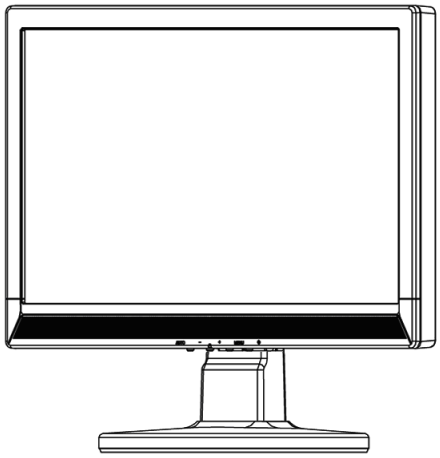
Service
Service
Service



Service Manual

Horizontal Frequency
30kHz – 60kHz

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SAFETY NOTICE

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

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

Revision List

Revision	Date	Revision History	TPV Model
A00	Dec.-17-08	Initial Release	T6RMM5NCWXFBAN
			T6RMM5NCWXFYAN

Important Safety Notice

Proper service and repair is important to the safe, reliable operation of all AOC Company Equipment. The service procedures recommended by AOC and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It is also important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. AOC could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, AOC has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by AOC must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.
Hereafter throughout this manual, AOC Company will be referred to as AOC.

WARNING

Use of substitute replacement parts, which do not have the same, specified safety characteristics may create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from AOC. AOC assumes no liability, express or implied, arising out of any unauthorized modification of design.
Servicer assumes all liability.

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

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

1. Monitor Specifications

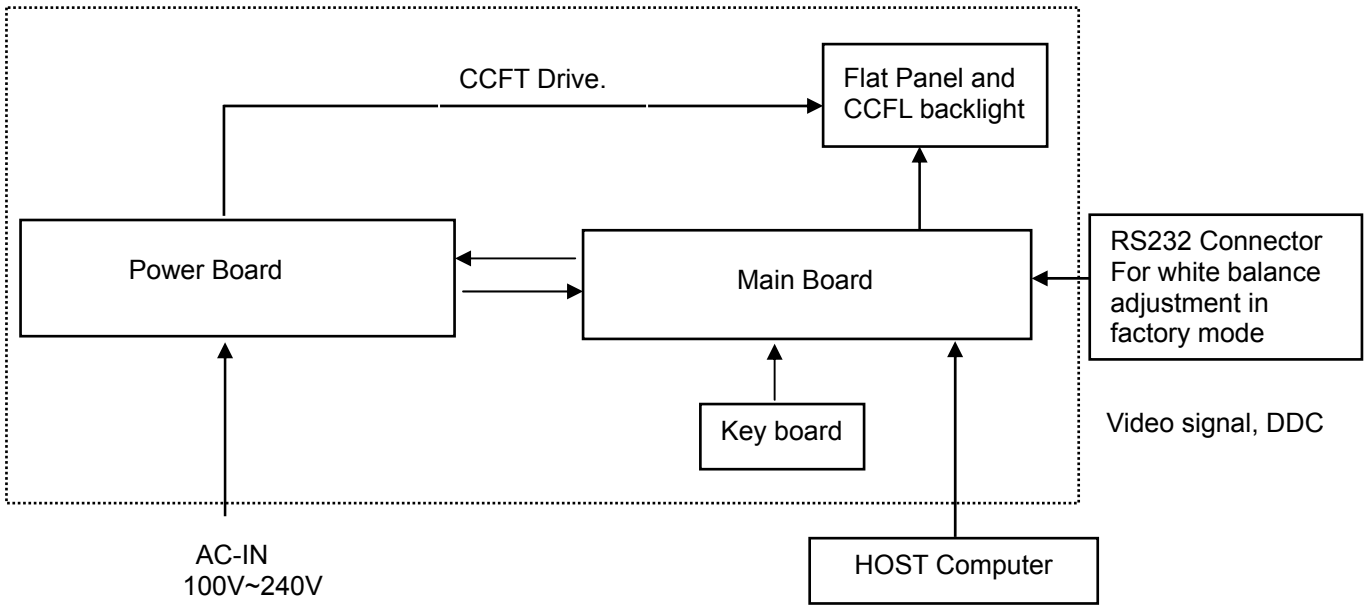
LCD Panel	Driving system	15.6” wide TFT Color LCD
	Size	395mm diagonal
	Pixel pitch	0.252mm(H)x 0.252mm(V)
	Video	R,G,B Analog Interface
Input	Separate Sync.	H/V TTL
	H-Frequency	30kHz – 60kHz
	V-Frequency	55Hz-75Hz
Display Colors		16.7M Colors
Dot Clock		85.5MHz
Max. Resolution		1366 x 768@75Hz
Plug & Play		VESA DDC2B™
Power Consumption	ON Mode	≤28W
	OFF Mode	≤1W
Input Connector		D-Sub 15pin
Input Video Signal		Analog: 0.7Vp-p(standard), 75 OHM, Positive
Maximum Screen Size		Horizontal: 344.2mm
		Vertical: 193.5mm
Power Source		100~240VAC, 50~60Hz
Environmental Considerations		Operating Temp: 5°C to 35°C
		Storage Temp.: -20°C to 60°C
		Operating Humidity: 15% to 90%
Weight (N. W.)		2.7kg
Dimensions		376.3 (W) x 304.4 (H) x 190 (D)mm
Power Consumption (Max)		28 Watts
Regulatory Compliance		CCC

2. LCD Monitor Description

The LCD monitor will contain a main board, a power board and a key 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.

Monitor Block Diagram



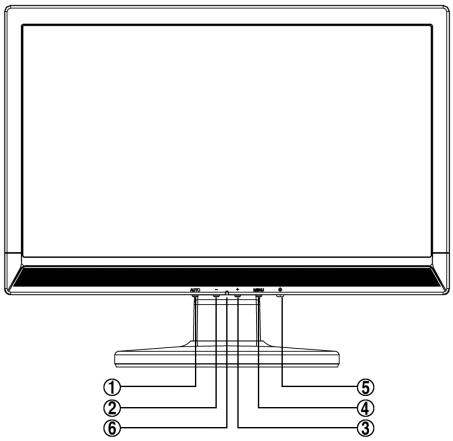
3. Operating Instructions

General Instructions

Press the power button to turn the monitor on or off. The other control buttons are located on the side 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.

3.1 Control Buttons



External Control Button

1.	**Auto Config / Exit**
2.	**- / volume**
3.	**+ / volume**
4.	**MENU / ENTER**
5.	**Power Button**
6.	**Power Indicator**

Front Panel Control

- **Power Button /Power Indicator:**

Press this button to switch ON/OFF of monitor’s power.

Green — Power On mode

Orange — Off mode

- **MENU / ENTER:**

Active OSD menu or function adjust confirm or Exit OSD menu when in Brightness/Contrast OSD status.

- **- /Volume:**

Activates the volume control when the OSD is OFF or navigate through adjustment icons when OSD is ON or adjust a function when function is activated.

- **+ /Volume:**

Activates the volume control when the OSD is OFF or navigate through adjustment icons when OSD is ON or adjust a function when function is activated.

- **Auto Adjust button / Exit:**

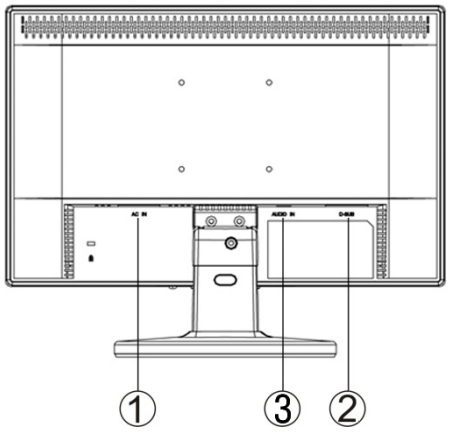
1. When OSD menu is in active status, this button will act as EXIT-KEY (EXIT OSD menu).
2. When OSD menu is in off status, press this button to activate the Auto Adjustment function.

The Auto Adjustment function is used to optimized the HPos, VPos, Clock and Focus.

OSD Lock Function: To lock the OSD, press and hold the MENU button while the monitor is off and then press power button to turn the monitor on. To un-lock the OSD - press and hold the MENU button while the monitor is off and then press power button to turn the monitor on.

3.2 Attaching the Cables

Cable Connections on back of Monitor



Connecting Cables

1.	**Power input socket**
2.	**Signal input socket**
3.	**Audio Cable**

Connecting the Signal Cable: Plug one end of the 15-pin signal cable′s into the back of the monitor. The other end plugs into the computer's VGA port.

Connecting the Power Cord: Plug the AC-power cord one end to LCD monitor’s AC input socket, the other end to Wall outlet.

Caution: If the AC outlet is not grounded (with three holes), install the proper grounding adapter (not supplied).

3.3 Adjusting the Picture

1. Press the MENU-button to activate the OSD window.
2. Press - or + to navigate through the functions. Once the desired function is highlighted, press the MENU-button to activate it. If the function selected has a sub-menu, press - or + again to navigate through the sub-menu functions. Once the desired function is highlighted, press MENU-button to activate it.
3. Press - or + to change the settings of the selected function.
4. To exit and save, select the exit function. If you want to adjust any other function, repeat steps 2-3.

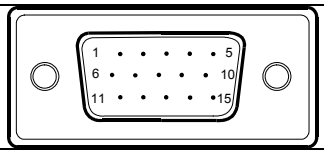
The OSD Message

Main Menu Item	Main Menu Icon	Sub Menu Item	Sub Menu Icon	Description
Luminance		Brightness		Backlight Adjustment
		Contrast		Contrast from Digital-register.
		Eco	Standard	Standard Mode
			Text	Text Mode
			Internet	Internet Mode
			Game	Game Mode
			Movie	Movie Mode
			Sports	Sports Mode
		Gamma	Gamma1	Adjust to Gamma 1
			Gamma2	Adjust to Gamma 2
			Gamma3	Adjust to Gamma 3
		DCR	Off	Disable dynamic contrast ratio
			On	Enable dynamic contrast ratio
Image Setup		Clock		Adjust picture Clock to reduce Horizontal-Line noise.
		Focus		Adjust Picture Phase to reduce Vertical-Line noise.
		H. Position		Adjust the horizontal position of the picture.
		V. Position		Adjust the vertical position of the picture.

Main Menu Item	Main Menu Icon	Sub Menu Item	Sub Menu Icon	Description
Color Temp.		Warm		Recall Warm Color Temperature from EEPROM.
		Normal		Recall Normal Color Temperature from EEPROM.
		Cool		Recall Cool Color Temperature from EEPROM.
		sRGB		Recall SRGB Color Temperature from EEPROM.
		User	User-B	Blue Gain from Digital-register
			User-G	Green Gain from Digital-register.
			User-R	Red Gain from Digital-register
			User-Y	Yellow Gain from Digital-register
			User-C	Cyan Gain from Digital-register
			User-M	Magenta Gain from Digital-register
Color Boost		Full Enhance	on or off	Disable or Enable Full Enhance Mode
		Nature Skin	on or off	Disable or Enable Nature Skin Mode
		Green Field	on or off	Disable or Enable Green Field Mode
		Sky-blue	on or off	Disable or Enable Sky-blue Mode
		AutoDetect	on or off	Disable or Enable AutoDetect Mode
		Demo	on or off	Disable or Enable Demo
Picture Boost		Frame Size		Adjust Frame Size
		Brightness		Adjust Frame Brightness
		Contrast		Adjust Frame Contrast
		Hue		Adjust Frame Hue
		Saturation		Adjust Frame Saturation
		Position		Adjust Frame Position
		Bright Frame	on or off	Disable or Enable Bright Frame
OSD Setup		H. Position		Adjust the horizontal position of OSD
		V. Position		Adjust the vertical position of OSD
		Timeout		Adjust the OSD Timeout
		Language		Select the OSD language
Extra		Auto Config		Auto adjust the picture to default
		DDC/CI		Turn ON/OFF DDC/CI Support
		Reset	yes or no	Reset the menu to default
		Information		Show the information of the main image and sub-image source

4. Input/Output Specification

4.1 Input Signal Connector

Pin No.	Description	Pin No.	Description
1.	Red	9.	+5V
2.	Green	10.	Ground
3.	Blue	11.	Ground
4.	Ground	12.	DDC-Serial Data
5.	Detect Cable	13.	H-Sync
6.	R-Ground	14.	V-Sync
7.	G-Ground	15.	DDC-Serial Clock
8.	B-Ground		
15 - Pin Color Display Signal Cable			
			

4.2 Factory Preset Display Modes

Standard	Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
DOS-Mode	720 x 400	31.47	70.0
VGA	640 × 480	31.47	60.0
	640 × 480	35.00	66.6
	640 × 480	37.50	75.0
	640 × 480	37.861	72.8
SVGA	800 × 600	35.156	56.3
	800 × 600	37.879	60.0
	800 × 600	48.077	72.2
	800 × 600	46.875	75.0
	832 x 624	49.725	75.0
XGA	1024 × 768	48.363	60.0
	1024 × 768	56.476	70.0
	1024 × 768	60.02	75.0
WXGA	1366 × 768	47.712	59.79

4.3 Panel Specification

M156B1-L01 is a 15.6” TFT Liquid Crystal Display module with 2 CCFL Backlight unit and 30pin 1ch-LVDS interface. This module supports 1366 x 768 WXGA mode and can display up to 16.7M colors. The inverter module for Backlight is not built in.

4.3.1 General Specifications

Item	Specification	Unit
Active Area	344.232(H) × 193.536(V) (15.6” diagonal)	mm
Bezel Opening Area	347.5(H)x196.8(V)	mm
Driver Element	a-Si TFT active matrix	-
Pixel Number	1366 x R.G.B. x 768	pixel
Pixel Pitch	0.252 (H) x 0.252 (V)	mm
Pixel Arrangement	RGB vertical stripe	-
Display Colors	16.7M	color
Transmissive Mode	Normally White	-
Surface Treatment	AG type, 3H hard coating, Haze 25	-

4.3.2 Optical Characteristics

Item		Symbol	Condition	Min.	Typ.	Max.	Unit
Color Chromaticity (CIE 1931)	Red	Rx	θ_x=0°, θ_Y =0° CS-1000T	Typ - 0.03	0.638	Typ + 0.03	-
		Ry			0.333		
	Green	Gx			0.290		
		Gy			0.591		
	Blue	Bx			0.153		
		By			0.082		
	White	Wx		0.283	0.313	0.343	
		Wy		0.299	0.329	0.359	
Center Luminance of White (Center of Screen)		L_C		210	250	-	cd/m^2
Contrast Ratio		CR		350	500	-	-
Response Time		T_R	θ_x=0°, θ_Y =0°	-	2	4	ms
		T_F		-	6	12	
		$T_{GtG\ AVE}$		-	-		
White Variation		δW	θ_x=0°, θ_Y =0° USB2000	-	1.4	1.5	-
Viewing Angle	Horizontal	θ_x+	CR ≧ 5 USB2000	50	55	-	Deg.
		θ_x-		50	55	-	
	Vertical	θ_Y+		25	30	-	
		θ_Y-		50	55	-	
Viewing Angle	Horizontal	θ_x+	CR ≧ 10 USB2000	40	45	-	Deg.
		θ_x-		40	45	-	
	Vertical	θ_Y+		15	20	-	
		θ_Y-		40	45	-	

4.3.3 Electrical Characteristics

TFT LCD Module:

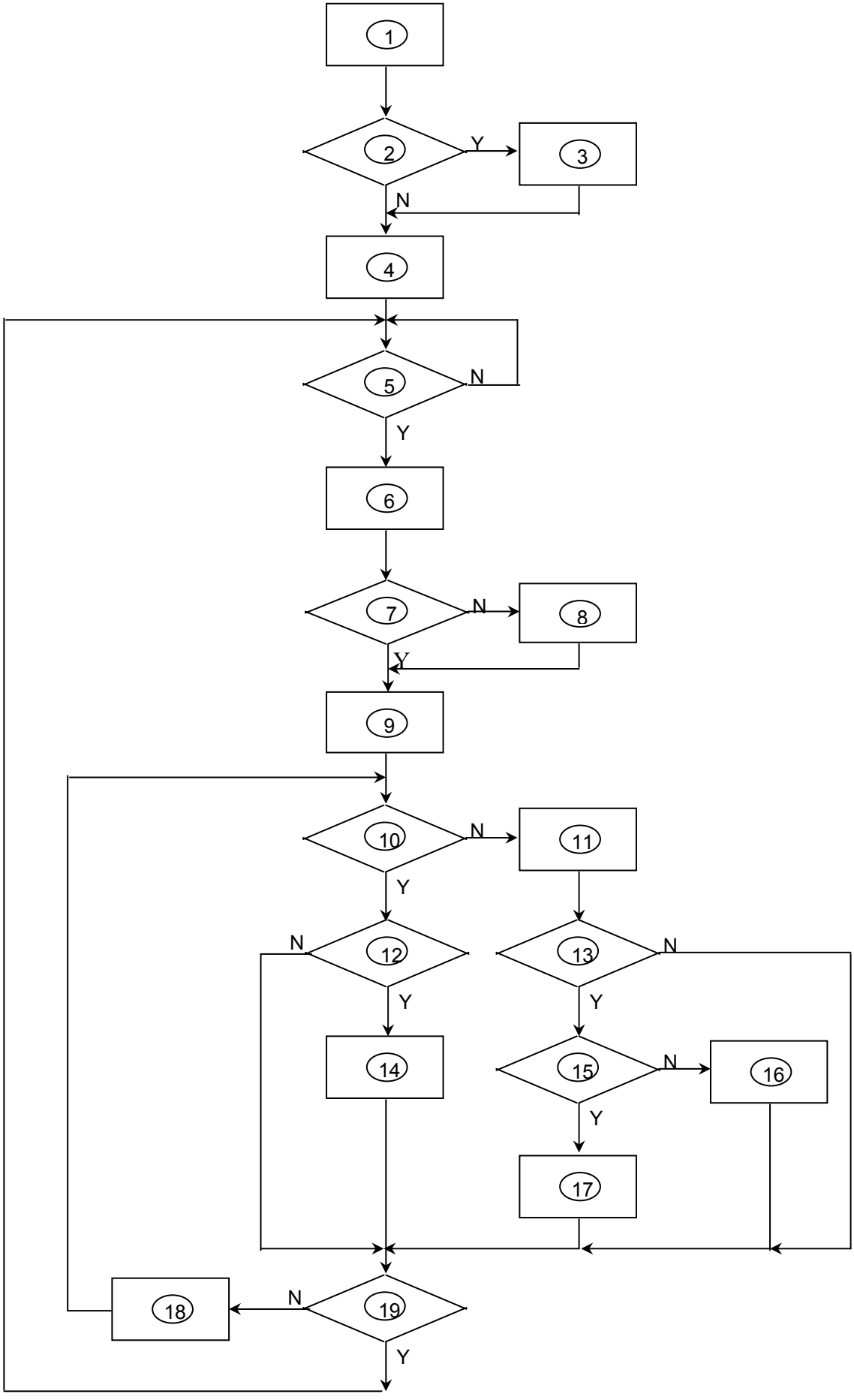
Parameter		Symbol	Value			Unit
			Min.	Typ.	Max.	
Power Supply Voltage		Vcc	4.5	5.0	5.5	V
Ripple Voltage		V_{RP}	-	-	100	mV
Rush Current		I_{RUSH}			1.5	A
Power Supply Current	White	-		0.3	0.35	A
	Black	-		0.35	0.41	A
	Vertical Stripe	-		0.4	0.45	A
LVDS differential input voltage		Vid	100	-	600	mV
LVDS common input voltage		Vic	-	1.2	-	V

Back Light Unit:

Parameter	Symbol	Value			Unit
		Min.	Typ.	Max.	
Lamp Input Voltage	V_L	585	650	715	V_{RMS}
Lamp Current	I_L	3.0	7.0	8.0	mA_{RMS}
Lamp Turn On Voltage	V_S			1200 (0℃)	V_{RMS}
				1100 (25℃)	V_{RMS}
Operating Frequency	F_L	50	55	60	KHz
		40	55	80	KHz
Lamp Life Time	L_{BL}	40,000	50,000		Hrs
Power Consumption	P_L		9.24		W

5. Block Diagram

5.1 Software Flow Chart

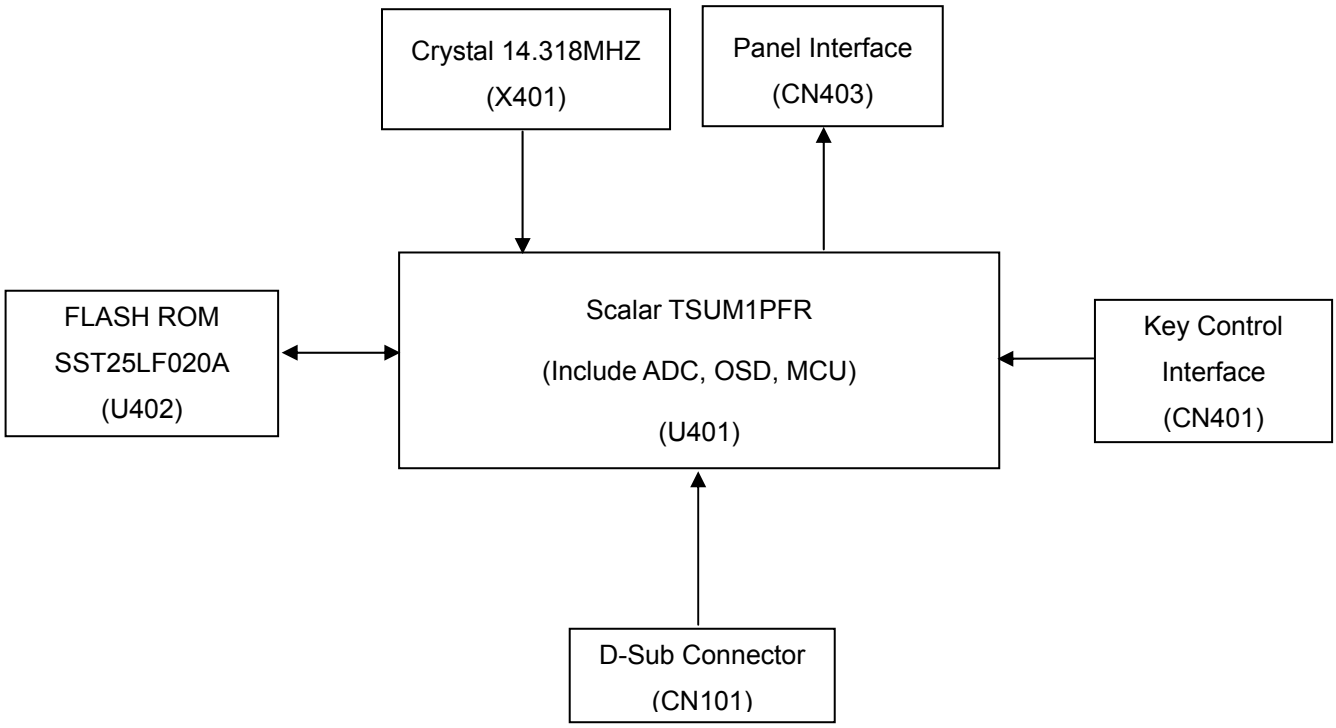


Remark:

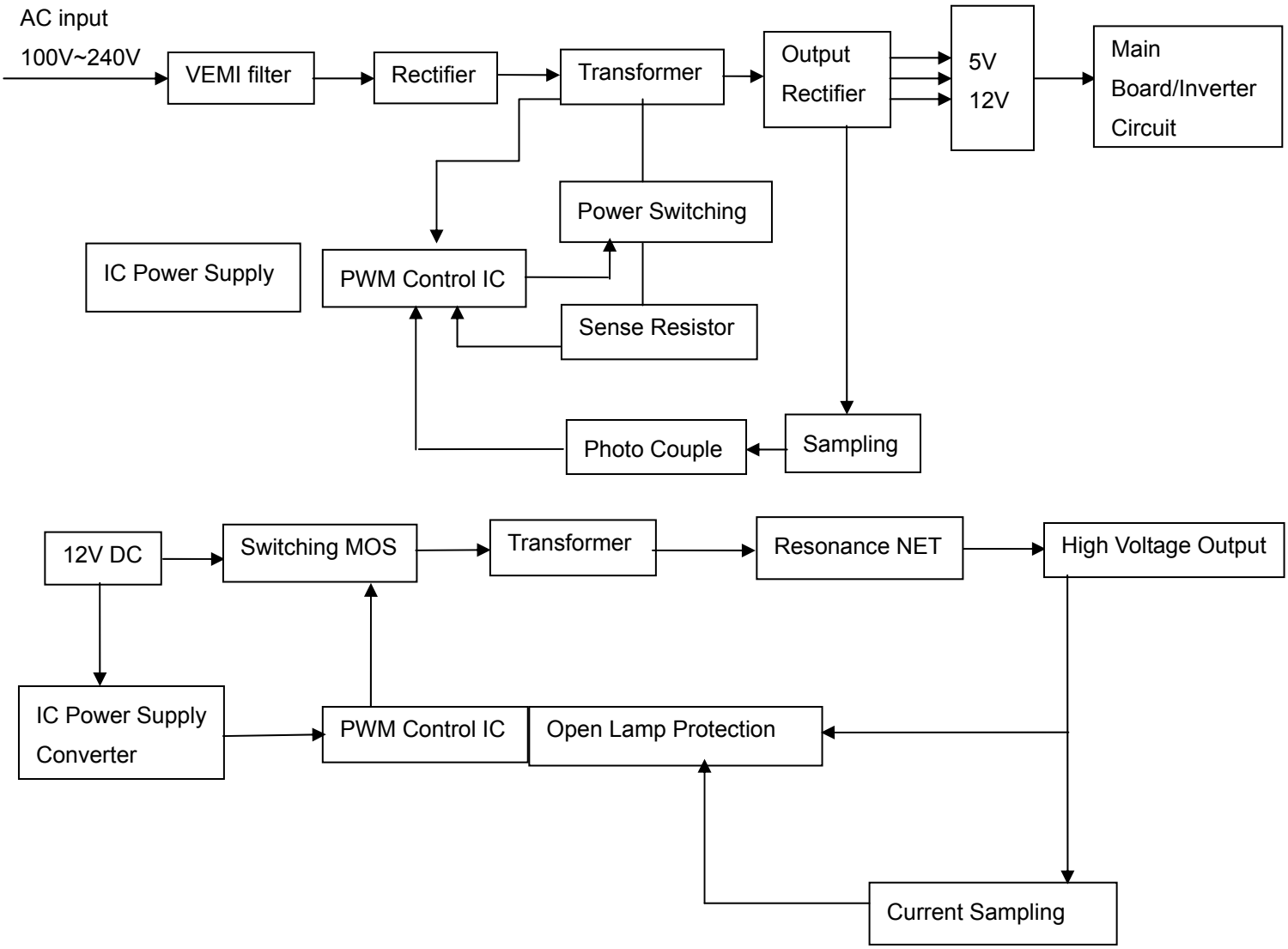
1) MCU initializes.
2) Is the EPROM blank?
3) Program the EPROM by default values.
4) Get the PWM value of brightness from EPROM.
5) Is the power key pressed?
6) Clear all global flags.
7) Are the AUTO and SELECT keys pressed?
8) Enter factory mode.
9) Save the power key status into EPROM.
   Turn on the LED and set it to green color.
   Scalar initializes.
10) In standby mode?
11) Update the lifetime of back light.
12) Check the analog port, are there any signals coming?
13) Does the scalar send out an 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 disappears.
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?

5.2 Electrical Block Diagram

5.2.1 Main Board



5.2.2 Power Board



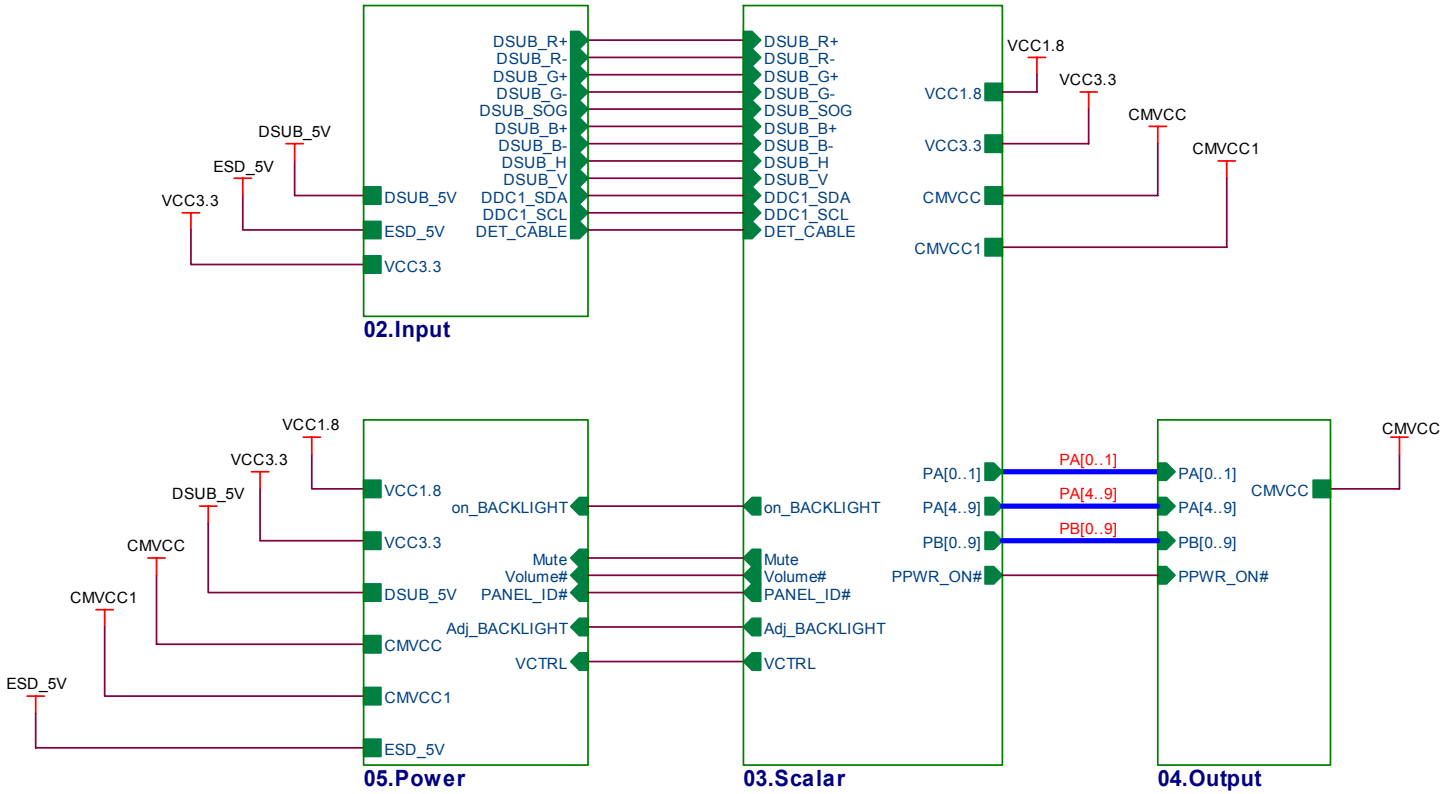
6. Schematic

6.1 Main Board

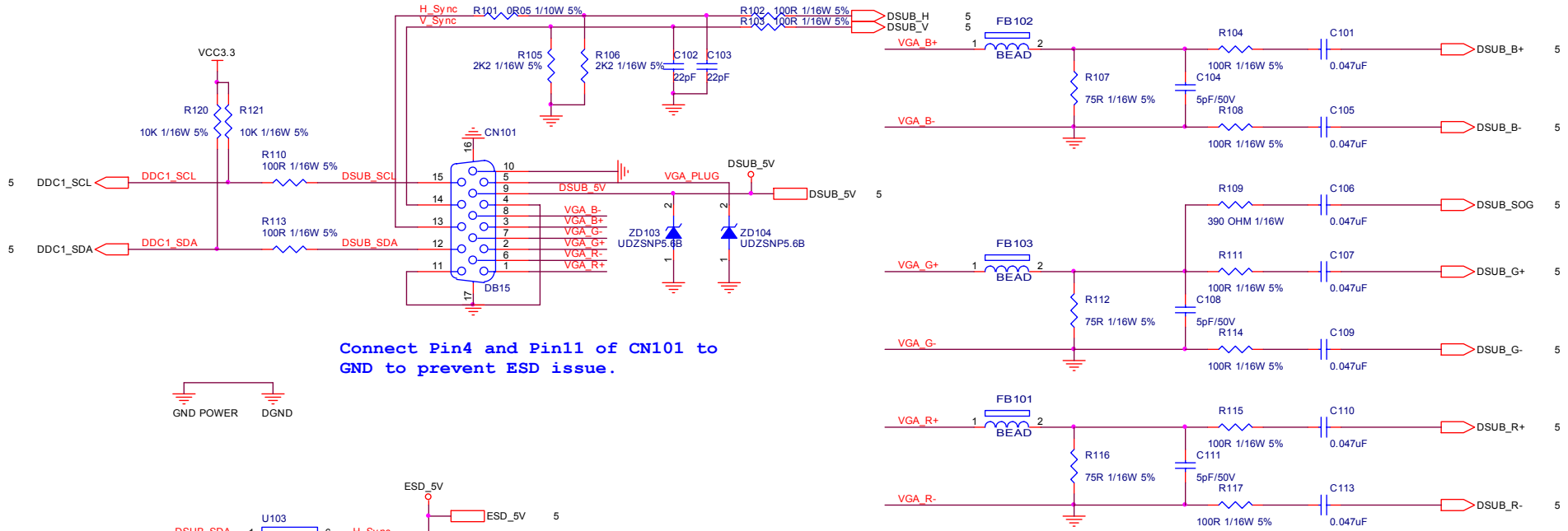
715G2904 2 2

TSUM1PFR-LF SCHEMATIC

XGA/SXGA LVDS OUTPUT

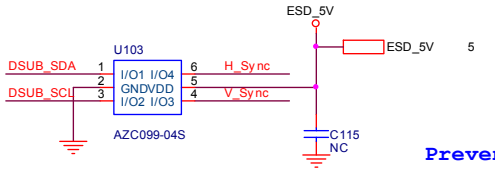


TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL		Size	A
紡隔瓜網腹		TPV MODEL		Rev	1E-2
Key Component	01.Top	PCB NAME	715G2904-1E-2	称爹	<称爹>
Date	Tuesday, July 29, 2008	Sheet	3 of 7		

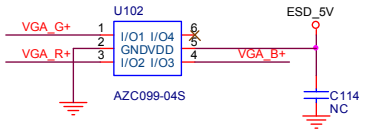


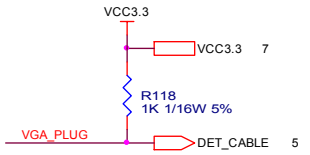
Connect Pin4 and Pin11 of CN101 to GND to prevent ESD issue.

GND POWER DGND



Prevent EDID Tool Issue





TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL		Size	B
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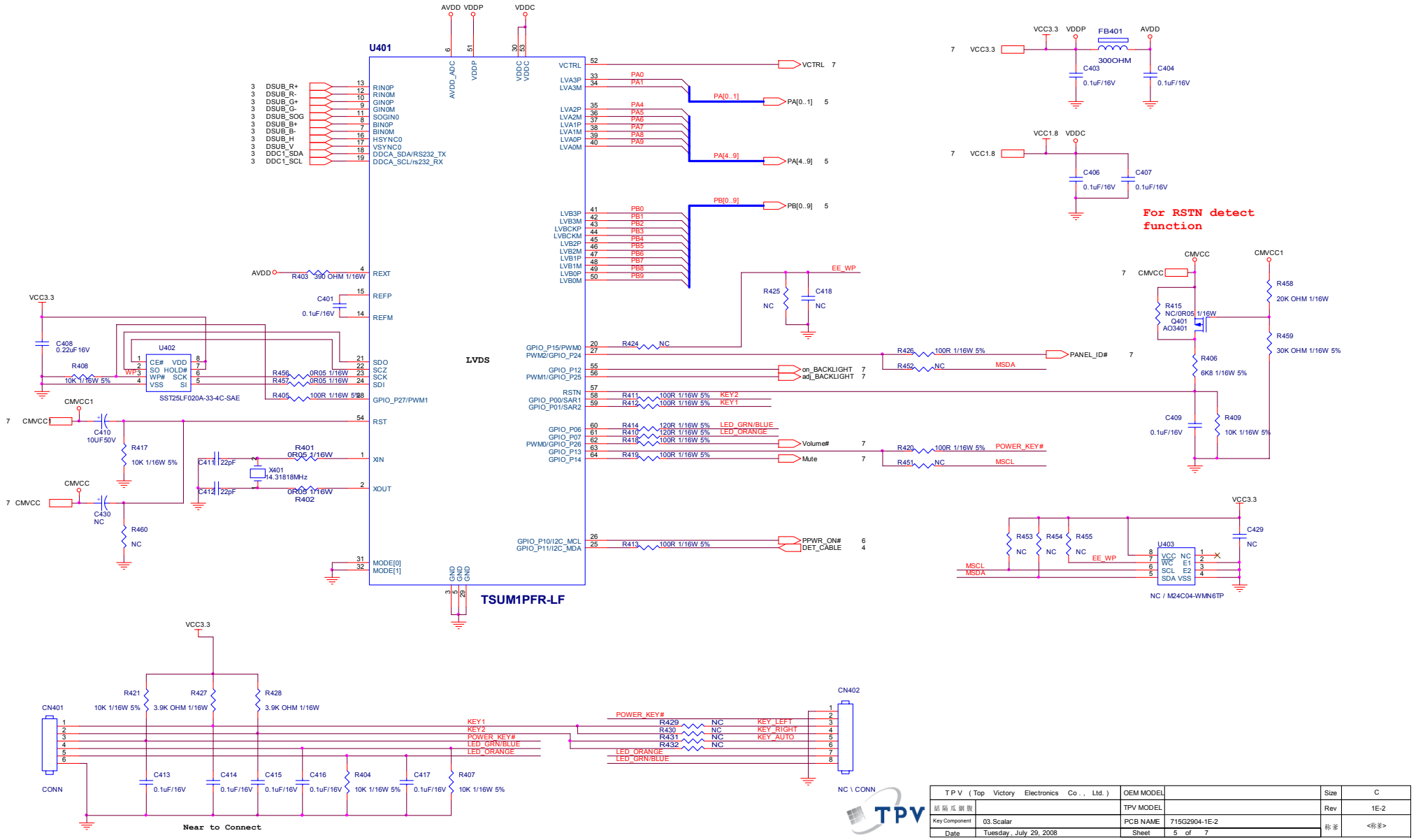
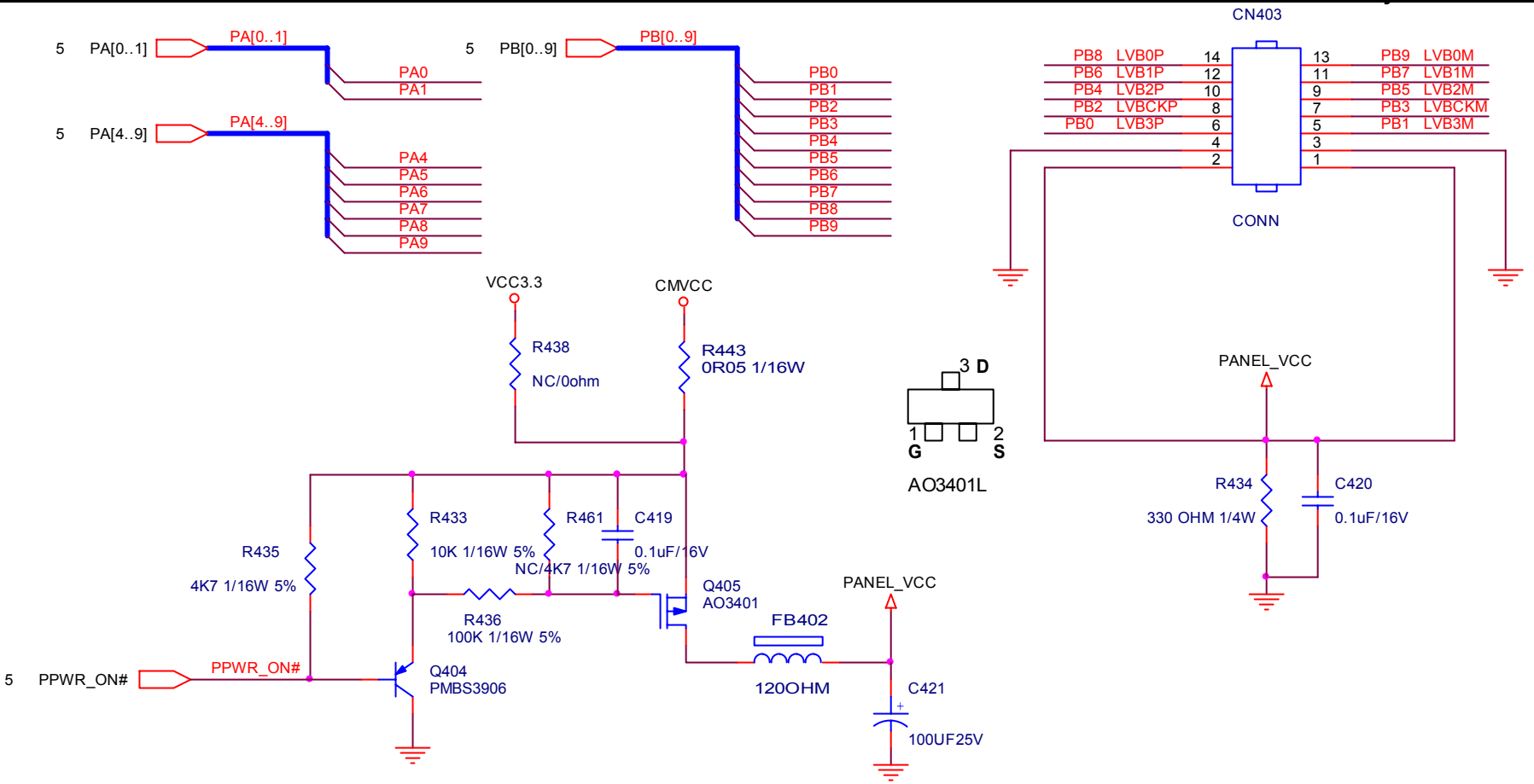
Key Component	02.Input	PCB NAME	715G2904-1E-2	称爹	<称爹>
Date	Tuesday, July 29, 2008	Sheet	4 of 7		



T P V (Top Victory Electronics Co . , Ltd.)		OEM MODEL		Size	C
結 隔 瓜 鋼 靴		TPV MODEL		Rev	1E-2
Key Component	03.Scalar	PCB NAME	715G2904-1E-2	称 爹	<称爹>
Date	Tuesday , July 29, 2008	Sheet	5 of 7		



T P V （Top Victory Electronics Co . , Ltd. ）		OEM MODEL		Size	A
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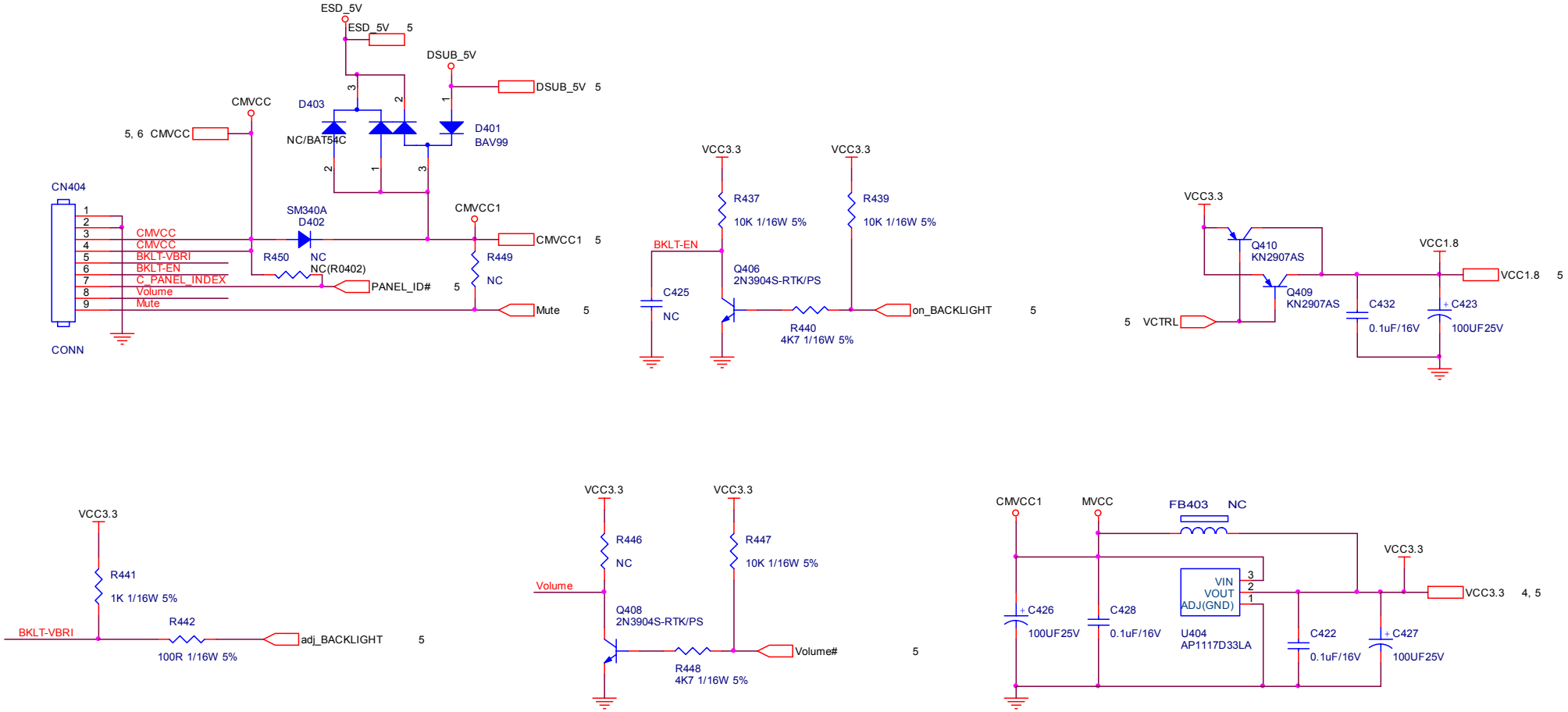
Key Component	04.Output	PCB NAME	715G2904-1E-2	称 爹	<称爹>
Date	Tuesday, July 29, 2008	Sheet	6 of 7		



TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL		Size	B
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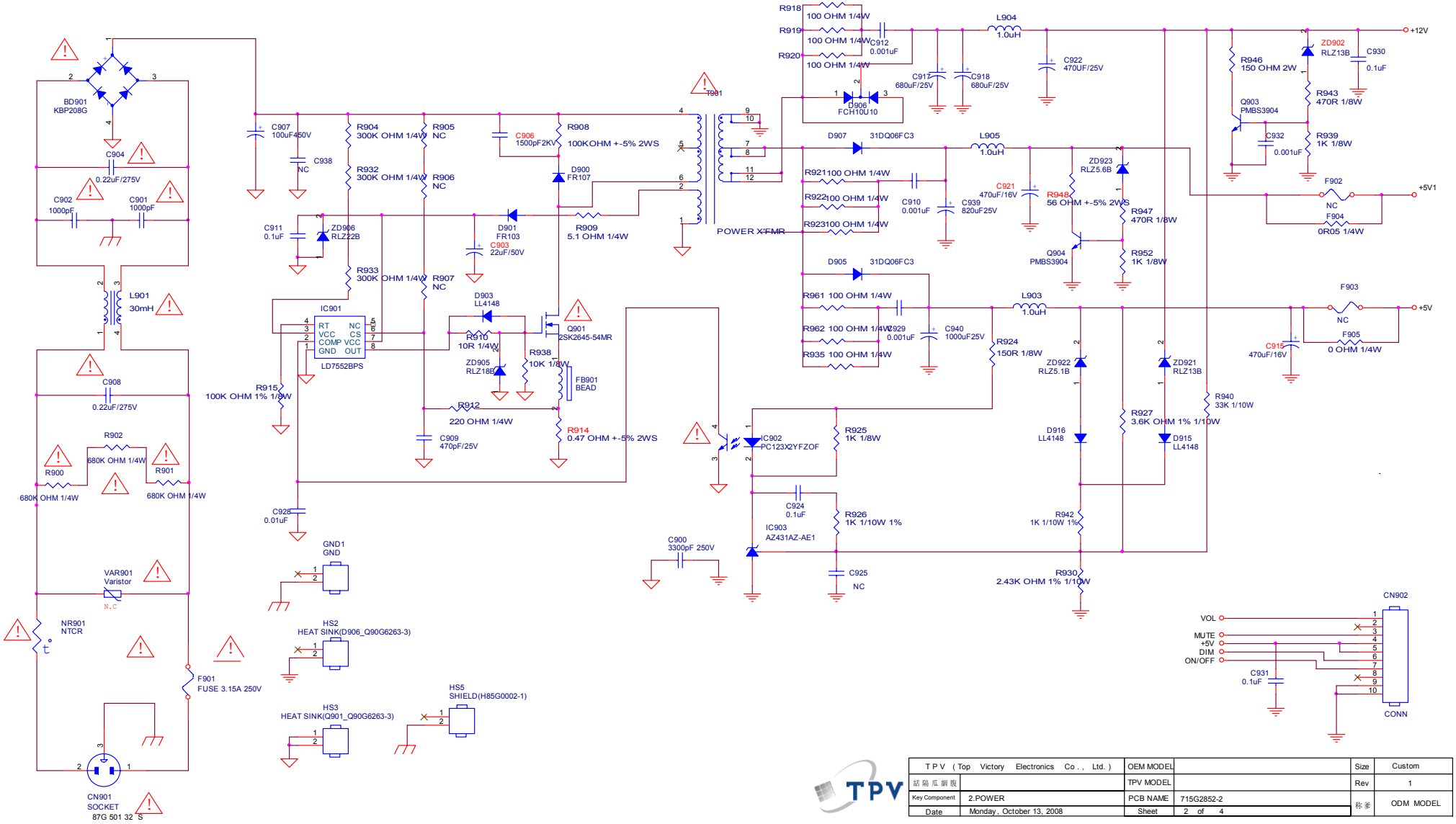
Key Component	05.Power	PCB NAME	715G2904-1E-2	称 爹	<称爹>
Date	Tuesday, July 29, 2008	Sheet	7 of 7		

6.2 Power Board

715G2852 2



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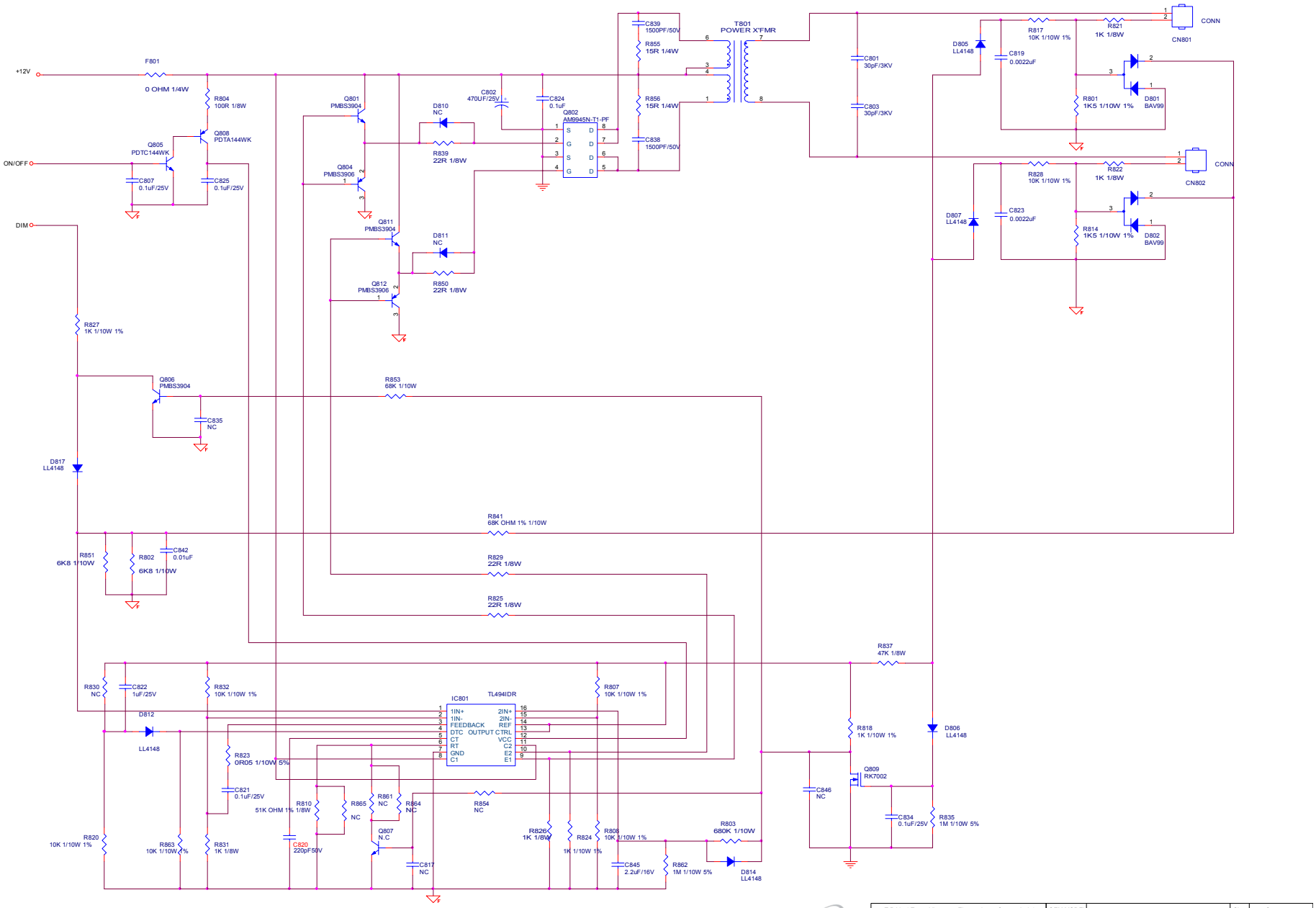
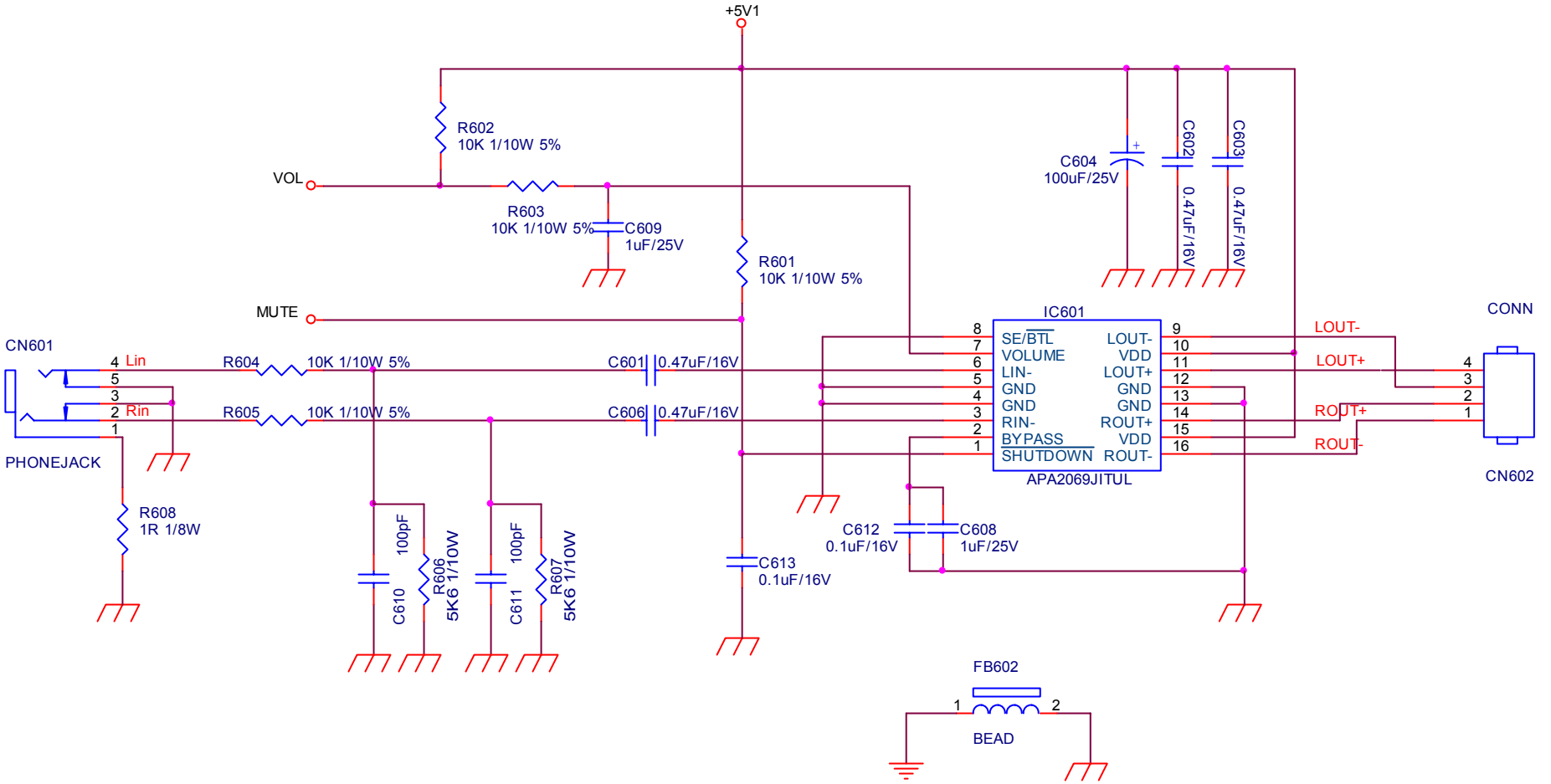
話 隔 瓜 鋼 股		TPV MODEL		Rev	1
Key Component	2.POWER	PCB NAME	715G2852-2	称 爹	ODM MODEL
Date	Monday , October 13, 2008	Sheet	2 of 4		



T P V (Top Victory Electronics Co . , Ltd.)		OEM MODEL		Size	Custom
筋斗瓜資股		TPV MODEL		Rev	1
Key Component	3.INVERTER	PCB NAME	715G2852-2	称爹	ODM MODEL
Date	Monday, October 13, 2008	Sheet	3 of 4		



T P V （Top Victory Electronics Co . , Ltd. ）		OEM MODEL		Size	A
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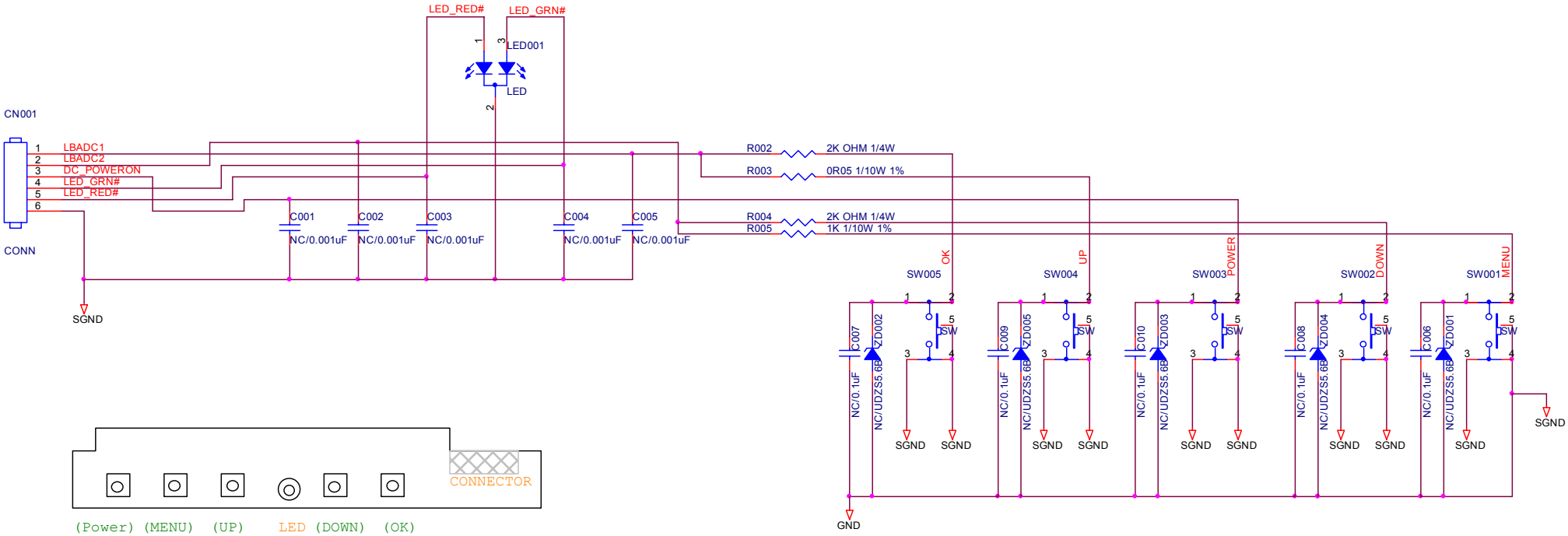
Key Component	4.AUDIO	PCB NAME	715G2852-2	称爹	ODM MODEL
Date	Monday , October 13, 2008	Sheet	4 of 4		

6.3 Key Board

715G2835 1

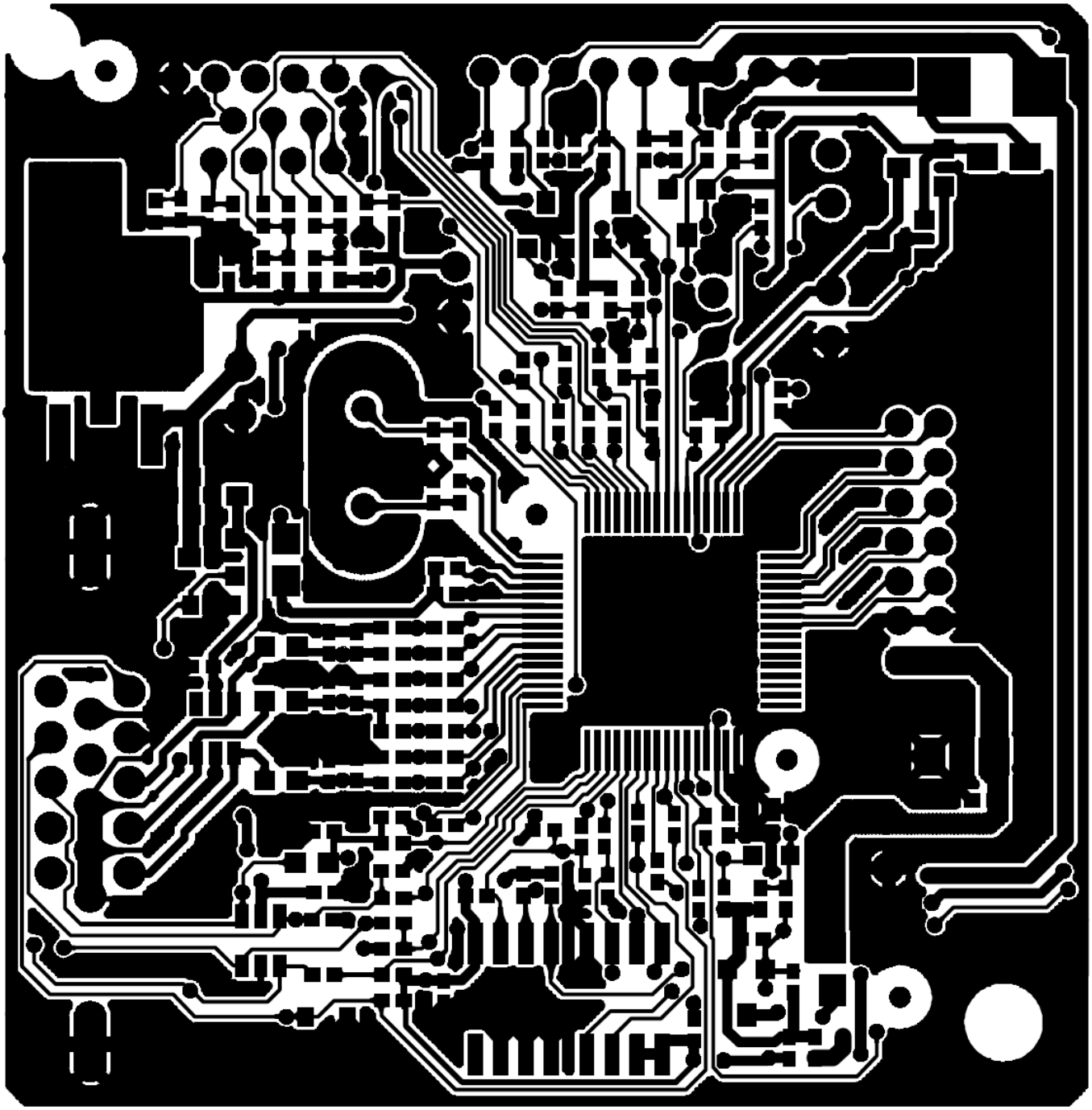


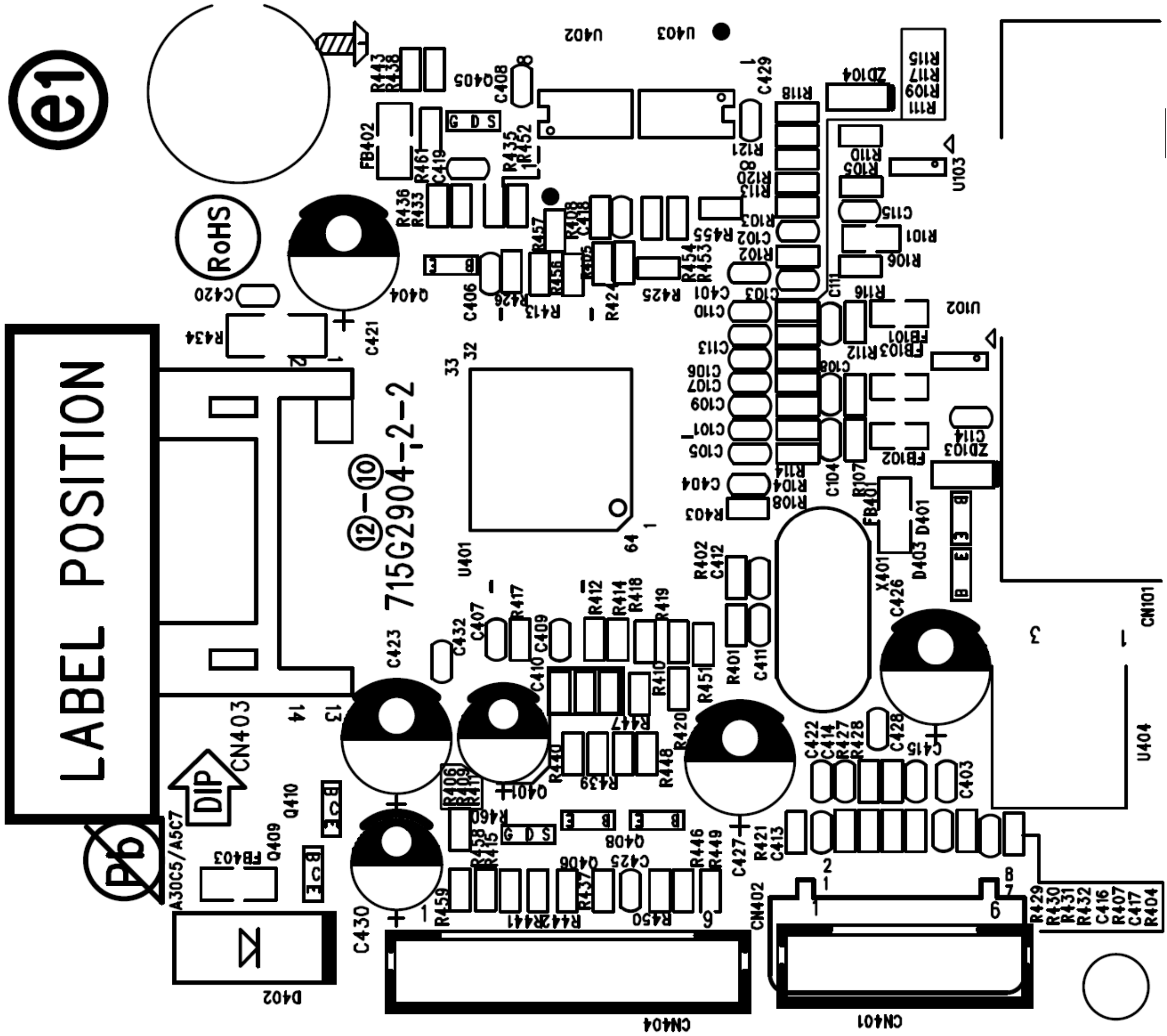
TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL		Size	B
結構瓜組股		TPV MODEL		Rev	A
Key Component	2.0.key	PCB NAME	715G2835-1	称爹	<称爹>
Date	Thursday, October 30, 2008	Sheet	2 of 2		

7. PCB Layout

7.1 Main Board

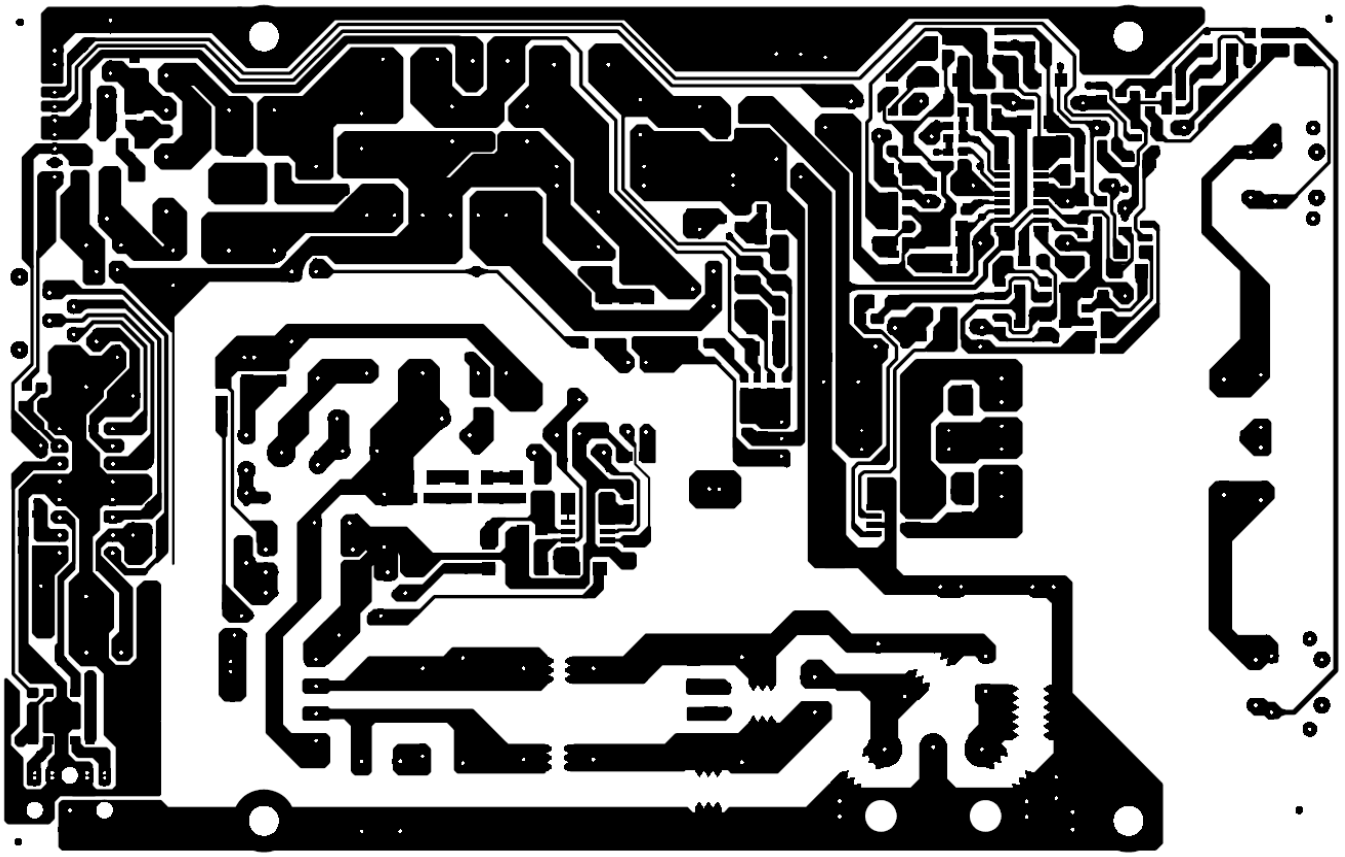
715G2904 2 2

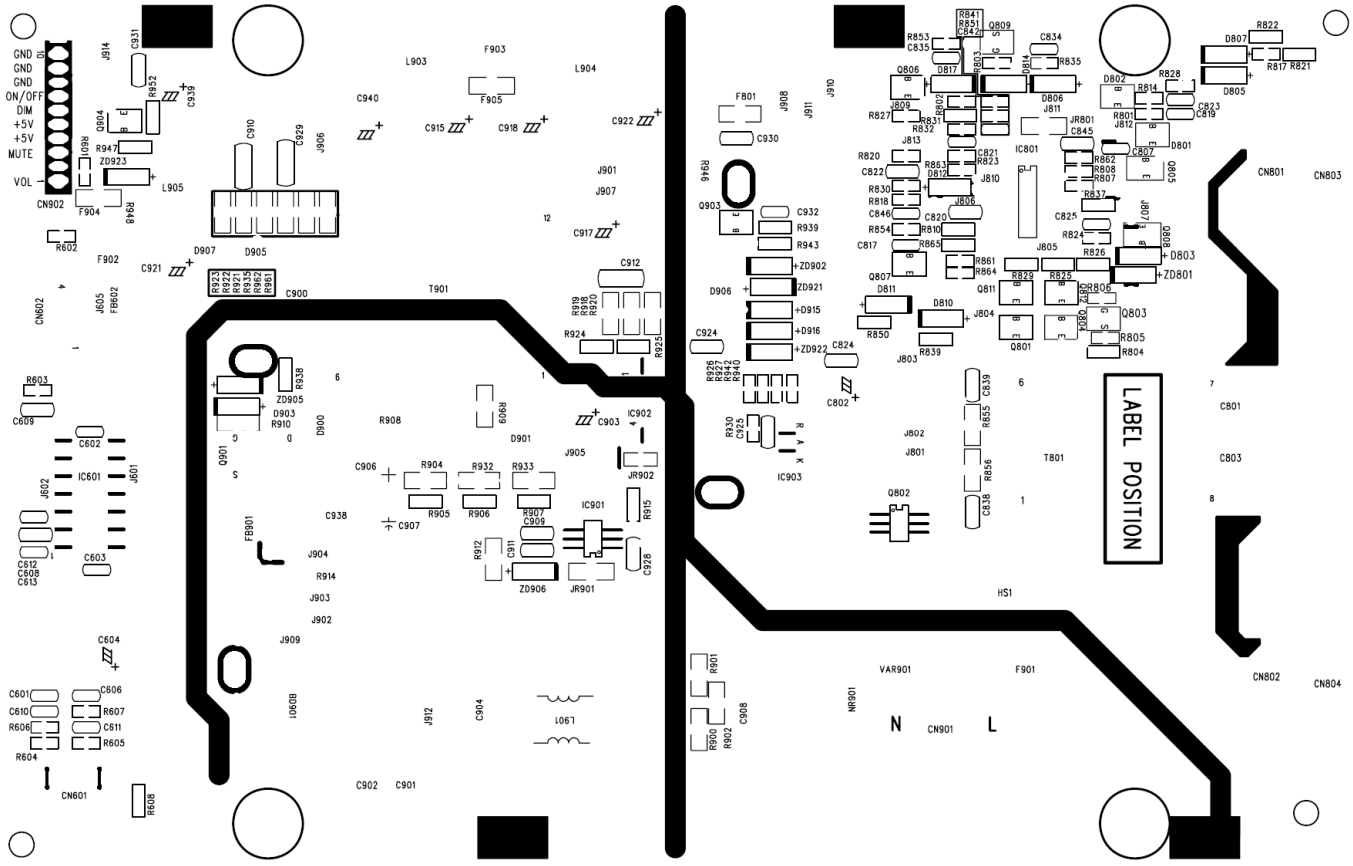


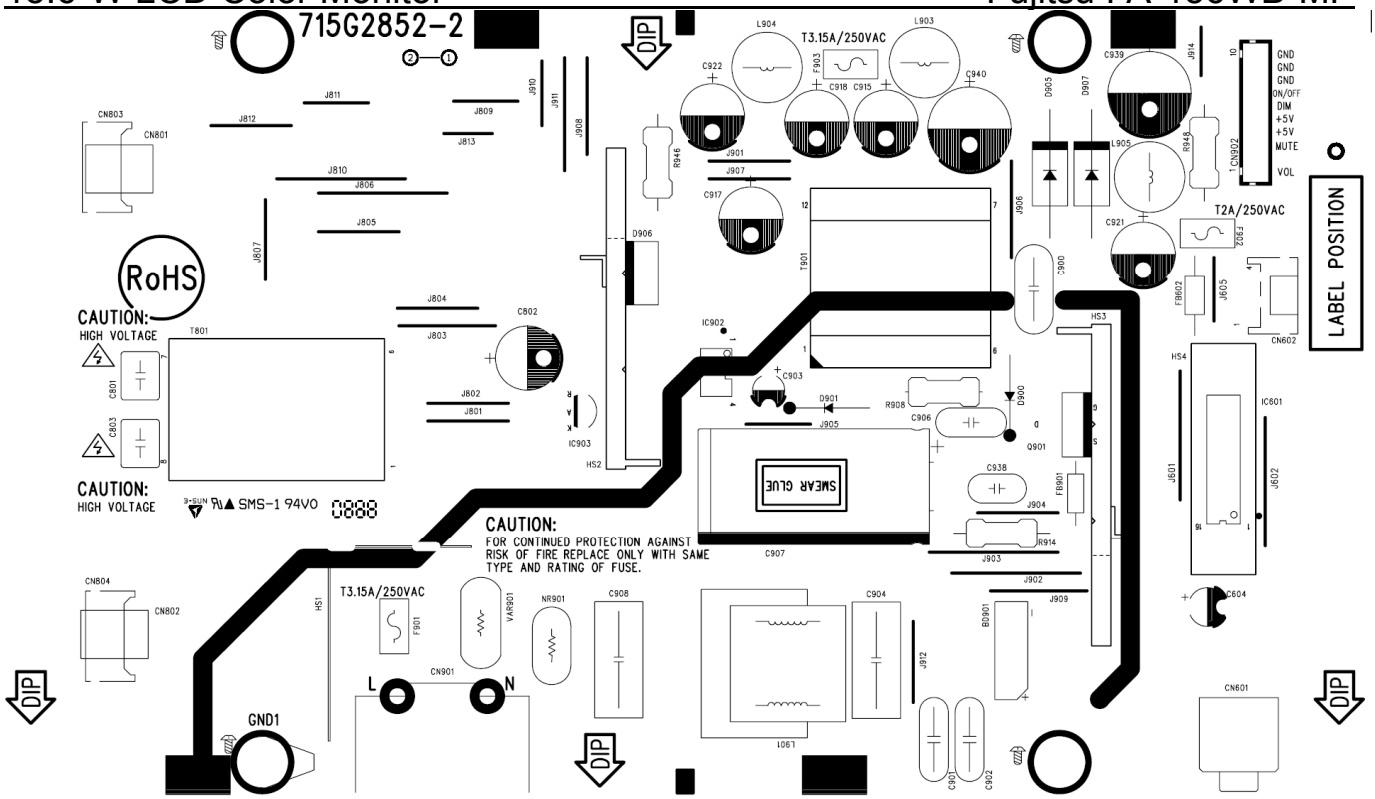

LABEL POSITION
715G2904-2-2
RoHS
DIP
CN403
CN404
CN401
CN402
CN101
U401
U404
D402

7.2 Power Board

715G2852 2

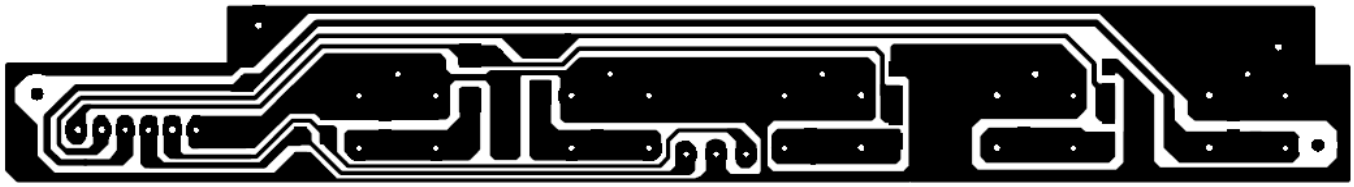


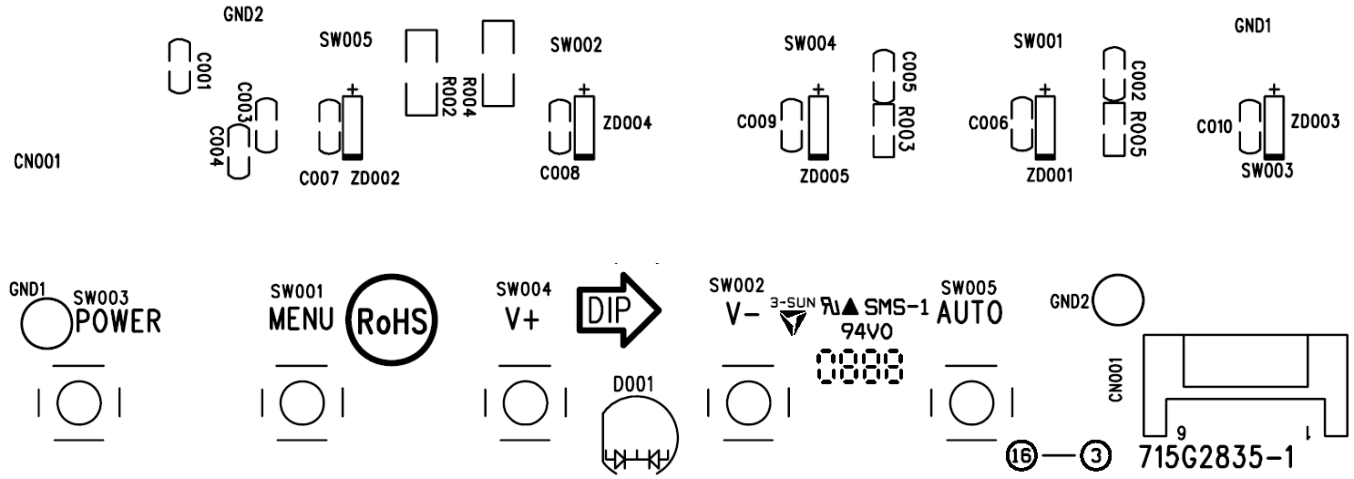




7.3 Key Board

715G2835 1





8. Maintainability

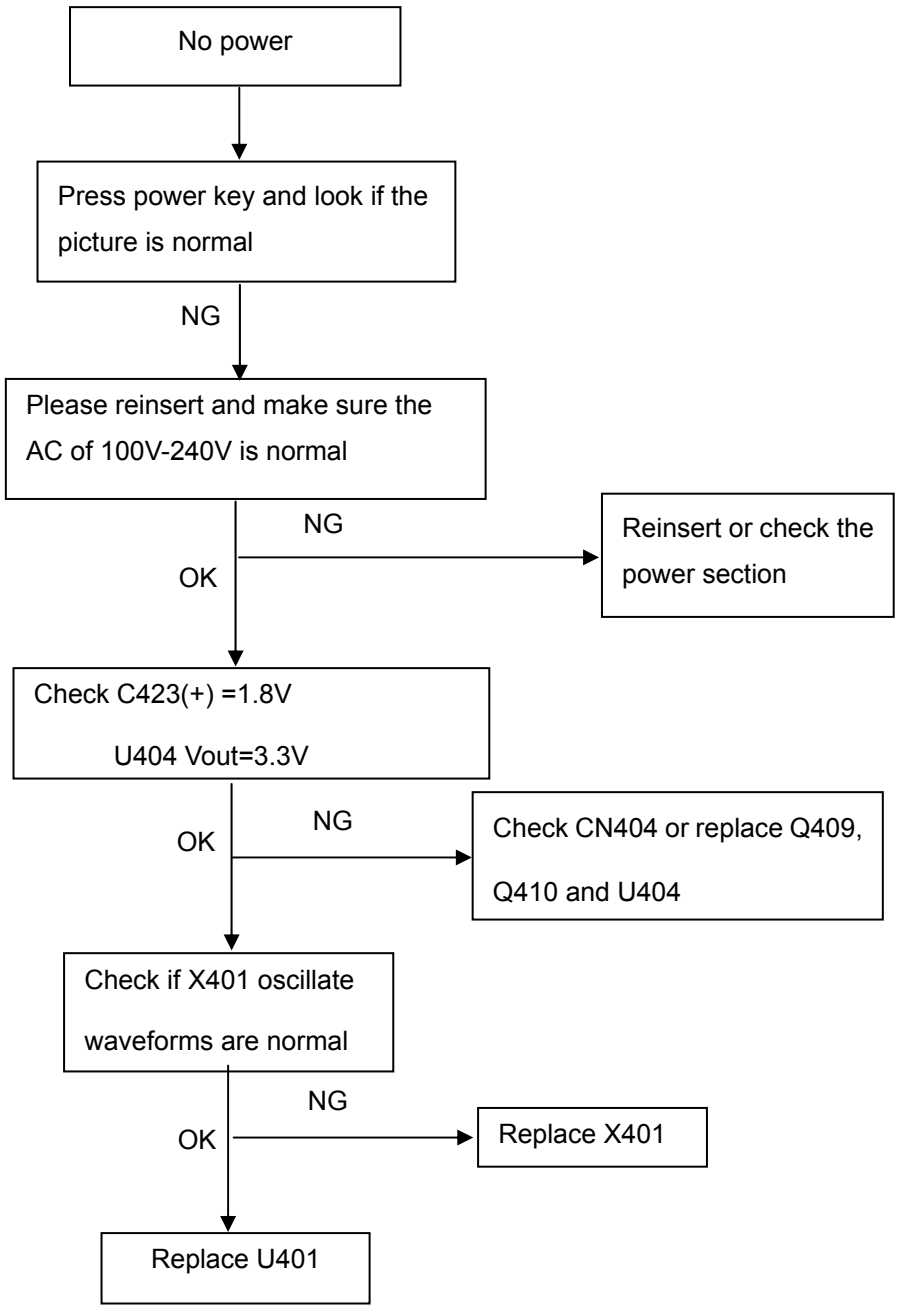
8.1 Equipments and Tools Requirement

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

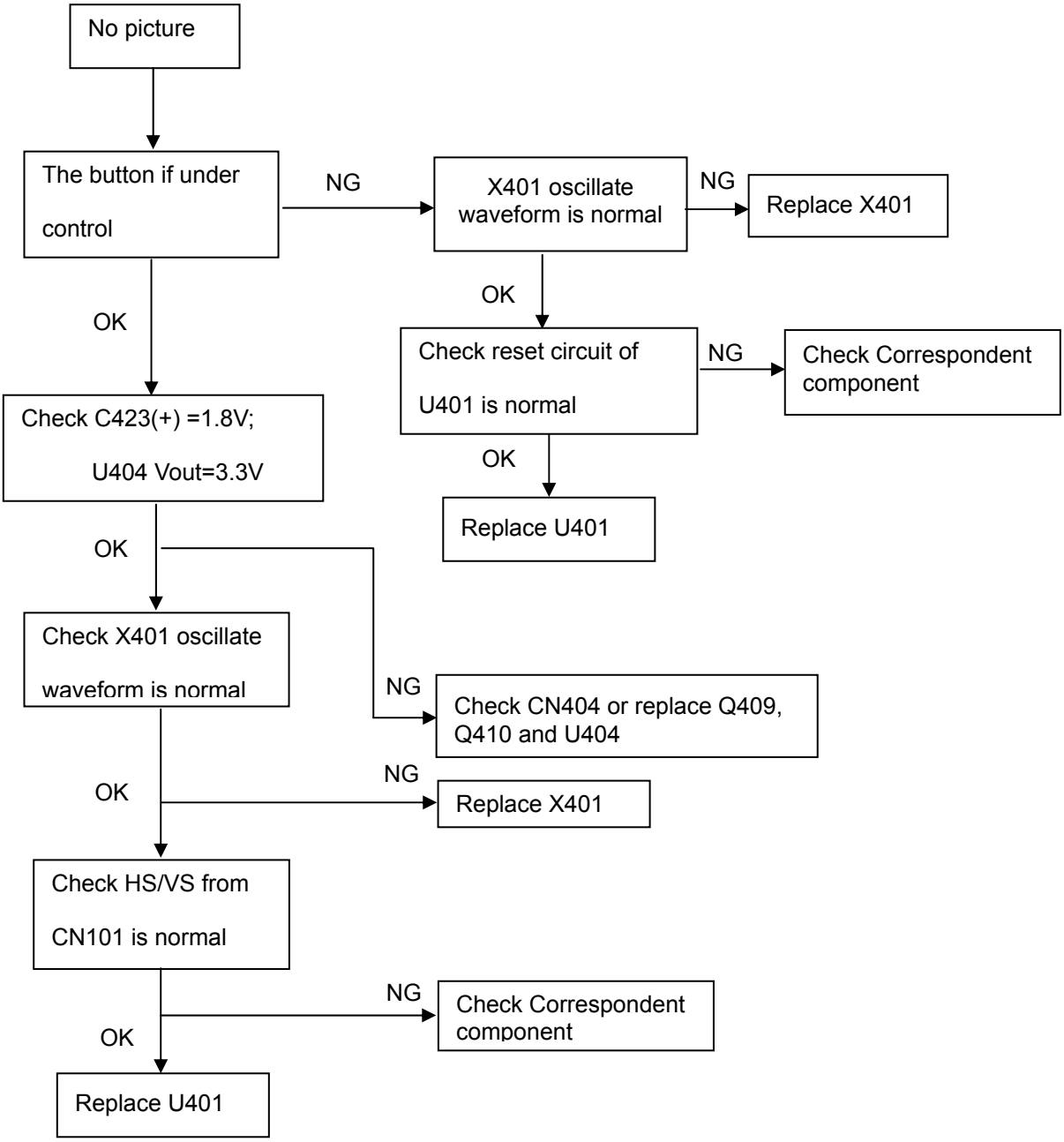
8.2 Trouble Shooting

8.2.1 Main Board

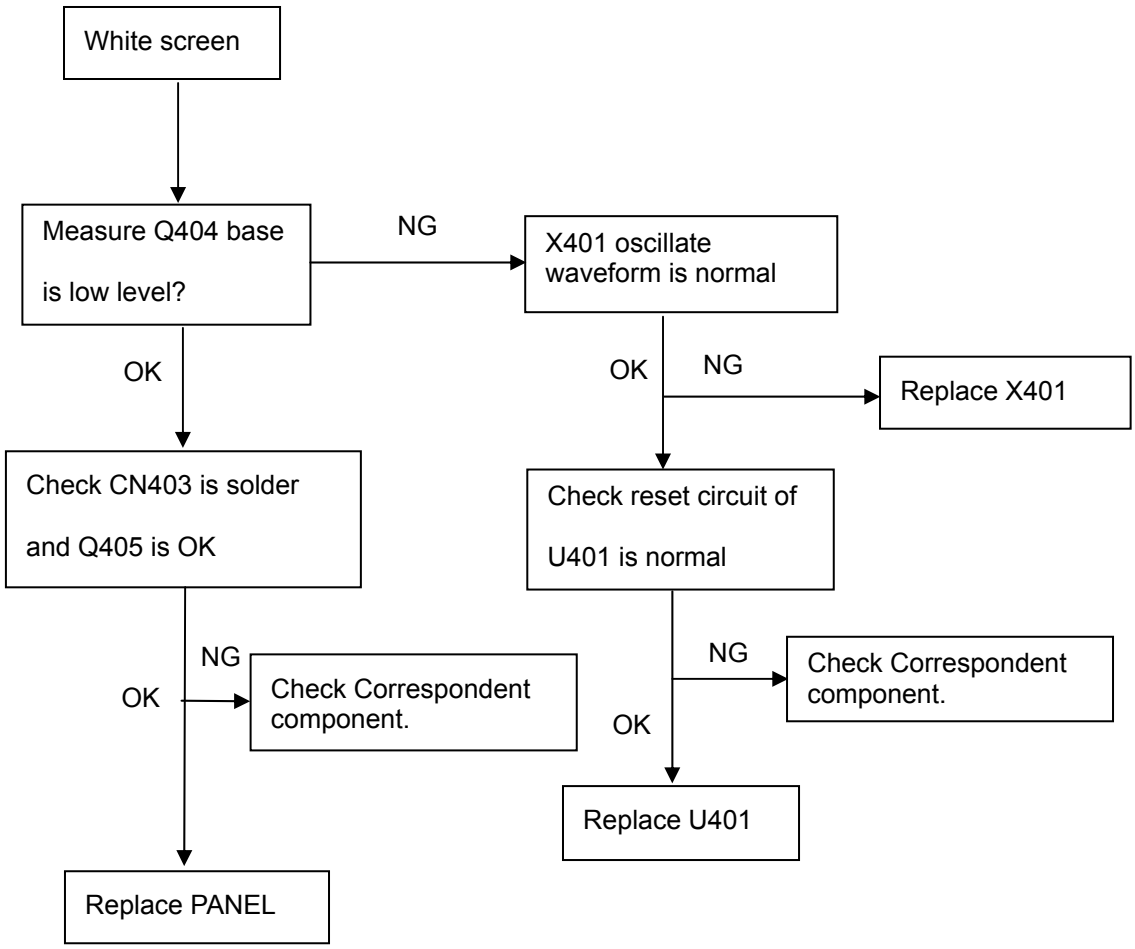
No power



No picture (LED orange)

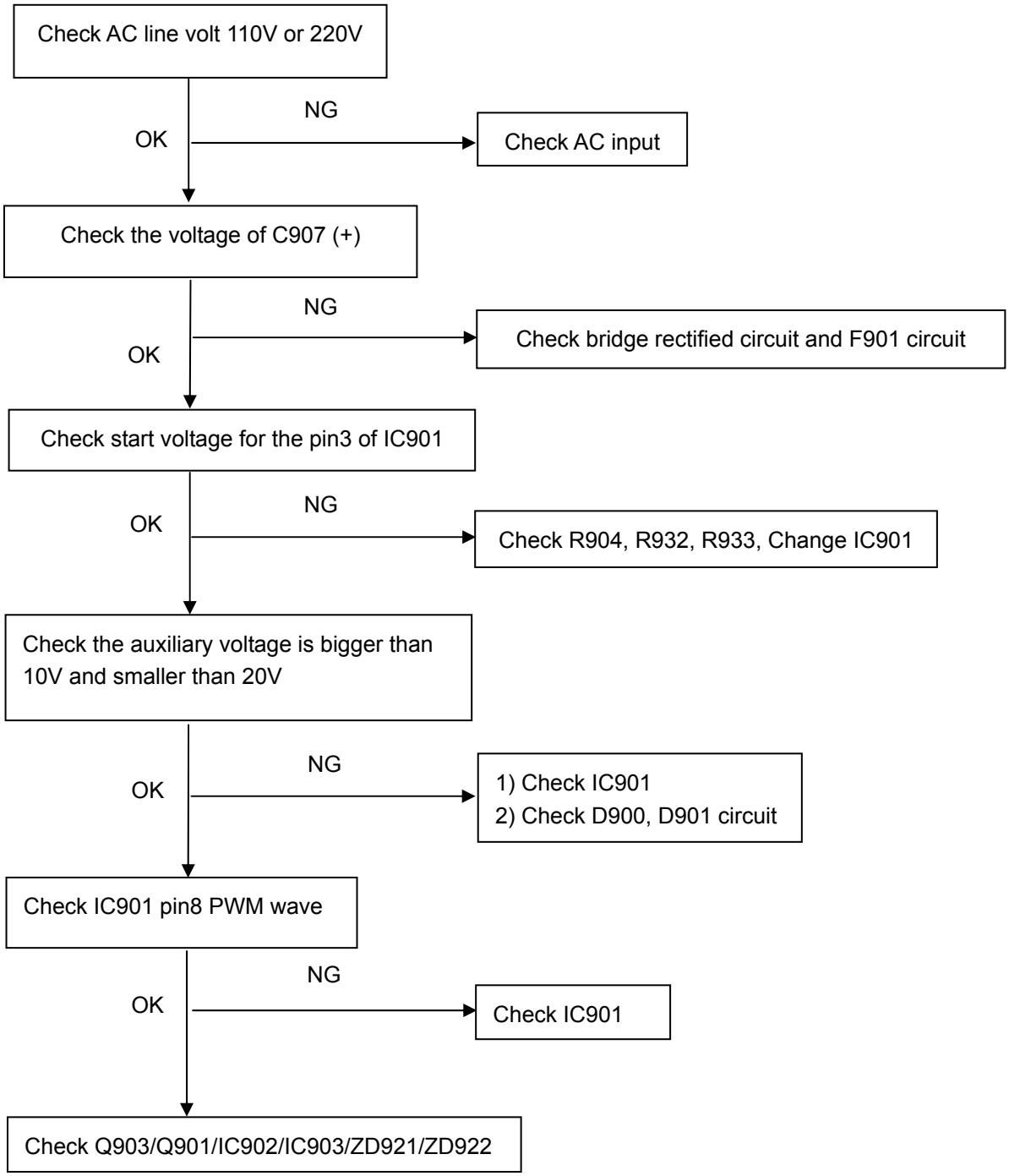


White screen

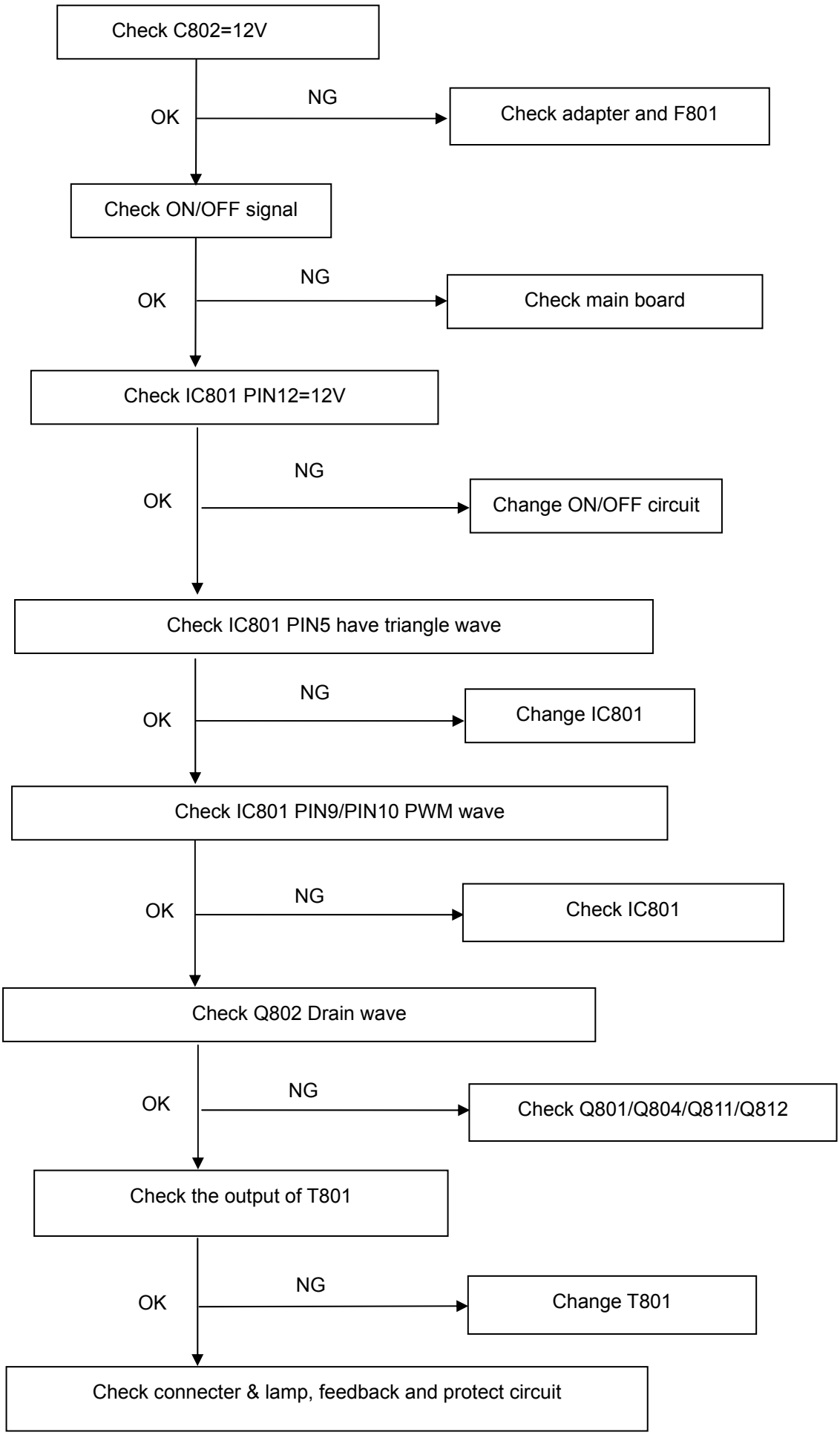


8.2.2 Power Board

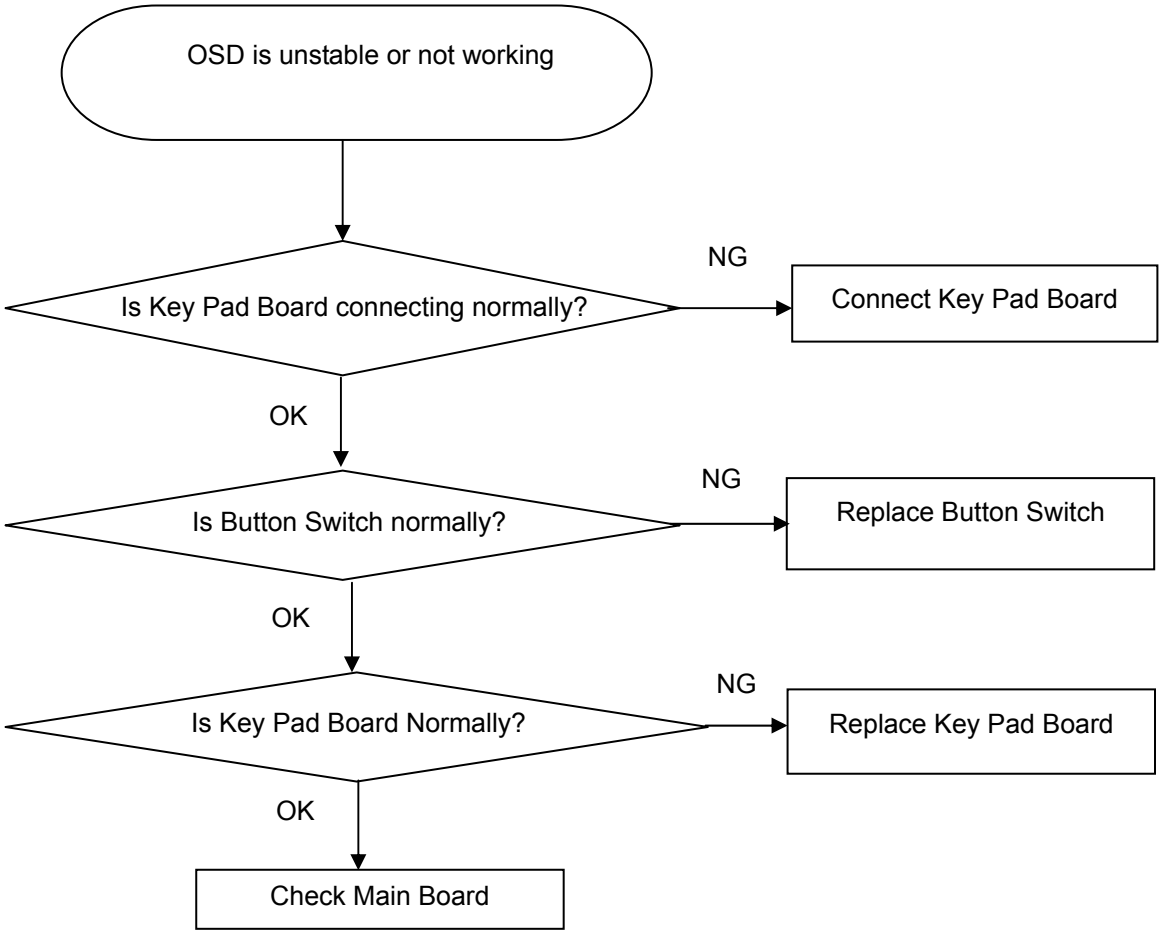
No power



No backlight



8.2.3 Key Board



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. (Warm color):

      6500K color temp. parameter is x = 313 ±30, y = 329 ±30, Y>150cd/m^2

   B. MEM. (Normal color):

      7300K color temp. parameter is x = 302 ±30, y = 318 ±30, Y>150cd/m^2

   C. MEM. (Cool color):

      9300K color temp. parameter is x = 283 ±30, y = 297 ±30, Y>130cd/m^2

   D. MEM. (sRGB color):

      sRGB color temp. parameter is x = 313 ±30, y = 329 ±30, Y>150cd/m^2

3. Into factory mode:

   Turn on power, press the MENU button, pull out the power cord, and then plug the power cord. Then the factory OSD will be at the left top of the panel.

4. Bias adjustment:

   Set the **Contrast**  to 50; Adjust the **Brightness**  to 90.

5. Gain adjustment:

   Move cursor to “-F-” and press MENU key

   A. 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 ±30, y = 329 ±30, Y>150cd/m^2
      4. Adjust the RED on factory window until chroma 7120 indicator reached the value R=100
      5. Adjust the GREEN on factory window until chroma 7120 indicator reached the value G=100
      6. Adjust the BLUE 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±2

   B. Adjust (7300K) color-temperature

      1. Switch the chroma-7120 to RGB-Mode (with press “MODE” button)
      2. Switch the MEM .channel to Channel 4(with up or down arrow on chroma 7120)
      3. The LCD-indicator on chroma 7120 will show x = 302 ±30, y = 318 ±30, Y>150cd/m^2
      4. Adjust the RED on factory window until chroma 7120 indicator reached the value R=100
      5. Adjust the GREEN on factory window until chroma 7120 indicator reached the value G=100
      6. Adjust the BLUE 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±2

   C. Adjust (9300K) color-temperature

      1. Switch the Chroma-7120 to RGB-Mode (with press “MODE” button)
      2. Switch the MEM. Channel to Channel 9(with up or down arrow on chroma 7120)
      3. The LCD-indicator on chroma 7120 will show x = 283 ±30, y = 297 ±30, Y>130cd/m^2
      4. Adjust the RED on factory window until chroma 7120 indicator reached the value R=100

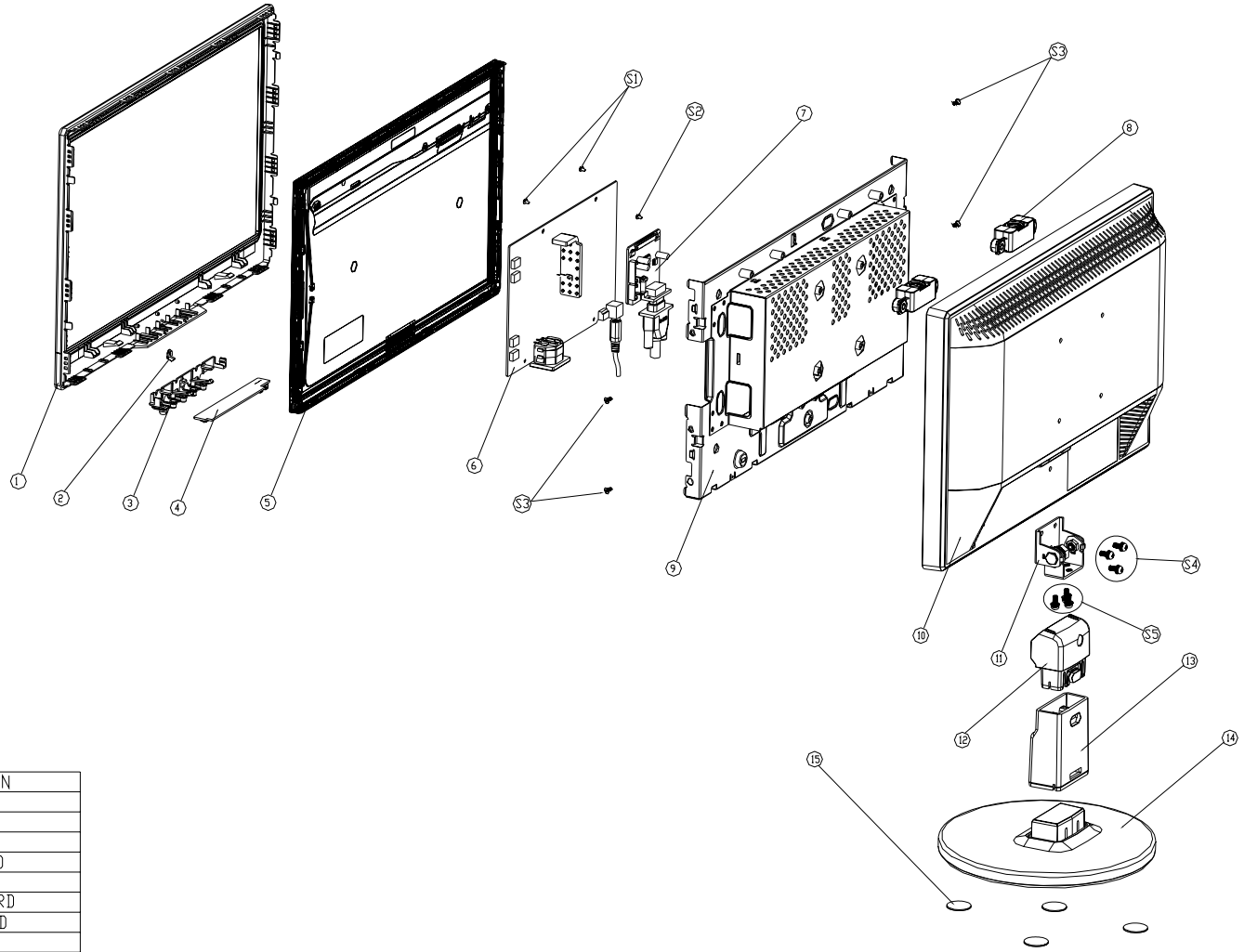
5. Adjust the GREEN on factory window until chroma 7120 indicator reached the value G=100
6. Adjust the BLUE on factory window until chroma 7120 indicator reached the value B=100
7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance =100±2

D. Adjust (sRGB) color-temperature

1. Switch the chroma-7120 to RGB-Mode (with press “MODE” button)
2. Switch the MEM .channel to Channel 10(with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show x = 313 ±30, y = 329 ±30, Y>150cd/m^2
4. Adjust the RED on factory window until chroma 7120 indicator reached the value R=100
5. Adjust the GREEN on factory window until chroma 7120 indicator reached the value G=100
6. Adjust the BLUE of 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±2

E. Turn the Power-button off to quit from factory mode.

10. Monitor Exploded View



NO.	DESCRIPTION
1	BEZEL
2	LENS
3	KEY PAD
4	KEY BOARD
5	PANEL
6	POWER BOARD
7	MAIN BOARD
8	SPK
9	MIAN FRAME
10	REAR COVER
11	HINGE
12	STAND TOP
13	STAND
14	BASE&S2
15	FOOT

NO.	PART NO.	DESCRIPTION
S1	0M1G1730 6120	POWER BOARD/MAIN FRAME=(3)
S2	0M1G1730 8120	MAIN BOARD/MAIN FRAME=(2)
S3	0M1G 130 5120	MAIN FRAME/PANEL=(4)
S4	AM1G1740 12 47 CR3	HINGE/MAIN FRAME=(3)
S5	AM1G1740 12225 CR3	HINGE/STAND=(3)

11. BOM List

T6RMM5NCWXFBAN

Location	Part No.	Description	Remark
	050G 600 2	HANDLE1	
	050G 600 3	HANDLE2	
	052G 1150 C	INSULATING TAPE	
	052G 1185 1	BIG TAPE	
	052G 1186	SMALL TAPE	
	052G 1211 A	CONDUCTIVE TAPE 55MM *45MM *0.08MM	
	052G6019 1	INSULATING TAPE	
E07801	078G 322 9A G	SPK 8 OHM 1.5W 43X18MM 145 200 NEO	2nd source
E07801	078G 322 9A K	SPK 8OHM 1.5W 43X18 145 200MM KUAIDA	2nd source
E07801	078G 322 9A Y	SPK 8OHM 1.5W 145 200MM 43X18MM SUNLINK	
	089G 17356C554	AUDIO CABLE	
	089G 725CAA DB	D-SUB CABLE	
	089G404A15N YH	POWER CORD	
	095G8014 6WH09	WIRE HARNESS 6P(PH)-6P(PH)	
	095G8018B3D516	LVDS CABLE	
	0M1G 130 5120	SCREW	
	0M1G1730 6120	SCREW,42-D020523	
	705GQ734580	LCD 15.6"STAND-BASE ASS'Y	
	AM1G1740 12 47 CR3	SCREW	
	Q12G6600 6	FOOT	
	Q34G0297AED 1B0100	STAND TOP	
	Q34G0298AED 1B0120	STAND	
	Q34G0299AED 1B0133	BASE8S2	
M37	Q37G0067012	HINGE	
M37	SQ37G0067012	HINGE ASS'Y	
	015F0067210	SUPPORT	
	015F0067020	ACTIVE PLATE	
	004F061210T 00	METAL WASHERS12.0*8.00*1.6H	
	004F061210T 01	METAL WASHERS12.0*4.72*1.0T	
	004F061210M 00	METAL WASHERS12.0*6.03*4.70H	
	004F0612052 00	METAL WASHER	
	028F0620090	SHAFT	
	0M1F3050106	SCREW	
	002F0605100	SCREW NUTS M6.0*P1.0 WHITE	
	750GLM56B1112N	PANEL M156B1-L01 NB CMO	
	756GQ8CB AW017	MAIN BOARD-CBPCRM5A4Q1	
U402	056G1133 81	SST25LF020A-33-4C-SAE	
SMTCR-U402	100GAMM6002N11	MCU ASS'Y-056G1133 81	
	AM1G1740 12225 CR3	SCREW	
	040G 45762412B	CBPC LABEL	
CN401	033G3802 6	WAFER	
CN404	033G3802 9	WAFER 9P RIGHT ANELE PITCH	
CN403	033G8027 14 H	WAFER 14P 2.0MM DIP	
CN101	088G 35315F HD	D-SUB CONN F ATTACHED SCREW	
CN101	088G 35315F XH	D-SUB 15PIN VERTICAL CONN WITH SCREW	2nd source
X401	093G 22 53 J	14.31818MHZ/32PF/49US	
C410	067G 3151007KB	EC 10UF M 50V 5*11	
C423	067G 3151014KB	EC 100UF M 25V 6.3*11	

C426	067G 3151014KB	EC 100UF M 25V 6.3*11	
C427	067G 3151014KB	EC 100UF M 25V 6.3*11	
C421	067G 3151014KB	EC 100UF M 25V 6.3*11	
U401	056G 562557	IC TSUM1PFR-LF	
U404	056G 563512	IC G1117-33T43UF TO-252	
U103	056G 662 13	IC AZC099-04S SOT23-6L	
U102	056G 662 13	IC AZC099-04S SOT23-6L	
U402	056G1133 81	SST25LF020A-33-4C-SAE	
Q404	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q406	057G 417 12 T	KEC 2N3904S-RTK/PS	
Q408	057G 417 12 T	KEC 2N3904S-RTK/PS	
Q410	057G 417 22 T	TRA KN2907AS -60V/-0.6A SOT-23	
Q409	057G 417 22 T	TRA KN2907AS -60V/-0.6A SOT-23	
Q405	057G 763 1	A03401 SOT23 BY AOS(A1)	
Q401	057G 763 1	A03401 SOT23 BY AOS(A1)	
R443	061G0402000	RST CHIP MAX 0R05 1/16W	
R457	061G0402000	RST CHIP MAX 0R05 1/16W	
R456	061G0402000	RST CHIP MAX 0R05 1/16W	
R402	061G0402000	RST CHIP MAX 0R05 1/16W	
R401	061G0402000	RST CHIP MAX 0R05 1/16W	
R102	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R117	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R405	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R411	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R113	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R111	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R110	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R108	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R104	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R103	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R114	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R115	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R442	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R420	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R419	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R418	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R413	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R412	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R441	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R118	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R433	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R421	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R417	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R408	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R407	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R404	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R121	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R120	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R447	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R409	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R437	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	

R439	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R436	061G0402104	RST CHIPR 100 KOHM +-5% 1/16W	
R410	061G0402121	RST CHIP 120R 1/16W 5%	
R414	061G0402121	RST CHIP 120R 1/16W 5%	
R458	061G0402203	RST CHIP 20K 1/16W 5%	
R105	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R106	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R459	061G0402303	RST CHIPR 30 KOHM +-5% 1/16W	
R109	061G0402390 0F	RST CHIP 390R 1/16W 1%	
R403	061G0402390 0F	RST CHIP 390R 1/16W 1%	
R427	061G0402392	RST CHIP 3.9K 1/16W 5%	
R428	061G0402392	RST CHIP 3.9K 1/16W 5%	
R435	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R440	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R448	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R406	061G0402682	RST CHIP 6K8 1/16W 5%	
R107	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R112	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R116	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R101	061G0603000	RST CHIP MAX 0R05 1/10W	
R434	061G1206331	RST CHIPR 330 OHM +-5% 1/4W	
C401	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C403	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C404	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C406	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C407	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C409	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C413	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C414	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C415	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C416	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C417	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C419	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C420	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C422	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C428	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C432	065G0402104 15	MLCC 0402 0.1UF K 16V X5R	
C412	065G0402220 31	CHIP 22PF 50V NPO	
C411	065G0402220 31	CHIP 22PF 50V NPO	
C103	065G0402220 31	CHIP 22PF 50V NPO	
C102	065G0402220 31	CHIP 22PF 50V NPO	
C408	065G0402224 17	CAP CER 0.22UF -20%-80%	
C101	065G0402473 12	CHIP 0.047UF 16V X7R	
C105	065G0402473 12	CHIP 0.047UF 16V X7R	
C106	065G0402473 12	CHIP 0.047UF 16V X7R	
C107	065G0402473 12	CHIP 0.047UF 16V X7R	
C109	065G0402473 12	CHIP 0.047UF 16V X7R	
C110	065G0402473 12	CHIP 0.047UF 16V X7R	
C113	065G0402473 12	CHIP 0.047UF 16V X7R	
C108	065G0402509 31	CHIP 5PF 50V NPO	
C104	065G0402509 31	CHIP 5PF 50V NPO	

C111	065G0402509 31	CHIP 5PF 50V NPO	
FB402	071G 56K121 M	CHIP BEAD	
FB401	071G 56V301 B	CHIP BEAD FCM2012VF-301T07 BULLWILL	
FB101	071G 59K190 B	19 OHM BEAD	
FB102	071G 59K190 B	19 OHM BEAD	
FB103	071G 59K190 B	19 OHM BEAD	
D401	093G 64 33	DIO SIG SM BAV99 (PHSE)R	
ZD103	093G 39S 34 T	UDZSNP5.6B ROHM	
ZD104	093G 39S 34 T	UDZSNP5.6B ROHM	
D402	093G3004 3	SM340A	
	715G2904 2 2	MAIN BOARD PCB	
U404	056G 563916	IC LD1117DT33TR DPAK	
	KEPC7QAK	KEY BOARD	
CN001	033G3802 6H	WAFER 6P RIGHT ANGLE PITCH 2.0	
SW001	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
SW002	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
SW003	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
SW004	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
SW005	077G 600 1GCJ	TACT SWITCH TSPB-2 -NP	
SW001	077G 600 1A CJ	TACT SWITCH 2PIN	
SW002	077G 600 1A CJ	TACT SWITCH 2PIN	
SW003	077G 600 1A CJ	TACT SWITCH 2PIN	
SW004	077G 600 1A CJ	TACT SWITCH 2PIN	
SW005	077G 600 1A CJ	TACT SWITCH 2PIN	
SW001	077G 600 1A HJ	TACT SWITCH 5PIN	
SW002	077G 600 1A HJ	TACT SWITCH 5PIN	
SW003	077G 600 1A HJ	TACT SWITCH 5PIN	
SW004	077G 600 1A HJ	TACT SWITCH 5PIN	
SW005	077G 600 1A HJ	TACT SWITCH 5PIN	
D001	081G 12 1F GH	1ED 3PIN Φ3 GHZYG603D2-5B	
D001	081G 12 1F GP	LED 3Φ GP32032M/G307-ZY-50-C	
R003	061G0603000 1F	RST CHIPR 0 OHM +-1% 1/10W	
R005	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R004	061G1206200 1F	RST CHIPR 2.0 KOHM +-1% 1/4W	
R002	061G1206200 1F	RST CHIPR 2.0 KOHM +-1% 1/4W	
	715G2835 1	KEY BOARD PCB	
	PWPC8521MQGW	POWER BOARD	
	040G 45762412B	CBPC LABEL	
CN602	033G3802 4 DH L	WAFER	
CN602	033G3802 4 DH JF	WAFER	
CN801	033G8021 2E F	WAFER	
CN802	033G8021 2E F	WAFER	
IC902	056G 139 3A	IC PC123Y22FZ0F	
IC601	056G 616 34	IC APA2069JITUL 2.6W*2 PDIP-16	
NR901	061G 58080 WT	8 OHM NCT	
R908	061G152M10452T	RST MOFR 100KOHM +-5% 2WS	
C904	063G107K2246S1	X2 CAP 0.22UF K 275VAC	
C908	063G107K2246S1	X2 CAP 0.22UF K 275VAC	
C801	065G 3J3006ET	30PF 5% SL 3KV TDK	
C803	065G 3J3006ET	30PF 5% SL 3KV TDK	
C901	065G305M1022BP	Y2 1000PF M 250VAC Y5P	

C902	065G305M1022BP	Y2 1000PF M 250VAC Y5P	
C900	065G306M3322BP	3300PF 20%	
C907	067G 40Z10115K	CAP 105℃ 100UF M 450V	
C918	067G215B6814NV	E.C 25V 680UF KY25VB680M-CC3 10*20MM	
C917	067G215B6814NV	E.C 25V 680UF KY25VB680M-CC3 10*20MM	
C922	067G215D4714KV	E.C 105℃ CAP 470UF M 25V ED SERIES	
C802	067G215D4714KV	E.C 105℃ CAP 470UF M 25V ED SERIES	
C939	067G215D8214KV	EC 105℃ CAP 820UF M 25V	
C940	067G215S1024KV	EC 105℃ CAP 1000UF M 25V	
C921	067G215S4713KV	EC 105℃ CAP 470UF M 16V	
C915	067G215S4713KV	EC 105℃ CAP 470UF M 16V	
L905	073G 253 91 V1	CHOKE COIL 1.1UH	
L904	073G 253 91 V1	CHOKE COIL 1.1UH	
L903	073G 253 91 V1	CHOKE COIL 1.1UH	
T901	080GL19T 26 T	X'FMR 610UH SRW24LQL-T15H016	
CN901	087G 501 32 S	AC SOCKET	
CN901	087G 501 32 DL	AC SOCKET DIP 3PIN+2PIN GROUND	
CN601	088G 30214K DC	PHONE JACK 5PIN	
BD901	093G 50460 28	BRIDGE DIODE KBP208G LITEON	
BD901	093G 50460502	KBP206G	
D905	093G3006 1 1	31DQ06FC3 NIHON INTER	
D907	093G3006 1 1	31DQ06FC3 NIHON INTER	
CN902	095G 82010D508	WIRE HARNESS 10P(SAN)-9P(PH) 100MM	
CN902	095G 82010Q508	WIRE HARNESS 10P(SAN)-9P(PH) 100MM	2nd source
	705GQ757011	Q901 ASS'Y	
Q901	057G 667 30	2SK2645	
Q901	057G 724 11	STP9NK65ZFP	
	0M1G1730 8120	SCREW	
HS3	Q90G6263 3	HEAT SINK	
	705GQ793053	D906 ASS'Y	
D906	093G 60250	FCH10U10	
D906	093G 60267	SP10100	
	0M1G1730 8120	SCREW	
HS2	Q90G6263 3	HEAT SINK	
IC801	056G 379 22	IC TL494IDR SOIC-16	
IC901	056G 379 76	IC LD7552BPS SOP-8	
Q801	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q806	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q811	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q903	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q904	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q804	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q812	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q801	057G 417 12 T	KEC 2N3904S-RTK/PS	
Q806	057G 417 12 T	KEC 2N3904S-RTK/PS	
Q811	057G 417 12 T	KEC 2N3904S-RTK/PS	
Q903	057G 417 12 T	KEC 2N3904S-RTK/PS	
Q804	057G 417 13 T	KEC 2N3906S-RTK/PS	
Q812	057G 417 13 T	KEC 2N3906S-RTK/PS	
Q904	057G 417511	MMBT3904	
Q903	057G 417511	MMBT3904	

Q811	057G 417511	MMBT3904	
Q806	057G 417511	MMBT3904	
Q801	057G 417511	MMBT3904	
Q812	057G 417512	MMBT3906	
Q804	057G 417512	MMBT3906	
Q802	057G 600 55	P5506 HVG SO-8	
Q809	057G 758 1	2N7002ESOT23 SILICONIX	
Q809	057G 759 2	RK7002FD5T116 SOT-23 BY ROHM	
Q808	057G 760 4A	DTA144WN3/S SOT-23	
Q808	057G 760 4B	PDTA144WK SOT346	
Q805	057G 760 5A	DTC 144WN3/S SOT-23	
Q805	057G 760 5B	PDTC144WK SOT346	
Q802	057G 763 6	AO4828L	
Q802	057G 763 14	AM9945N	
Q809	057G 763904	TRA FET 2N7002 SOT-23 PHILIPS	
R823	061G0603000	RST CHIP MAX 0R05 1/10W	
R827	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R926	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R942	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R818	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R824	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R817	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R863	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R807	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R808	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R832	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R828	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R820	061G0603100 2F	RST CHIPR 10K OHM +-1% 1/10W	
R605	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R604	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R603	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R601	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R602	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R835	061G0603105	RST CHIPR 1M OHM +-5% 1/10W	
R862	061G0603105	RST CHIPR 1M OHM +-5% 1/10W	
R814	061G0603150 1F	RST CHIPR 1.5 KOHM +-1% 1/10W	
R801	061G0603150 1F	RST CHIPR 1.5 KOHM +-1% 1/10W	
R930	061G0603243 1F	RST CHIPR 2.43K OHM +-1% 1/10W	
R940	061G0603330 2F	RST CHIPR 33K OHM +-1% 1/10W	
R927	061G0603360 1F	RST CHIPR 3.6K OHM +-1% 1/10W	
R607	061G0603562	RST CHIPR 5.6 KOHM +-5% 1/10W	
R606	061G0603562	RST CHIPR 5.6 KOHM +-5% 1/10W	
R802	061G0603680 1F	RST CHIPR 6.8 KOHM +-1% 1/10W	
R851	061G0603680 1F	RST CHIPR 6.8 KOHM +-1% 1/10W	
R841	061G0603680 2F	RST CHIPR 68K OHM +-1% 1/10W	
R853	061G0603683	RST CHIPR 68K OHM +-5% 1/10W	
R803	061G0603684	RST CHIPR 680 KOHM +-5% 1/10W	
JR902	061G0805000	RST CHIP MAX 0R05 1/8W	
R831	061G0805100 1F	RST CHIPR 1K OHM +-1% 1/8W	
R821	061G0805100 1F	RST CHIPR 1K OHM +-1% 1/8W	
R822	061G0805100 1F	RST CHIPR 1K OHM +-1% 1/8W	

R915	061G0805100 3F	RST CHIPR 100KOHM +-1% 1/8W	
R804	061G0805101	1ST CHIPR 100 OHM +-5% 1/8W	
R826	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R925	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R939	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R952	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R938	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	
R608	061G0805109	RST CHIPR 1 OHM +-5% 1/8W	
R924	061G0805151	RST CHIPR 150 OHM +-5% 1/8W	
R825	061G0805220	RST CHIPR 22 OHM +-5% 1/8W	
R829	061G0805220	RST CHIPR 22 OHM +-5% 1/8W	
R839	061G0805220	RST CHIPR 22 OHM +-5% 1/8W	
R850	061G0805220	RST CHIPR 22 OHM +-5% 1/8W	
R947	061G0805471	RST CHIPR 470 OHM +-5% 1/8W	
R943	061G0805471	RST CHIPR 470 OHM +-5% 1/8W	
R837	061G0805473	RST CHIPR 47K OHM +-5% 1/8W	
R810	061G0805510 2F	RST CHIPR 51K OHM +-1% 1/8W	
F904	061G1206000	RST CHIP MAX 0R05 1/4W	
JR901	061G1206000	RST CHIP MAX 0R05 1/4W	
JR801	061G1206000	RST CHIP MAX 0R05 1/4W	
F801	061G1206000 4	RST CHIP MAX 0R05 1/4W	
F905	061G1206000 4	RST CHIP MAX 0R05 1/4W	
R910	061G1206100	RST CHIPR 10 OHM +-5% 1/4W	
R918	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R919	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R920	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R921	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R922	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R923	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R935	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R961	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R962	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R855	061G1206150	RST CHIPR 15 OHM +-5% 1/4W	
R856	061G1206150	RST CHIPR 15 OHM +-5% 1/4W	
R912	061G1206221	RST CHIPR 220 OHM +-5% 1/4W	
R933	061G1206304	RST CHIPR 300K OHM +-5% 1/4W	
R932	061G1206304	RST CHIPR 300K OHM +-5% 1/4W	
R904	061G1206304	RST CHIPR 300K OHM +-5% 1/4W	
R909	061G1206519	RST CHIPR 5.1 OHM +-5% 1/4W	
R900	061G1206684	RST CHIPR 680K OHM +-5% 1/4W	
R901	061G1206684	RST CHIPR 680K OHM +-5% 1/4W	
R902	061G1206684	RST CHIPR 680K OHM +-5% 1/4W	
C610	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C611	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C932	065G0603102 32	1000PF +-10% 50V X7R	
C842	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C612	065G0603104 12	CER2 0603 X7R 16V 100N P	
C613	065G0603104 12	CER2 0603 X7R 16V 100N P	
C807	065G0603104 22	CAP CHIP 0603 0.1UF K 25V X7R	
C821	065G0603104 22	CAP CHIP 0603 0.1UF K 25V X7R	
C825	065G0603104 22	CAP CHIP 0603 0.1UF K 25V X7R	

C834	065G0603104 22	CAP CHIP 0603 0.1UF K 25V X7R	
C819	065G0603222 22	CHIP 2200PF 25V X7R	
C823	065G0603222 22	CHIP 2200PF 25V X7R	
C601	065G0603474 12	MLCC 0603 0.47UF K 16V X7R	
C602	065G0603474 12	MLCC 0603 0.47UF K 16V X7R	
C603	065G0603474 12	MLCC 0603 0.47UF K 16V X7R	
C606	065G0603474 12	MLCC 0603 0.47UF K 16V X7R	
C928	065G0805103 32	CAP CHIP 0805 10NF K 50V X7R	
C824	065G0805104 32	CAP CHIP 0805 0.1UF K 50V X7R	
C911	065G0805104 32	CAP CHIP 0805 0.1UF K 50V X7R	
C924	065G0805104 32	CAP CHIP 0805 0.1UF K 50V X7R	
C930	065G0805104 32	CAP CHIP 0805 0.1UF K 50V X7R	
C931	065G0805104 32	CAP CHIP 0805 0.1UF K 50V X7R	
C608	065G0805105 22	CAP CHIP 0805 1UF K 25V X7R	
C609	065G0805105 22	CAP CHIP 0805 1UF K 25V X7R	
C822	065G0805105 22	CAP CHIP 0805 1UF K 25V X7R	
C839	065G0805152 31	1.5NF/50V	
C838	065G0805152 31	1.5NF/50V	
C820	065G080522131G	CAP CHIP 0805 220PF G 50V NPO	
C845	065G0805225 12	CAP CHIP 0805 2.2UF K 16V X7R	
C909	065G0805471 21	CAP CHIP 0805 470PF J 25V NPO	
C929	065G1206102 72	CAP CHIP 1206 1000PF K 500V X7R	
C912	065G1206102 72	CAP CHIP 1206 1000PF K 500V X7R	
C910	065G1206102 72	CAP CHIP 1206 1000PF K 500V X7R	
D802	093G 64 33	DIO SIG SM BAV99 (PHSE)R	
D801	093G 64 33	DIO SIG SM BAV99 (PHSE)R	
D916	093G 6432V	LL4148-GSO8	
D915	093G 6432V	LL4148-GSO8	
D903	093G 6432V	LL4148-GSO8	
D817	093G 6432V	LL4148-GSO8	
D814	093G 6432V	LL4148-GSO8	
D812	093G 6432V	LL4148-GSO8	
D807	093G 6432V	LL4148-GSO8	
D806	093G 6432V	LL4148-GSO8	
D805	093G 6432V	LL4148-GSO8	
D802	093G 6433S	DIODE BAV99 SEMTECH	
D801	093G 6433S	DIODE BAV99 SEMTECH	
ZD923	093G 39GA01 T	RLZ5.6B	
ZD922	093G 39GA26 T	ZENER DIODE RLZ5.1B SEMTECH	
ZD921	093G 39GA28 T	ZENER DIODE RLZ13B SEMTECH	
ZD902	093G 39GA28 T	ZENER DIODE RLZ13B SEMTECH	
ZD905	093G 39GA31 T	ZENER DIODE RLZ18B SEMTECH	
ZD923	093G 39S 24 T	RLZ 5.6B LLDS	
ZD922	093G 39S 25 T	RLZ5.1B LLDS	
ZD921	093G 39S 40 T	RLZ 13B LLDS	
ZD902	093G 39S 40 T	RLZ 13B LLDS	
ZD905	093G 39S 44 T	RLZ18B LLDS	
D805	093G 64S522SEM	LL4148	
D806	093G 64S522SEM	LL4148	
D916	093G 64S522SEM	LL4148	
D915	093G 64S522SEM	LL4148	

D903	093G 64S522SEM	LL4148	
D817	093G 64S522SEM	LL4148	
D814	093G 64S522SEM	LL4148	
D812	093G 64S522SEM	LL4148	
D807	093G 64S522SEM	LL4148	
CN901	006G 31500	EYELET	
IC903	056G 158 10 T	IC AS431AZTR-E1 TO-92	
IC903	056G 158 12	KIA431A-AT/P TO-92	
R946	061G152M15152T	RST MOFR 150 OHM +-5% 2WS	
R914	061G152M47852T	RST MOFR 0.47 OHM +-5% 2WS	
R948	061G152M56052T	RST MOFR 56 OHM +-5% 2WS	
C906	065G 2K152 1T6213	CAP CER 1500PF K 2KV	
C903	067G 2152207NT	KY50VB22M-TP5 5*11	
C604	067G215Y1014KT	EC CAP.105℃	
FB602	071G 55 9 T	FERRITE BEAD	
FB901	071G 55 29	FERRITE BEAD	
F901	084G 56 3 B	FUSE 3.15A 250V	
F901	084G 56 3W	FUSE	
D900	093G 6026T52T	RECTIFIER DIODE FR107	
D900	093G 6026W52T	FR107	
D901	093G 6038P52T	PS102R	
D901	093G 6038T52T	FR103	
J904	095G 90 23	JUMPER	
J903	095G 90 23	JUMPER	
J902	095G 90 23	JUMPER	
J901	095G 90 23	JUMPER	
J813	095G 90 23	JUMPER	
J812	095G 90 23	JUMPER	
J811	095G 90 23	JUMPER	
J809	095G 90 23	JUMPER	
J806	095G 90 23	JUMPER	
J805	095G 90 23	JUMPER	
J804	095G 90 23	JUMPER	
J803	095G 90 23	JUMPER	
J914	095G 90 23	JUMPER	
J912	095G 90 23	JUMPER	
J911	095G 90 23	JUMPER	
J910	095G 90 23	JUMPER	
J807	095G 90 23	JUMPER	
J605	095G 90 23	JUMPER	
J602	095G 90 23	JUMPER	
J601	095G 90 23	JUMPER	
J909	095G 90 23	JUMPER	
J908	095G 90 23	JUMPER	
J907	095G 90 23	JUMPER	
J906	095G 90 23	JUMPER	
J905	095G 90 23	JUMPER	
J802	095G 90 23	JUMPER	
J801	095G 90 23	JUMPER	
	715G2852 2	POWER BOARD PCB	
	Q51G 6 4509	GLUE_RTV	

L901	S73L17440VG	TRANSFORMER GROUPWARE	
	071FPU16502 00	MAGNETIC CORE UU16L A10	
	S73L17440VG-Z	TRANSFORMER GROUPWARE	
	034FPU16T01P02	FRAMEWORK UU16P082367 4SLOT	
T801	S80GL17T40V	TRANSFORMER ASS'Y	
	Q34FPE19P06	CASE EEL19	
	071FPE19301 02	FP2 EEL19 01	
	Q34FPE19P06P01	FRAMEWORK EEL19HP09 10SLOT	
	Q15G0248201	MAIN FRAME	
	Q33G0170ABJ 1L0100	KEY PAD	
	Q33G0171 1 1C0100	LENS	
	Q34G0273BDJA3B0130	BEZEL(L156W-8Q3)	
	Q34G0274ABJE1B0100	REAR COVER15.6"	
	Q40G 15N962 1B	RATING LABEL	
	Q44G5022101	EPS	
	Q44G5022201	EPS	
	Q44G5022962 1A	15.6W LCD FUJITSU CARTON	
	Q45G 77 5	PE PACKING	
	Q45G 88607 28	PE BAG FOR CLAMP/STAND	
	Q45G 88609101	EPE COVER	
	041G 68623 1A	CERTIFICATED CARD	
	045G 76 28 RN	PE BAG FOR MANUAL	
	Q41G5000962 1A	MANUAL	
	040G 58162435A	P/N LABEL FOR MANUAL PE BAG	
	Q40G0001962 3A	CARTON LABEL	

12. Different Parts List

Diversity of T6RMM5NCWXFYAN Compared with T6RMM5NCWXFBAN			
Location	**Part No. for TPV**	**Description**	**Remark**
E08902	089G 725HAA DB	D-SUB CABLE	2nd source
E08902	089G 725LAA DB	D-SUB CABLE	2nd source
E08901	089G402A15N CX	POWER CORD	
E08901	089G402A15N YH	POWER CORD	2nd source
	Q34G0274ABJC1B0100	REAR COVER15.6"	