032	95G 90 23	TINCOATEDCOPPER	0	PCS
662	J036	95G 90 23	TINCOATEDCOPPER	0	PCS
663	J050	95G 90 23	TINCOATEDCOPPER	0	PCS
664	J051	95G 90 23	TINCOATEDCOPPER	0	PCS
665	J054	95G 90 23	TINCOATEDCOPPER	0	PCS
666	J204	95G 90 23	TINCOATEDCOPPER	0	PCS
667	J205	95G 90 23	TINCOATEDCOPPER	0	PCS
668	J206	95G 90 23	TINCOATEDCOPPER	0	PCS
669	J207	95G 90 23	TINCOATEDCOPPER	0	PCS
670	J208	95G 90 23	TINCOATEDCOPPER	0	PCS
671	J209	95G 90 23	TINCOATEDCOPPER	0	PCS
672	J210	95G 90 23	TINCOATEDCOPPER	0	PCS
673	J211	95G 90 23	TINCOATEDCOPPER	0	PCS
674	J212	95G 90 23	TINCOATEDCOPPER	0	PCS
675	J213	95G 90 23	TINCOATEDCOPPER	0	PCS
676	J214	95G 90 23	TINCOATEDCOPPER	0	PCS
677	J215	95G 90 23	TINCOATEDCOPPER	0	PCS
678	J216	95G 90 23	TINCOATEDCOPPER	0	PCS
679	J217	95G 90 23	TINCOATEDCOPPER	0	PCS
680	J218	95G 90 23	TINCOATEDCOPPER	0	PCS
681	J219	95G 90 23	TINCOATEDCOPPER	0	PCS
682	J220	95G 90 23	TINCOATEDCOPPER	0	PCS
683	J221	95G 90 23	TINCOATEDCOPPER	0	PCS
684	J222	95G 90 23	TINCOATEDCOPPER	0	PCS
685	J223	95G 90 23	TINCOATEDCOPPER	0	PCS
686	J232	95G 90 23	TINCOATEDCOPPER	0	PCS
687	J234	95G 90 23	TINCOATEDCOPPER	0	PCS
688	J235	95G 90 23	TINCOATEDCOPPER	0	PCS
689	J236	95G 90 23	TINCOATEDCOPPER	0	PCS
690	J237	95G 90 23	TINCOATEDCOPPER	0	PCS
691	J238	95G 90 23	TINCOATEDCOPPER	0	PCS
692	J239	95G 90 23	TINCOATEDCOPPER	0	PCS
693	J240	95G 90 23	TINCOATEDCOPPER	0	PCS

694	J241	95G 90 23	TINCOATEDCOPPER	0	PCS
695	J242	95G 90 23	TINCOATEDCOPPER	0	PCS
696	J901	95G 90 23	TINCOATEDCOPPER	0	PCS
697	J902	95G 90 23	TINCOATEDCOPPER	0	PCS
698	J903	95G 90 23	TINCOATEDCOPPER	0	PCS
699	J904	95G 90 23	TINCOATEDCOPPER	0	PCS
700	J905	95G 90 23	TINCOATEDCOPPER	0	PCS
701	J907	95G 90 23	TINCOATEDCOPPER	0	PCS
702	J908	95G 90 23	TINCOATEDCOPPER	0	PCS
703	J909	95G 90 23	TINCOATEDCOPPER	0	PCS
704	J910	95G 90 23	TINCOATEDCOPPER	0	PCS
705	J911	95G 90 23	TINCOATEDCOPPER	0	PCS
706	J916	95G 90 23	TINCOATEDCOPPER	0	PCS
707	J917	95G 90 23	TINCOATEDCOPPER	0	PCS
708	J918	95G 90 23	TINCOATEDCOPPER	0	PCS
709	J920	95G 90 23	TINCOATEDCOPPER	0	PCS
710		715G1349 2 IO	PCB	1	PCS
711	PARENT NO : 705G 560 61 06 R903 ASS' Y (ROHS)				
712	R903	61G152M10458G	100K OHM 5% 2W	1	PCS
713		96G 29 6	SHRINK TUBE UL/CSA	1	PCS
714	PARENT NO : 705G 780 57 51 Q901 ASS' Y				
715		51G 200 1	散热油	2	G
716	Q901	57G 600 35	POWER MOSFET STP8NK80ZFP	1	PCS
717	Q901	57G 667 20	AP2761I-A TO-220CFM	0	PCS
718		90G 415505	HEATSHINK	1	PCS
719	XN01A	M1G1730 8120	SCREW	1	PCS
720	PARENT NO : 705G 980 87 02 CN901 ASS' Y				
721		87G 501 12 CJ	AC SOCKET	1	PCS
722		95G 900701 D	WIRE HARNESS	0	PCS
723		95G 900701 X	WIRE HARNESS	1	PCS
724		96G 29 6	SHRINK TUBE UL/CSA	1	PCS
725	PARENT NO : 705G 980 93 04 D910/D911 ASS' Y				
726		51G 200 1	散热油	2	G
727		90G6081 1	HEAT SINK	1	PCS
728	D910	93G 60242	SRF20150C TO-220	1	PCS
729	D911	93G 60242	SRF20150C TO-220	1	PCS
730	XN01A	M1G1730 8120	SCREW	2	PCS