

Service
Service
Service



Service Manual

Horizontal Frequency
30 - 83kHz

Table of Contents

Description	Page	Description	Page
Table of Contents.....	1	6.1.Main Board.....	26
Revision List.....	2	6.2.Power Board.....	32
Important Safety Notice.....	3	6.2.Key Board.....	33
1.Monitor Specification.....	4	7.PCB Layout.....	34
2.LCD Monitor Description.....	6	7.1.Main Board.....	38
3.Operation Instruction.....	7	7.2.Power Board.....	37
3.1.Control Buttons and Connections.....	7	7.3.Key Board.....	39
3.2.OSD Setting.....	9	8.Maintainability.....	40
4.Input/Output Specification.....	19	8.1.Equipments and Tools Requirement.....	40
4.1.Input Signal Connector.....	19	8.2.Trouble Shooting.....	41
4.2.Preset Display Modes.....	21	9.White-Balance,Luminance Adjustment.....	45
4.3.Panel Specification.....	22	10.Monitor Exploded View.....	47
5.Block Diagram.....	24	11.BOM List.....	49
5.1.Main Board.....	24		
5.2.Power Board.....	25		
6.Schematic.....	26		

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 TRANSFORMER FOR THIS UNIT WHEN SERVICING

Revision List

[illegible]

Important Safety Notice

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

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

Hereafter throughout this manual, AOC Company will be referred to as AOC.

WARNING

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

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

FOR PRODUCTS CONTAINING LASER:

DANGER-Invisible laser radiation when open AVOID DIRECT EXPOSURE TO BEAM.

CAUTION-Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION -The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.

Take care during handling the LCD module with backlight unit

- Must mount the module using mounting holes arranged in four corners.
- Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
- Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
- Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
- Make certain that treatment person's body is grounded through wristband.
- Do not leave the module in high temperature and in areas of high humidity for a long time.
- Avoid contact with water as it may a short circuit within the module.
- If the surface of panel becomes dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)

1. Monitor Specifications

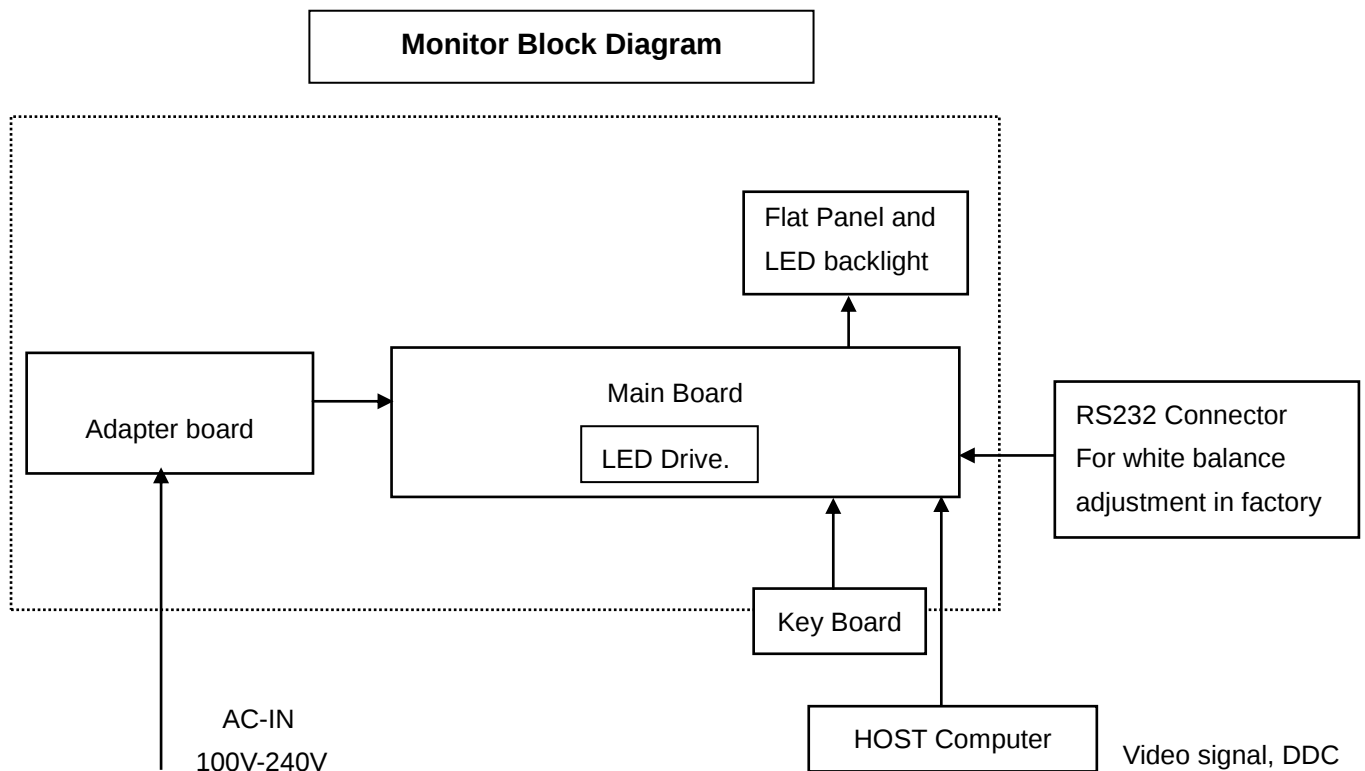
Panel	Model name	E2261F _w /E2261F _{WH}
	Driving system	TFT Color LCD
	Viewable Image Size	54.7cm diagonal
	Pixel pitch	0.2482(H)mm x 0.2482(V)mm
	Video (E2261F _w)	R, G, B Analog Interface & Digital Interface
	Video (E2261F _{WH})	R, G, B Analog Interface & HDMI Interface
	Separate Sync.	H/V TTL
	Display Color	16.7M Colors
	Dot Clock	148.5MHz
Resolution	Horizontal scan range	30 kHz - 83 kHz
	Horizontal scan Size(Maximum)	476.64mm
	Vertical scan range	50 Hz - 76 Hz
	Vertical scan Size(Maximum)	268.11mm
	Optimal preset resolution	1920×1080@60Hz
	Plug & Play	VESA DDC2B/CI
	Input Connector (E2261F _w)	VGA/DVI
	Input Connector (E2261F _{WH})	VGA/HDMI
	Input Video Signal	Analog: 0.7Vp-p(standard), 75 OHM, TMDS
	Power Source	12Vdc,3.0A
	Power Consumption	Active 22W (typical) Standby < 0.5 W
	Off timer	0-24 hrs
Physical Characteristics	Connector Type (E2261F _w)	VGA/DVI
	Connector Type (E2261F _{WH})	VGA/HDMI
	Signal Cable Type	Detachable
Environmental	Temperature:	
	Operating	0° to 40°
	Non-Operating	-25° to 55°
	Humidity:	
	Operating	10% to 85% (non-condensing)
	Non-Operating	5% to 93% (non-condensing)
	Altitude:	
	Operating	0~ 3658m (0~ 12000 ft)
	Non-Operating	0~ 12192m (0~ 40000 ft)

Panel	Model name	E2461F _w /E2461F _{WH}
	Driving system	TFT Color LCD
	Viewable Image Size	59.8 cm diagonal
	Pixel pitch	0.2715mm(H) x 0.2715mm(V)
	Video (E2461F _w)	R, G, B Analog Interface & Digital Interface
	Video (E2461F _{WH})	R, G, B Analog Interface & HDMI Interface
	Separate Sync.	H/V TTL
	Display Color	16.7M Colors
	Dot Clock	148.5 MHz
Resolution	Horizontal scan range	30 kHz - 83 kHz
	Horizontal scan Size(Maximum)	521.28mm
	Vertical scan range	50 Hz - 76 Hz
	Vertical scan Size(Maximum)	293.22mm
	Optimal preset resolution	1920 x 1080@60Hz
	Plug & Play	VESA DDC2B/CI
	Input Connector (E2461F _w)	VGA/DVI
	Input Connector (E2461F _{WH})	VGA/HDMI
	Input Video Signal	Analog: 0.7Vp-p(standard), 75 OHM, TMDS
	Power Source	12Vdc,3.0A
	Power Consumption	Active 24W (typical)
		Standby < 0.5 W
	Off timer	0-24 hrs
Physical Characteristics	Connector Type (E2461F _w)	VGA/DVI
	Connector Type (E2461F _{WH})	VGA/HDMI
	Signal Cable Type	Detachable
Environmental	Temperature:	
	Operating	0° to 40°
	Non-Operating	-25°to 55°
	Humidity:	
	Operating	10% to 85% (non-condensing)
	Non-Operating	5% to 93% (non-condensing)
	Altitude:	
	Operating	0~ 3658m (0~ 12000 ft)
	Non-Operating	0~ 12192m (0~ 40000 ft)

2.LCD Monitor Description

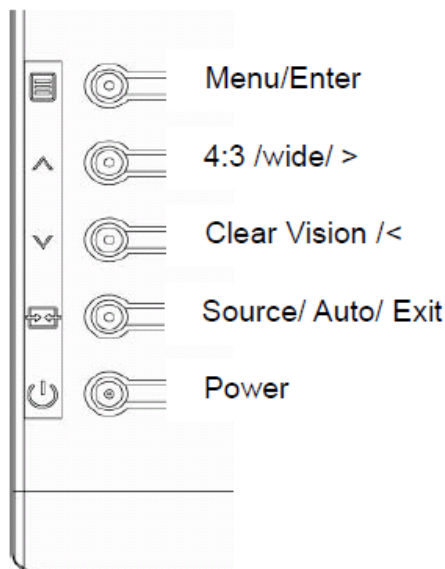
The LCD monitor will contain a main board, a adapter board and a key board which house the flat panel control logic, brightness control logic and DDC.

The power part 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 Control Buttons and Connections



Power

Press the Power button to turn on/off the monitor.

4:3 or Wide / >

When there is no OSD, press > continuously to change 4:3 or wide image ratio. (If the product screen size is 4:3 or input signal resolution is wide format, the hot key is disable to adjust.)

Auto / Exit

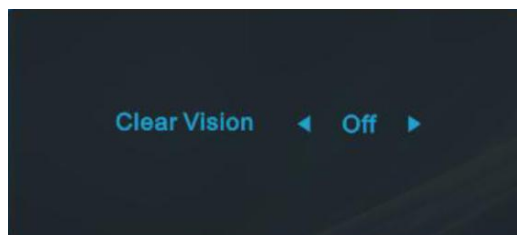
When there is no OSD, press Auto/Source button continuously about 3 second to do auto configure

Source hot key

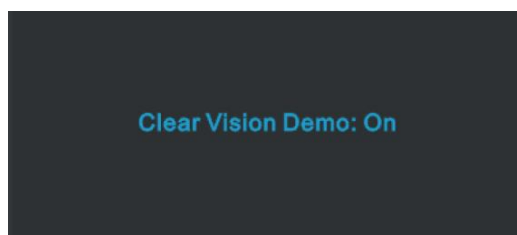
When the OSD is closed, press Source button will be Source hot key function. Press Source button continuously to select the input source showed in the message bar , press Menu/Enter button to change to the source selected.

Clear Vision

1. When there is no OSD, Press the "<" button to activate Clear Vision.
2. Use the "<" or ">" buttons to select between weak, medium, strong, or off settings. Default setting is always "off".

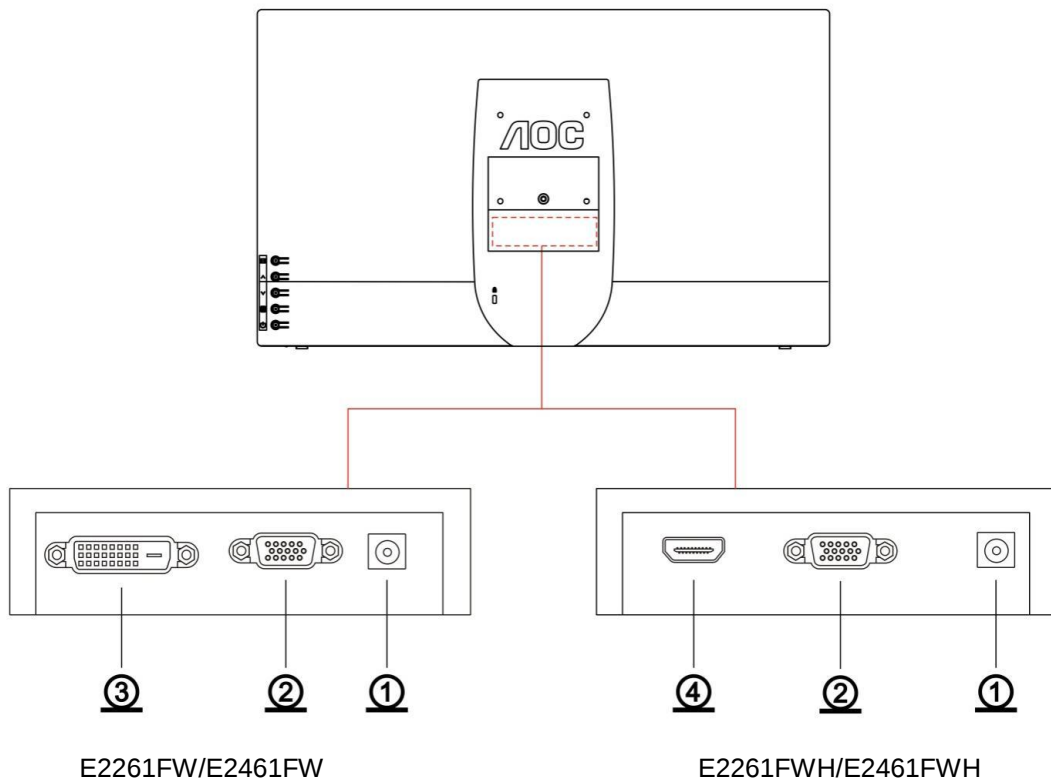


3. Press and hold "<" button for 5 seconds to activate the Clear Vision Demo, and a message of "Clear Vision Demo: on" will be display on the screen for a duration of 5 seconds. Press Menu or Exit button, the message will disappear. Press and hold "<" button for 5 seconds again, Clear Vision Demo will be off.



Clear Vision function provides the best image viewing experience by converting low resolution and blurry images into clear and vivid images.

Cable Connections In Back of Monitor and Computer:



1. DC port
2. Analog (DB-15 VGA cable)
3. DVI (E2261FW/E2461FW)
4. HDMI(E2261FWH/E2461FWH)

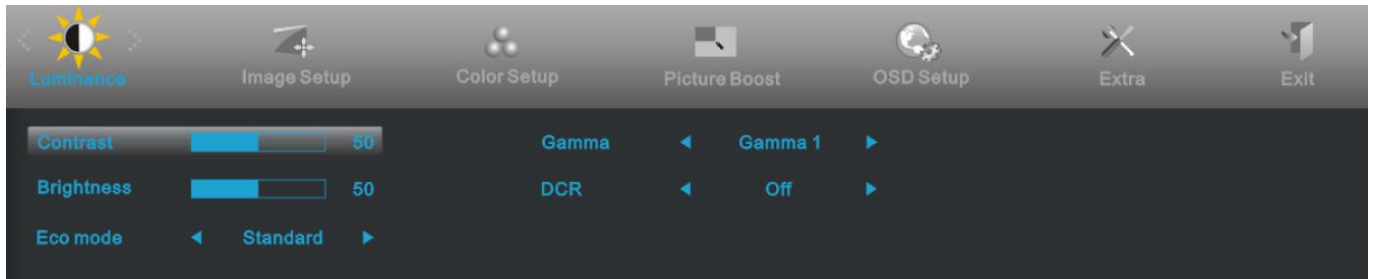
To protect equipment, always turn off the PC and LCD monitor before connecting.

1. Connect the power cable to the DC port on the back of the monitor.
2. Connect one end of the 15-pin D-Sub cable to the back of the monitor and connect the other end to the computer's D-Sub port.
3. Optional –(Requires a video card with DVI port) - Connect one end of the DVI cable to the back of the monitor and connect the other end to the computer's DVI port.
4. Optional –(Requires a video card with HDMI port) - Connect one end of the HDMI cable to the back of the monitor and connect the other end to the computer's HDMI port.
5. Turn on your monitor and computer.

If your monitor displays an image, installation is complete. If it does not display an image, please refer Troubleshooting.

3.2 OSD Setting

Basic and simple instruction on the control keys.



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. Press < or > to navigate through the sub-menu. Once the desired function is highlighted, press **MENU-button** to activate.
3. Press < or > to change the settings of the selected function. Press **AUTO** to exit. If you want to adjust any other function, repeat steps 2-3.
4. 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.

Notes:

1. If the product has only one signal input, the item of "Input Select" is disabled.
2. If the product screen size is 4:3 or input signal resolution is wide format, the item of "Image Ratio" is disabled.
3. One of Clear vision, DCR, Color Boost, and Picture Boost functions is activated; the other three functions are turned off accordingly.

Luminance



1 Press **MENU** (Menu) to display menu.

2 Press < or > to select  (Luminance), and press **MENU** to enter.

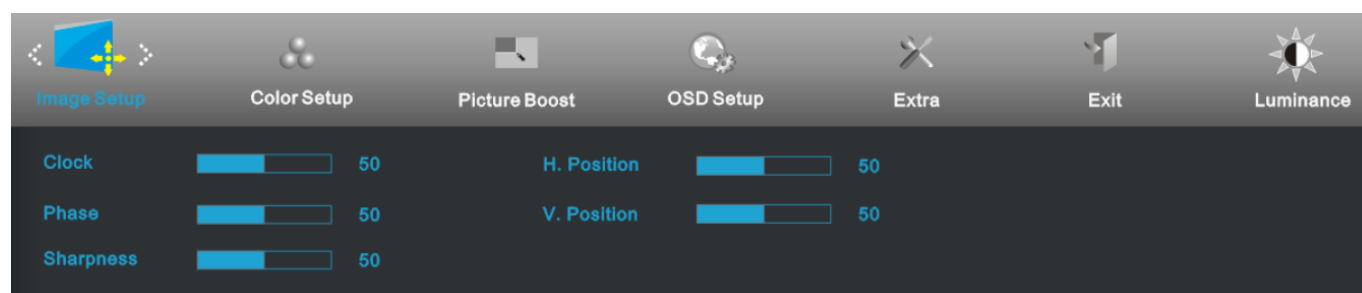
3 Press < or > to select submenu, and press **MENU** to enter.

4 Press < or > to adjust.

5 Press **AUTO** to exit.

	Brightness	0-100		Backlight Adjustment.
	Contrast	0-100		Contrast from Digital-register.
	Eco mode	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.
	Overdrive	Weak		Adjust the response time (only for E2261F _{WH} /E2461F _{WH})
		Medium		
		Strong		
		Off		

Image Setup



1 Press **MENU** (Menu) to display menu.

2 Press < or > to select  (Image Setup), and press **MENU** to enter.

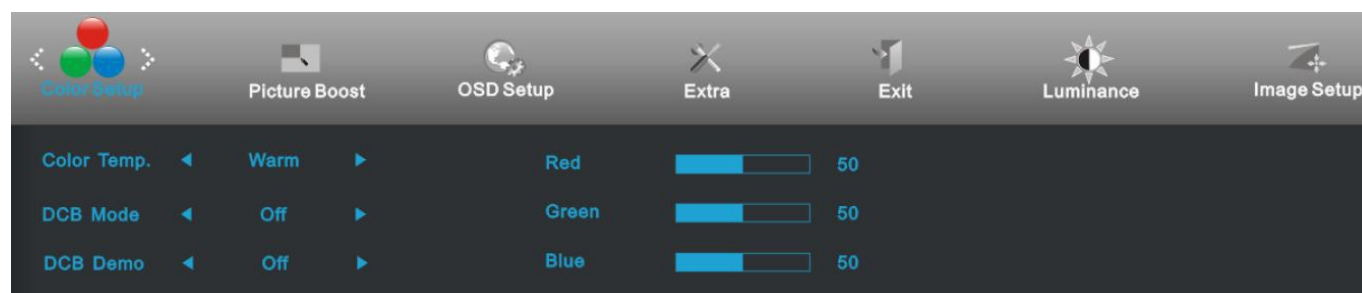
3 Press < or > to select submenu, and press **MENU** to enter.

4 Press < or > to adjust.

5 Press **AUTO** to exit.

	Clock	0-100	Adjust picture Clock to reduce Vertical-Line noise.
	Phase	0-100	Adjust Picture Phase to reduce Horizontal-Line noise.
	Sharpness	0-100	Adjust picture sharpness.
	H.Position	0-100	Adjust the horizontal position of the picture.
	V.Position	0-100	Adjust the vertical position of the picture.

Color Setup



1 Press **MENU** (Menu) to display menu.

2 Press < or > to select  (Color Setup), and press **MENU** to enter.

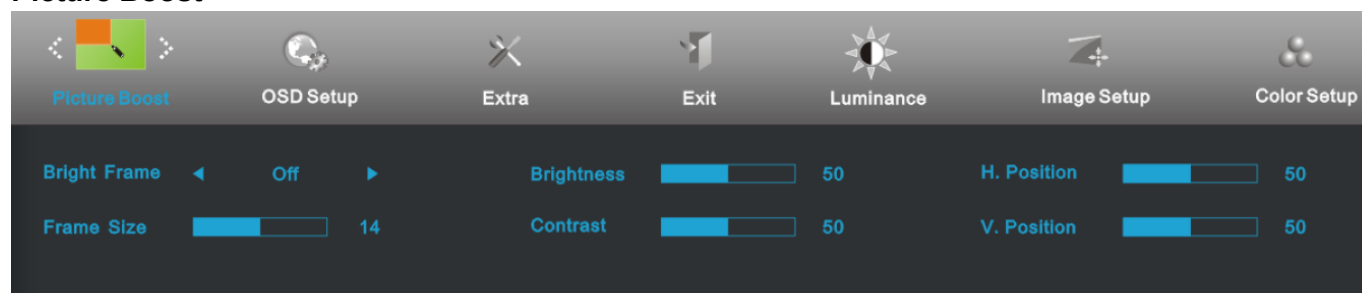
3 Press < or > to select submenu, and press **MENU** to enter.

4 Press < or > to adjust.

5 Press **AUTO** to exit.

	Color setup.	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	Red	Red Gain from Digital-register.
			Green	Green Gain Digital-register.
			Blue	Blue Gain from Digital-register.
	DCB Mode	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.
	DCB Demo		on or off	Disable or Enable Demo.

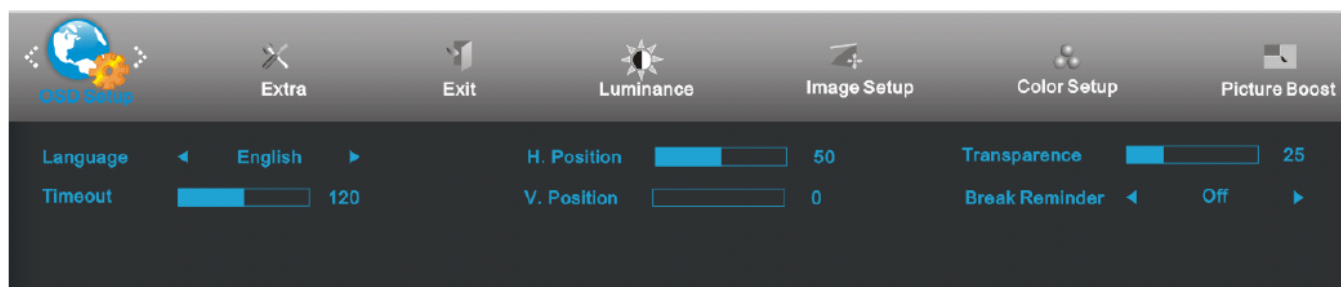
Picture Boost



- 1 Press **MENU** (Menu) to display menu.
- 2 Press < or > to select  (Picture Boost), and press **MENU** to enter.
- 3 Press < or > to select submenu, and press **MENU** to enter.
- 4 Press < or > to adjust.
- 5 Press **AUTO** to exit.

	Frame Size	14-100	Adjust Frame Size.
	Brightness	0-100	Adjust Frame Brightness.
	Contrast	0-100	Adjust Frame Contrast.
	H. position	0-100	Adjust Frame horizontal position.
	V. position	0-100	Adjust Frame vertical position.
	Bright Frame	on or off	Disable or Enable Bright Frame.

OSD Setup



1 Press **MENU** (Menu) to display menu.

2 Press < or > to select  (OSD Setup), and press **MENU** to enter.

3 Press < or > to select submenu, and press **MENU** to enter.

4 Press < or > to adjust.

5 Press **AUTO** to exit.

	H. Position	0-100	Adjust the horizontal position of OSD.
	V. Position	0-100	Adjust the vertical position of OSD.
	Timeout	5-120	Adjust the OSD Timeout.
	Transparence	0-100	Adjust the transparence of OSD.
	Language		Select the OSD language.
	Break Reminder	on or off	Disable or Enable (1 hour of work, break ?) / (2 hours of work, break ?)

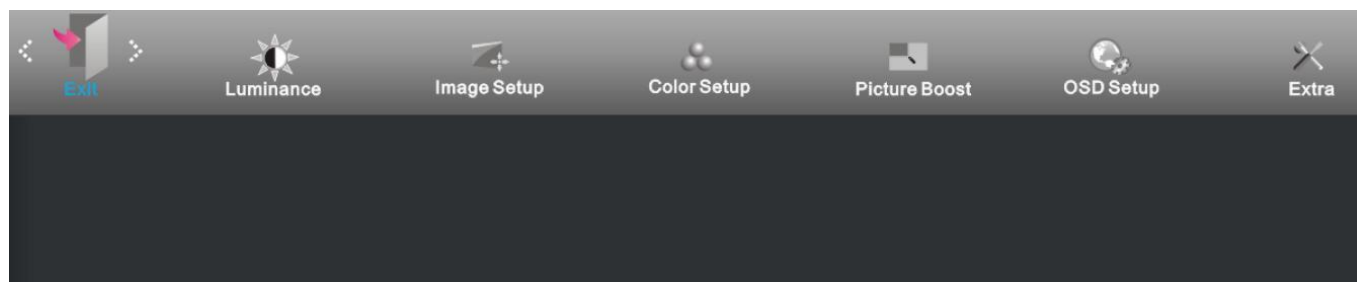
Extra



- 1 Press **MENU** (Menu) to display menu.
- 2 Press < or > to select  (Extra), and press **MENU** to enter.
- 3 Press < or > to select submenu, and press **MENU** to enter.
- 4 Press < or > to adjust.
- 5 Press **AUTO** to exit.

	Input Select	Auto / Analog / DVI	Select input signal source. (E2261Fw & E2461Fw)
	Input Select	Auto / Analog / HDMI	Select input signal source. (E2261Fwh & E2461Fwh)
	Auto Config	yes or no	Auto adjust the picture to default.
	Off timer	0-24hrs	Select DC off time.
	Image Ratio	wide or 4:3	Select wide or 4:3 format for display.
	DDC-CI	yes or no	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.

Exit



- 1 Press **MENU** (Menu) to display menu.
- 2 Press < or > to select  (Exit), and press **MENU** to enter.
- 3 Press < or > to select submenu, and press **MENU** to enter.
- 4 Press < or > to adjust.
- 5 Press **AUTO** to exit.

	Exit		Exit the main OSD
---	------	--	-------------------

LED Indicators

Status	LED Color
Full Power Mode	Blue / Green
Active-off Mode	Orange / Red

e-Saver

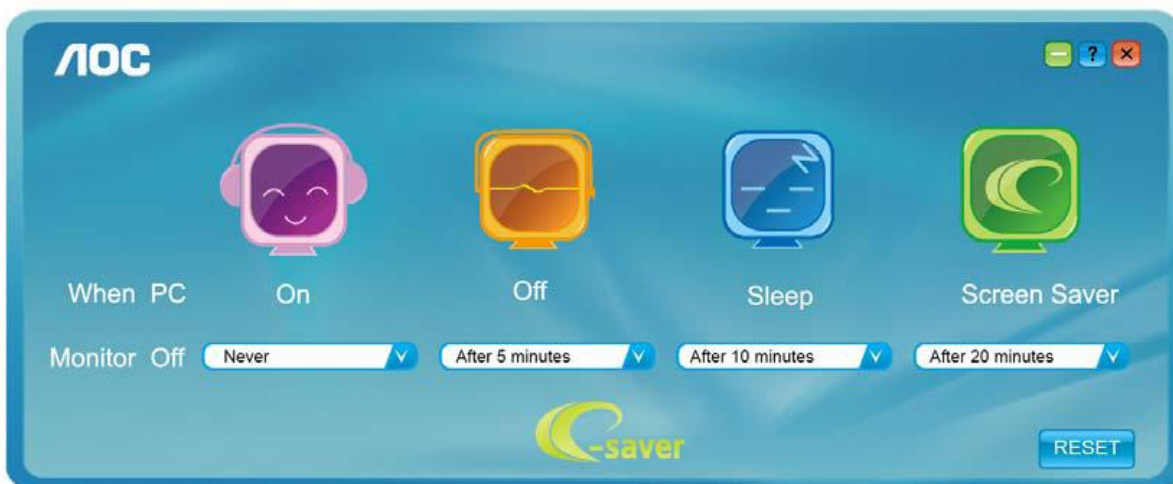


Welcome to use AOC e-Saver monitor power management software! The AOC e-Saver features Smart Shutdown functions for your monitors, allows your monitor to timely shutdown when PC unit is at any status (On, Off, Sleep or Screen Saver); the actual shutdown time depends on your preferences (see example below).

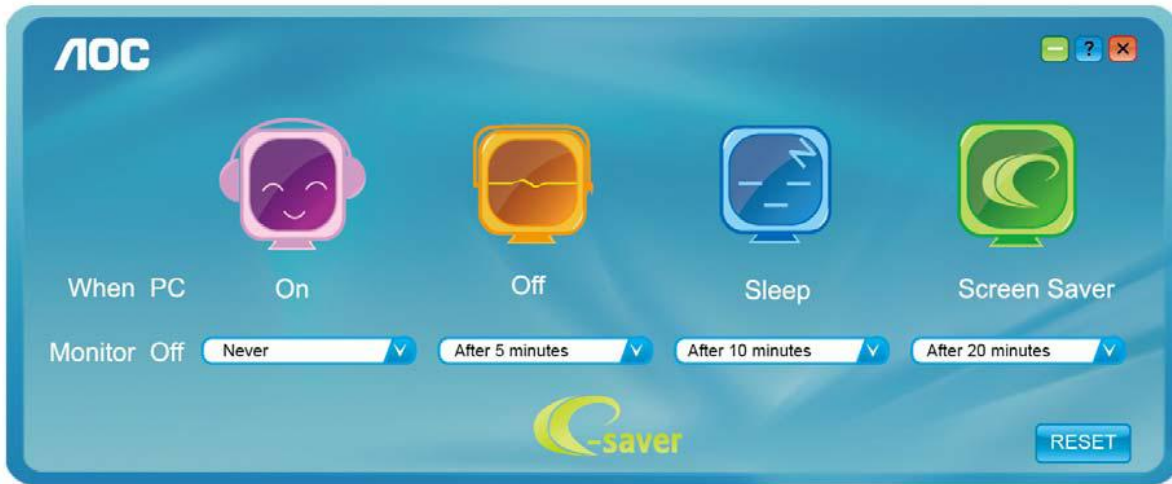
Please click on "driver/e-Saver/setup.exe" to start installing the e-Saver software, follow the install wizard to complete software installation.

Under each of the four PC status, you may choose from the pull-down menu the desired time (in minutes) for your monitor to automatically shutdown. The example above illustrated:

- 1) The monitor will never shutdown when the PC is powered on.
- 2) The monitor will automatically shutdown 5 minutes after the PC is powered off.
- 3) The monitor will automatically shutdown 10 minutes after the PC is in sleep/stand-by mode.
- 4) The monitor will automatically shutdown 20 minutes after the screen saver appears.



You can click "RESET" to set the e-Saver to its default settings like below.



Screen+

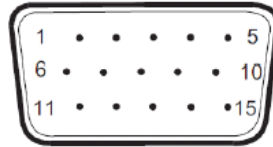


Welcome to "Screen+" software by AOC, Screen+ software is a desktop screen splitting tool, it splits the desktop into different panes, each pane displays a different window. You only need to drag the window to a corresponding pane, when you want to access it. It supports multiple monitor display to make your task easier. Please follow the installation software to install it.

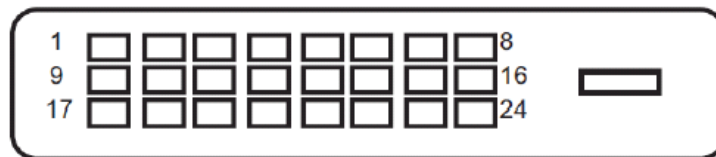


4. Input/Output Specification

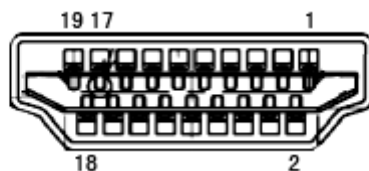
4.1 Input Signal Connector



Pin Number	15-Pin Side of the Signal Cable	Pin Number	15-Pin Side of the Signal Cable
1	Video-Red	9	+5V
2	Video-Green	10	Ground
3	Video-Blue	11	N.C.
4	N.C.	12	DDC-Serial data
5	Detect Cable	13	H-sync
6	GND-R	14	V-sync
7	GND-G	15	DDC-Serial clock
8	GND-B		



Pin Number	24-Pin Color Display Signal Cable	Pin Number	24-Pin Color Display Signal Cable
1	TMDS data 2—	13	TMDS data 3+
2	TMDS data 2+	14	+5V Power
3	TMDS data 2/4 Shield	15	Ground (for+5V)
4	TMDS data 4—	16	Hot Plug Detect
5	TMDS data 4+	17	TMDS data 0—
6	DDC Clock	18	TMDS data 0+
7	DDC Data	19	TMDS data 0/5 Shield
8	N.C.	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 data 3—	24	TMDS Clock —



Pin No.	Signal Name	Pin No.	Signal Name	Pin No.	Signal Name
1	TMDS Data 2+	9	TMDS Data 0	17	DDC/CEC Ground
2	TMDS Data 2 Shield	10	TMDS Clock +	18	+5V Power
3	TMDS Data 2	11	TMDS Clock Shield	19	Hot Plug Detect
4	TMDS Data 1+	12	TMDS Clock		
5	TMDS Data 1Shield	13	CEC		
6	TMDS Data 1	14	Reserved (N.C. on device)		
7	TMDS Data 0+	15	SCL		
8	TMDS Data 0 Shield	16	SDA		

4.2 Preset Display Modes

STANDARD	RESOLUTION	HORIZONTAL FREQUENCY(kHz)	VERTICAL FREQUENCY(Hz)
VGA	640×480@60Hz	31.469	59.940
VGA	640×480@72Hz	37.861	72.809
VGA	640×480@75Hz	37.500	75.000
SVGA	800×600@56Hz	35.156	56.250
SVGA	800×600@60Hz	37.879	60.317
SVGA	800×600@72Hz	48.077	72.188
SVGA	800×600@75Hz	46.875	75.000
XGA	1024×768@60Hz	48.363	60.004
XGA	1024×768@75Hz	60.023	75.029
SXGA	1280×1024@60Hz	63.981	60.020
SXGA	1280×1024@75Hz	79.976	75.025
WXGA	1440×900@60Hz	55.935	59.876
WSXGA	1680×1050@60Hz	65.290	59.950
WSXGA	1920×1080@60Hz	67.500	60.000
IBM-MODE DOS	720×400@70Hz	31.469	70.087
MAC MODE VGA	640×480@67Hz	35.000	66.667
MAC MODE SVGA	832×624@75Hz	49.725	74.551

4.3 Panel Specification

4.3.1 General Features

TPM215HW01-HGJL02 is a 21.5" TFT Liquid Crystal Display module with WLED Backlight unit and 30 pins 2ch-LVDS interface. This module supports 1920 x 1080 Full HD mode and can display up to 16.7M colors.

4.3.2 General Specifications

Item	Specification	Unit
Screen Size	21.53" real diagonal	
Driver Element	a-si TFT active matrix -	-
Pixel Number	1920 x R.G.B. x 1080 pixel	Pixel
Pixel Pitch	0.2482 (H) x 0.2482 (V) mm	mm
Pixel Arrangement	RGB vertical stripe -	-
Display Colors	16.7M color	-
Transmissive Mode	Normally white	Color
Surface Treatment	AG type, 3H hard coating, Haze 25%	-
Luminance, White	250 cd/m ²	Cd/m ²
Power Consumption	Total (19.35)W(Max.)@cell (6.35)W (Max.), BL (13)W (Max.)	-

Item		Min.	Typ.	Max.	Unit
Module Size	Horizontal(H)	495.1	495.6	496.1	mm
	Vertical(V)	291.7(291.85)	292.2(292.35)	292.7(292.85)	mm
	Thickness(D)	8.4	8.9	9.4	mm
Bezel Area	Horizontal(H)	479.34	479.84	480.34	mm
	Vertical(V)	270.81	271.31	271.81	mm
Active Area	Horizontal(H)		476.64		mm
	Vertical(V)		268.11		mm
Weight		-	TBD		g

4.3.3 Electrical Characteristics

Electrical characteristics

V_{cc} = 5.0 V, T_a = 25 ± 2 °C, Fr = 60Hz

Parameter	Symbol	Value			Unit
		Min.	Typ.	Max.	
Power Supply Voltage	V _{cc}	4.5	5	5.5	V
Ripple Voltage	V _{rp}	-	-	300	mV
Rush Current	I _{rush}			3	A
Power Supply Current—White			0.51	0.61	A
Power Supply Current--Black			1.05	1.26	A
Power Supply Current--Vertical Stripe			1.06	1.26	A
Power Consumption	PLCD		5.3	6.3	Watt
LVDS differential input voltage	VID	200	-	600	mV
LVDS common input voltage	VIC	1.0	1.2	1.4	V

LED array electrical characteristics

Ta = 25 ± 2 °C

Parameter	Symbol	Value			Unit
		Min	Typ.	Max.	
Light Bar Input Voltage	V _{LED}	35	41.6	48.1	V _{DC}
Light Bar Input Current	I _{LE□}	58	60	63	mA DC
Power Consumption	P _{LED}	8.1	9.9	12	W
LED Life Time	L _{BL}	30000			Hrs
IFP LED Peak forward current	I _{LED}			180	mA DC

4.3.4 Optical Characteristics

Ta= 25°C ,

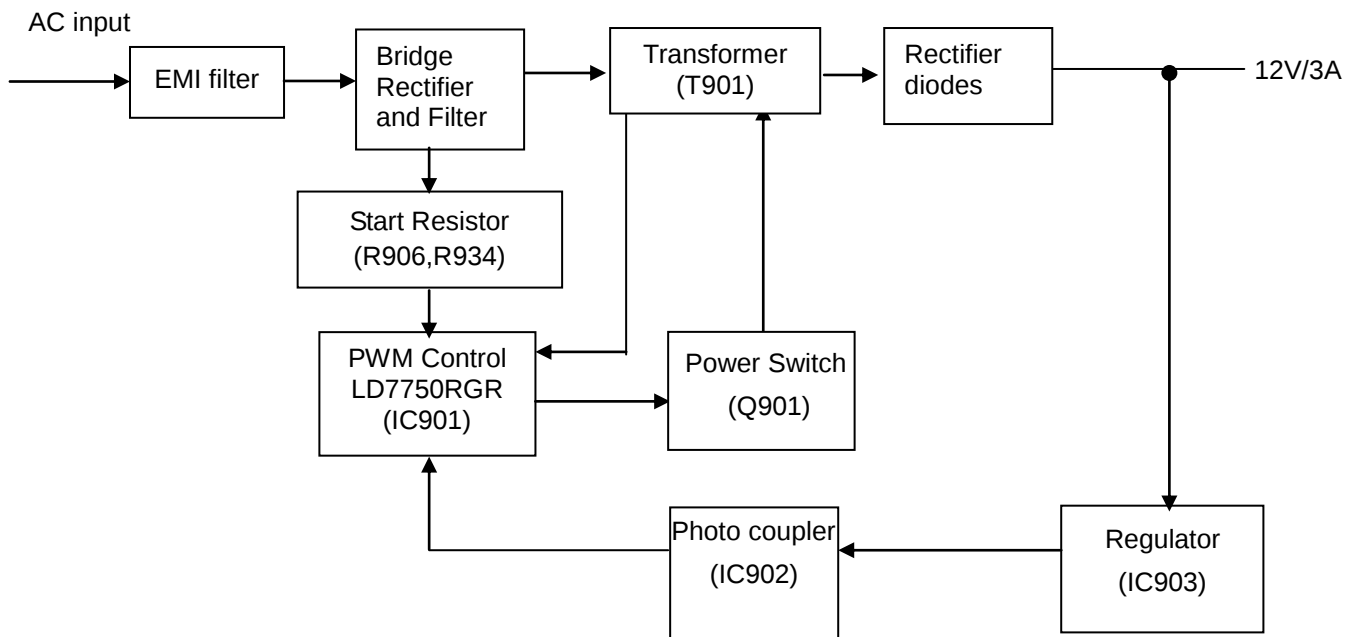
Item		Symbol	Condition	Min.	Typ.	Max.	Unit
Color Chromaticity (CIE 1931)	Red	R _x	$\theta_x=0^\circ, \theta_Y=0^\circ$ R=G=B=255 Grayscale	Typ – 0.03	0.641	Typ + 0.03	
		R _y			0.338		
	Green	G _x			0.315		
		G _y			0.629		
	Blue	B _x			0.159		
		B _y			0.059		
	White	W _x			0.313		
		W _y			0.329		
	Center Luminance of White (Center of Screen)				L _C		
Contrast Ratio		CR	700	1000	---	-	
Response Time		T _R	$\theta_x=0^\circ, \theta_Y=0^\circ$	---	1.5	2.2	ms
		T _F		---	3.5	5.5	ms
White Variation		δW	$\theta_x=0^\circ, \theta_Y=0^\circ$	75	80	--	-
Viewing Angle	Horizontal	θ _{x-} + θ _{x+}	CR ≥ 10 BM-5A	150	170	---	Deg.
	Vertical	θ _{y-} + θ _{y+}		140	160	---	
	Horizontal	θ _{x-} + θ _{x+}	CR ≥ 5 BM-5A	160	178	---	
	Vertical	θ _{y-} + θ _{y+}		150	170	---	

715G5089M02000004S

24

5.2 Power Board

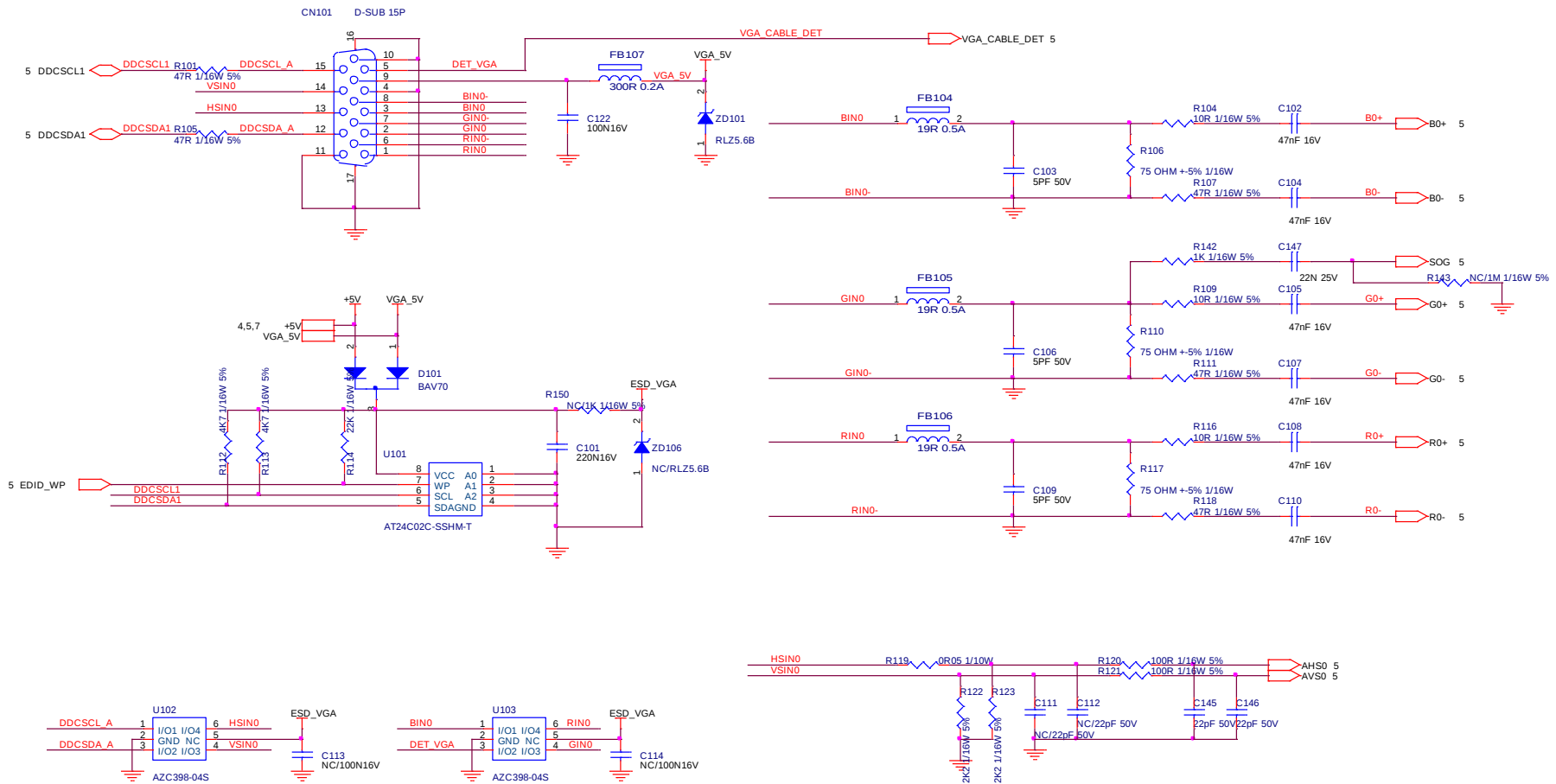
715G3980P04000003M



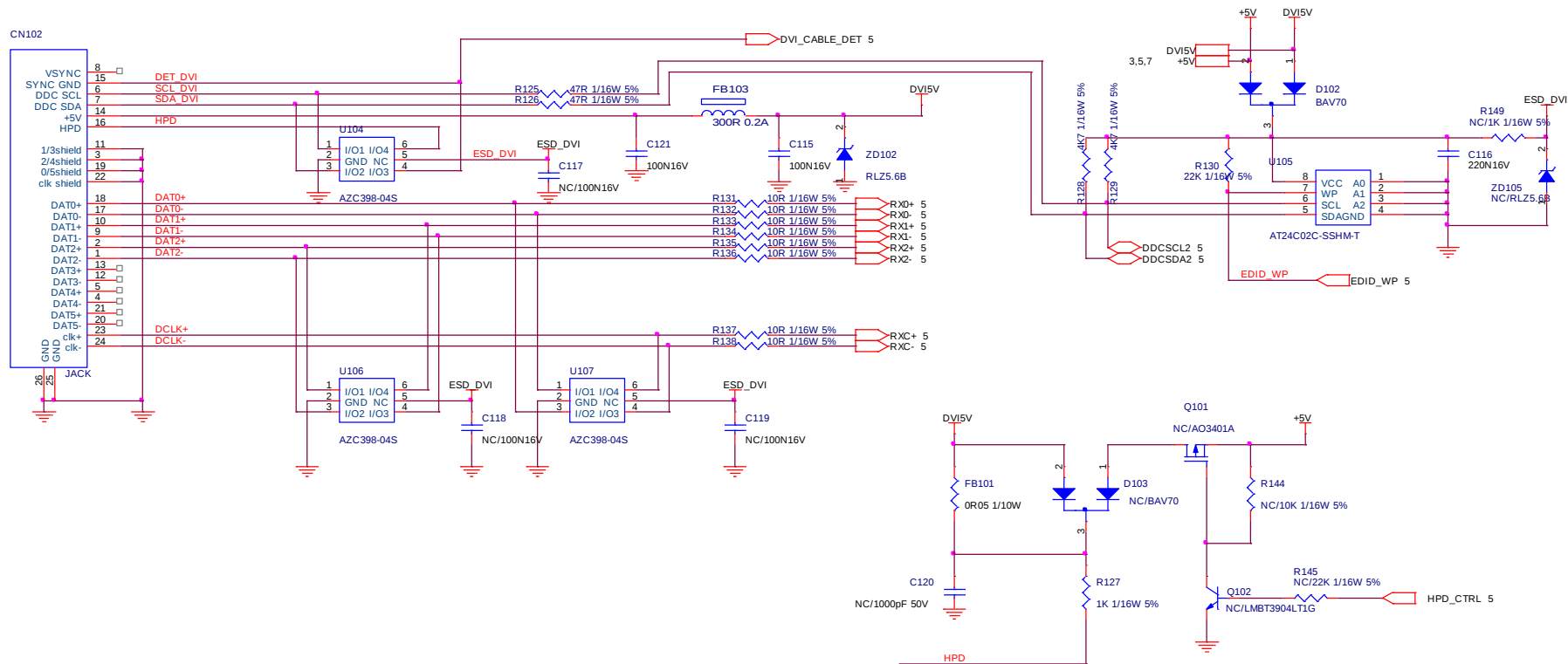
6. Schematic

6.1 Main Board

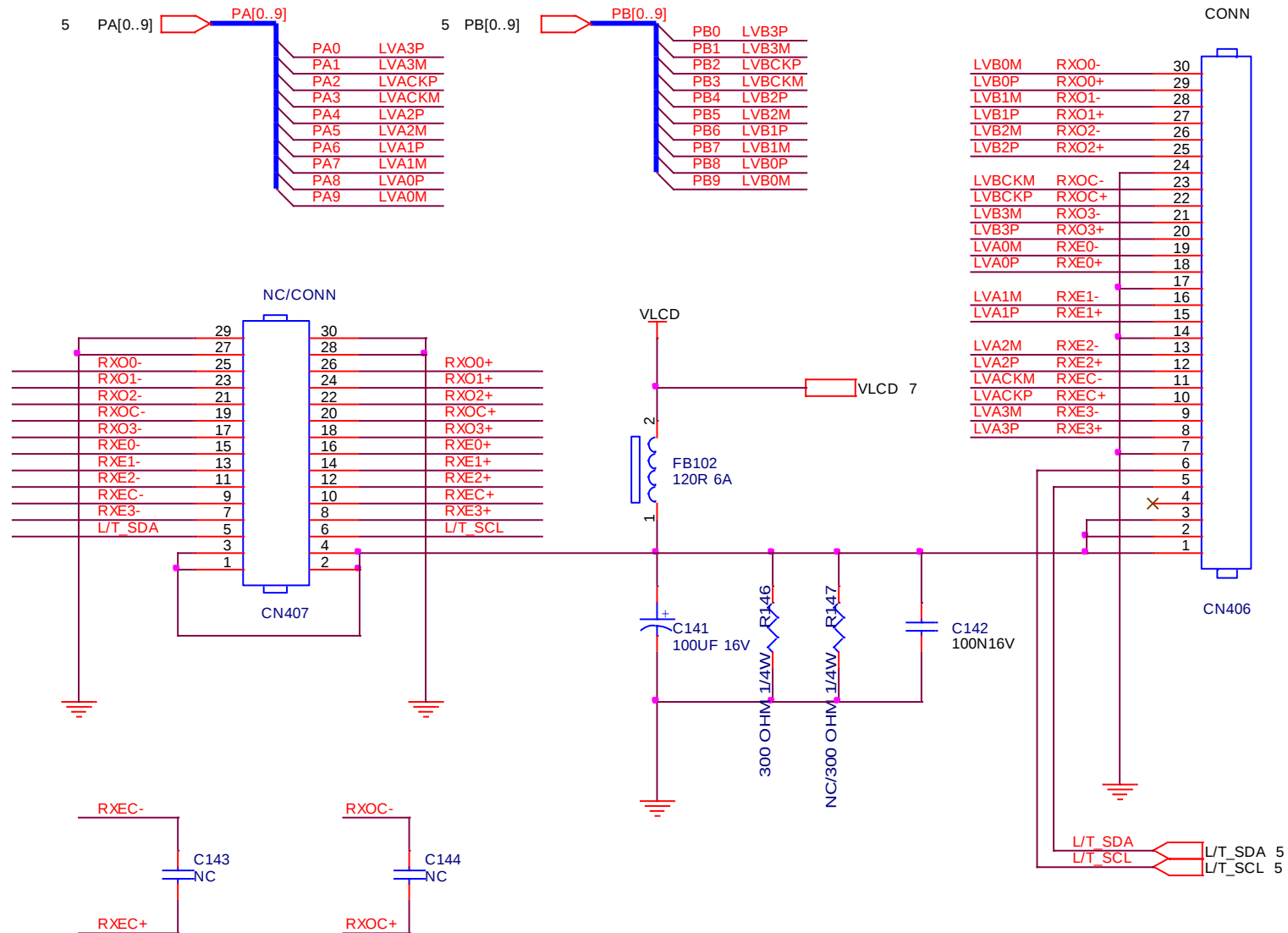
715G5089M02000004S



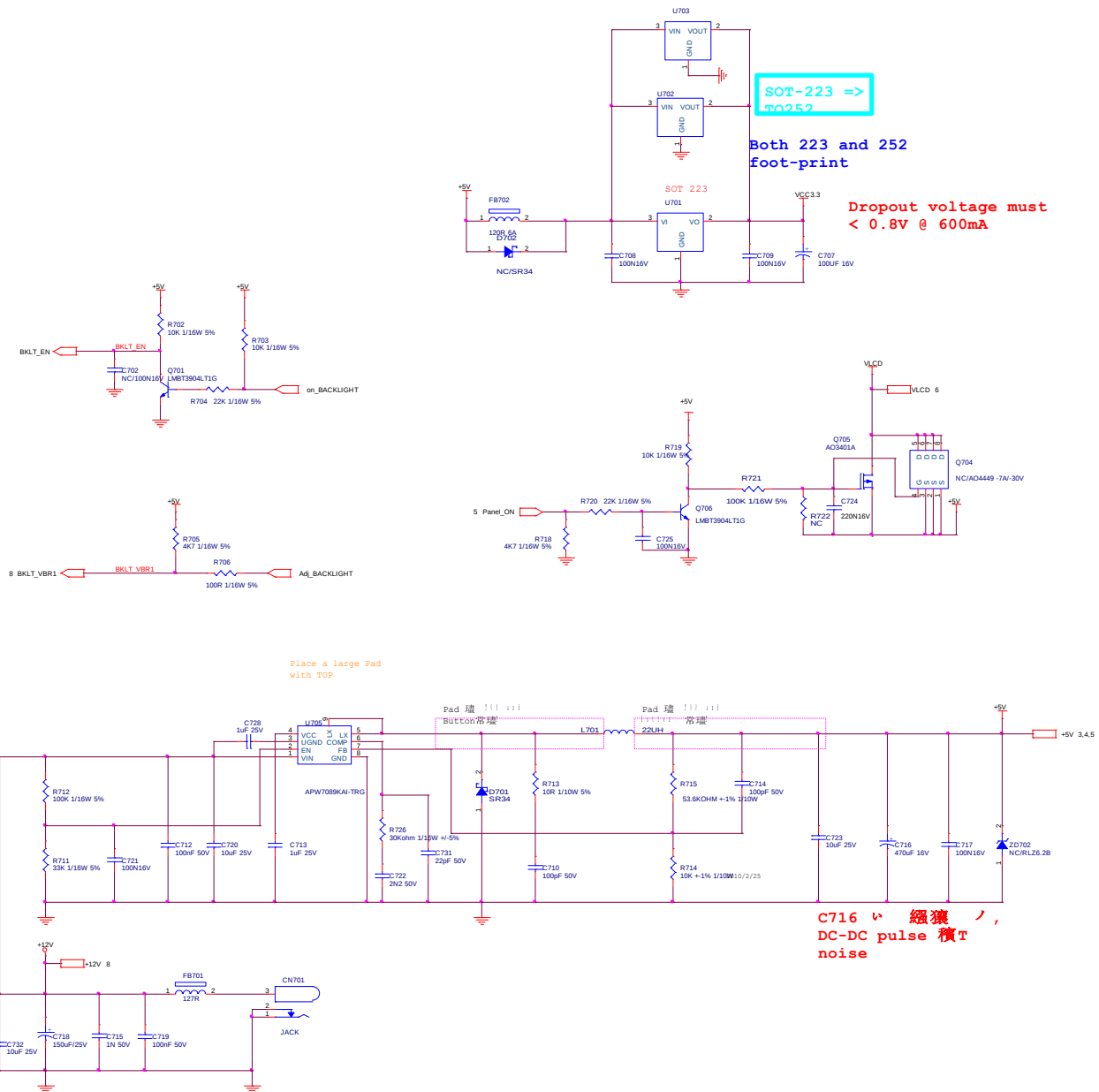
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	AOC E2461FW	Size	B
結構瓜銀版	G5089-M1B-000-0040-1-120802	TPV MODEL	AOC E2461FW	Rev
Key Component	D-SUB I/O	PCB NAME	715G5089M1B00000040	Rev
Date	Thursday, August 02, 2012	Sheet	3 of 8	Rev



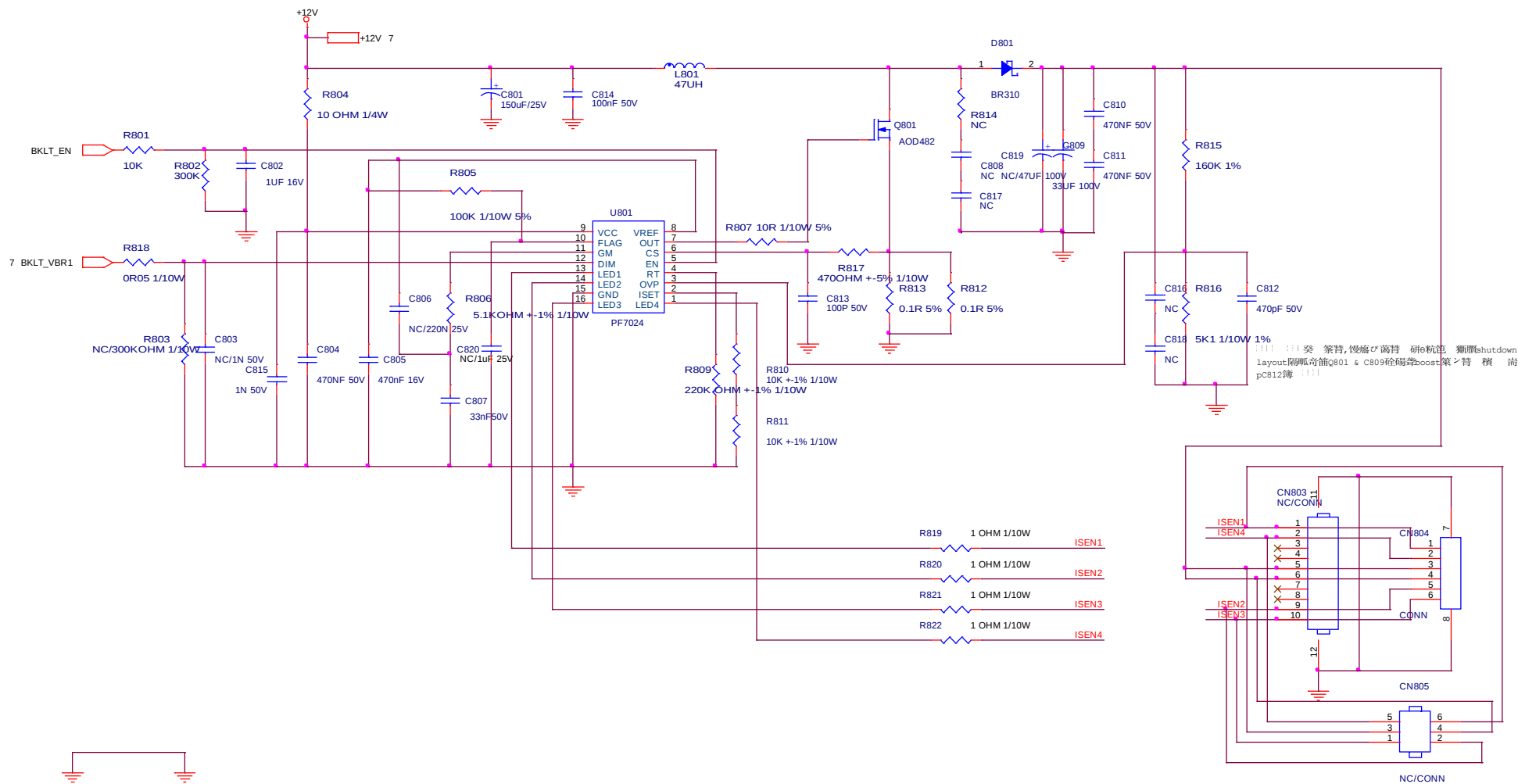
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	AOC E2461FW	Size	B
板廠編號	TPV MODEL	G5089-M1B-000-0040-1-120802	Rev	A
Key Component	PCB NAME	715G5089M1B00000040	修圖	<修圖>
Date	Thursday, August 02, 2012	Sheet	4 of 8	



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	AOC E2461FW	Size	A
結隔瓜網膜	G5089-M1B-000-0040-1-120802	TPV MODEL	Rev	A
Key Component	LVDS PANEL I/O	PCB NAME	715G5089M1B0000040	称爹
Date	Thursday, August 02, 2012	Sheet	6 of 8	<称爹>



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	AOC E2461PW	Size	C
TPV MODEL	AOC E2461PW	Rev	A	
Key Components	POWER	715CS699M18000040	PCB NAME	Sheet 7 of 8
Date	Thursday, August 02, 2012			<修訂>

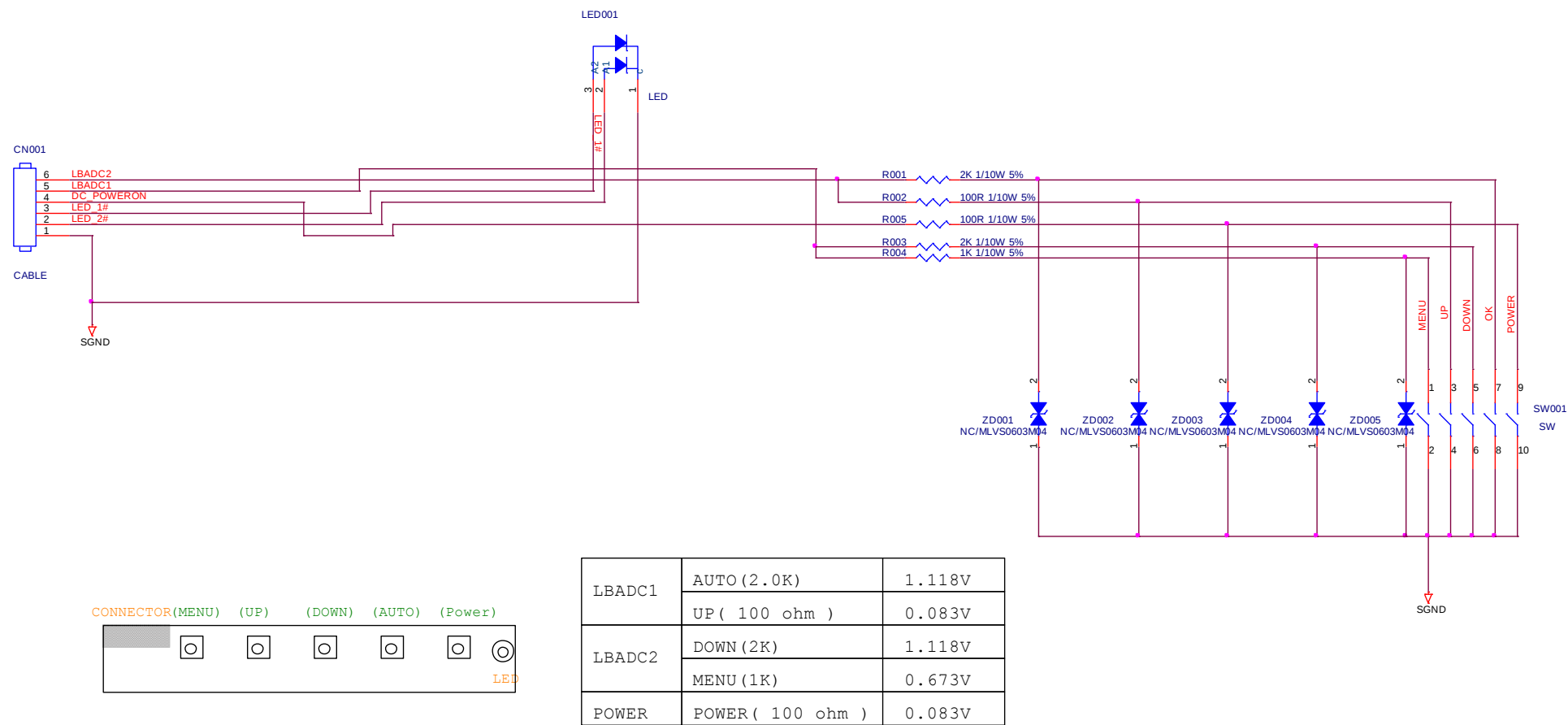


T P V (Top Victory Electronics Co., Ltd.)	OEM MODEL	AOC E2461FW	Size	Custom
括 隔 瓜 銅 腹	G5089-M1B-000-0040-1-120802	TPV MODEL	AOC E2461FW	Rev
Key Component	CONVERT	PCB NAME	715G5089M1B00000040	称 爹
Date	Thursday, August 02, 2012	Sheet	8 of 8	<称爹>

715G3980P04000003M



6.3 Key Board
715G5799K0B000004X

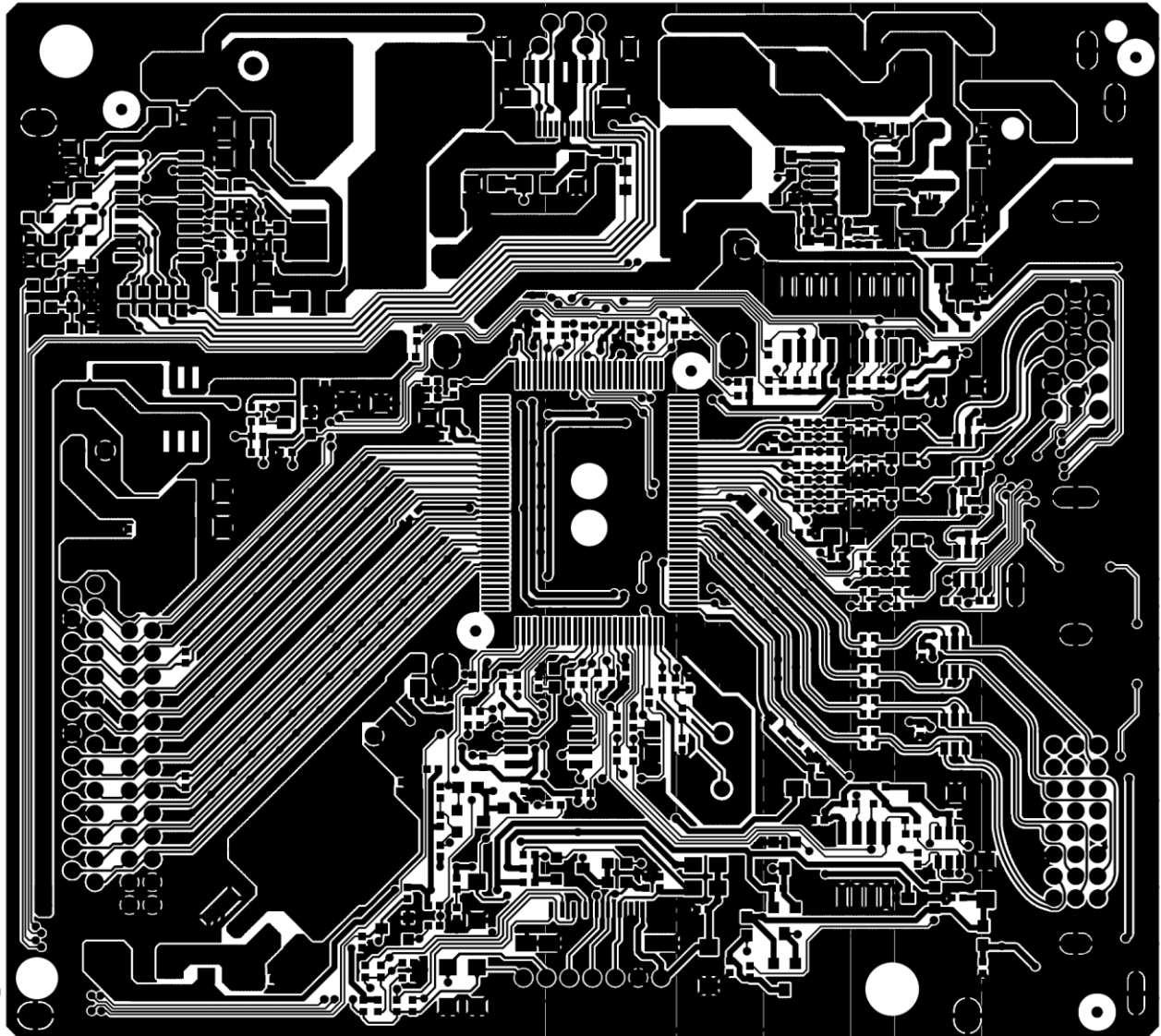


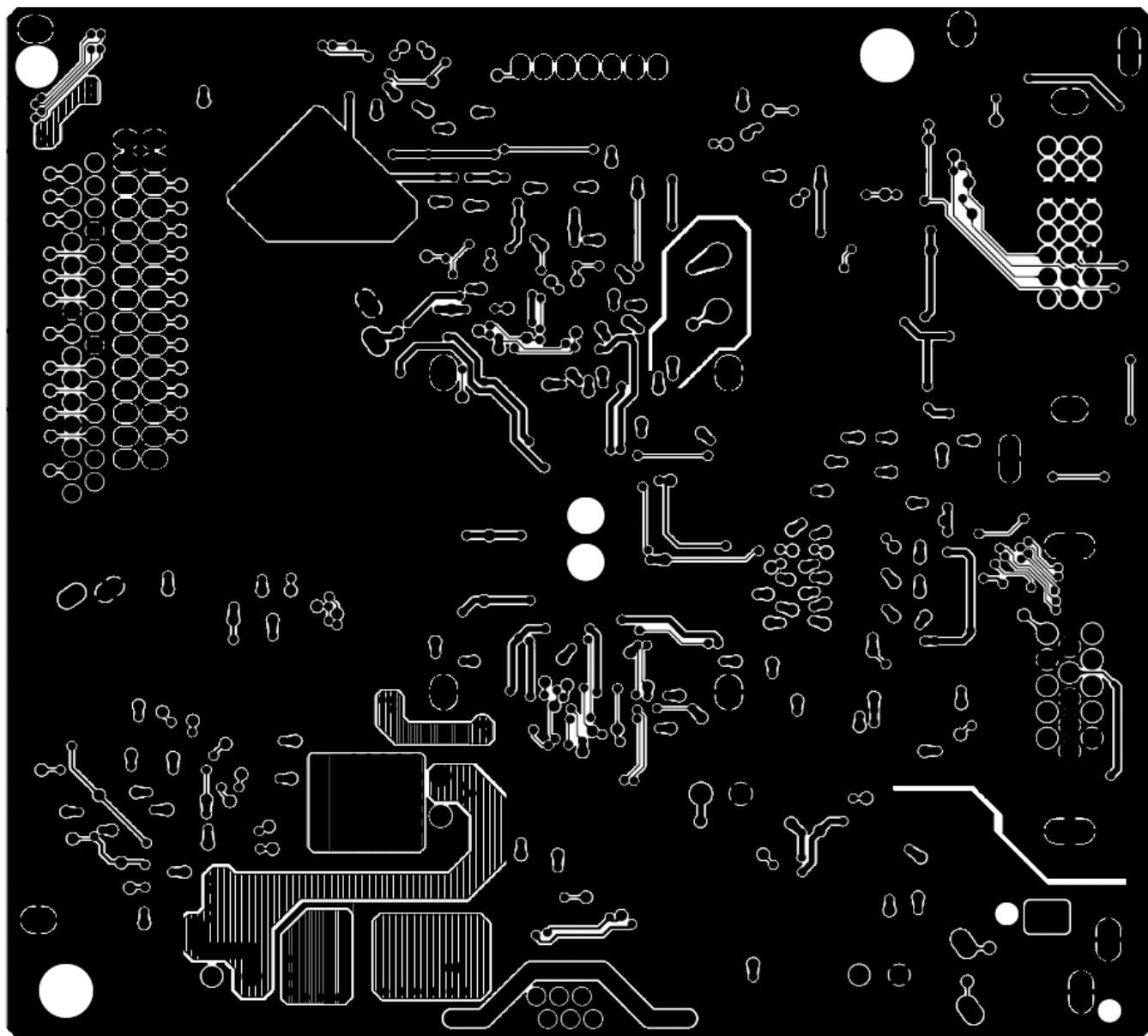
T P V (Top Victory Electronics Co., Ltd.)		OEM MODEL	AOC	Size	B
結構圖	715G5611-K0A	TPV MODEL	AOC 67ID	Rev	B
Key Component	2.0.key	PCB NAME	715G5611-K0A-000-0040	称爹	<称爹>
Date	Wednesday, July 18, 2012	Sheet	2 of 2		

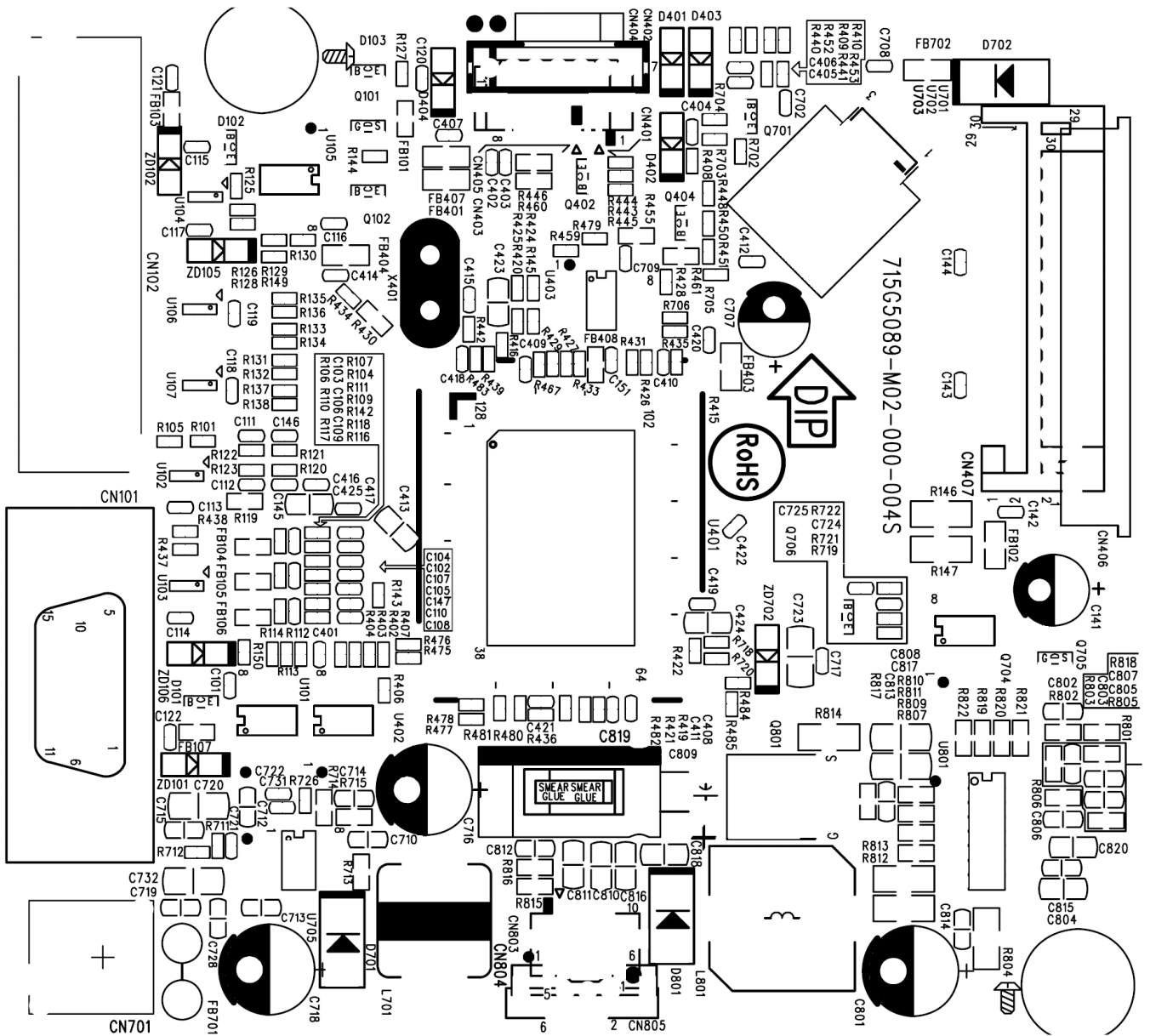
7. PCB Layout

7.1 Main Board

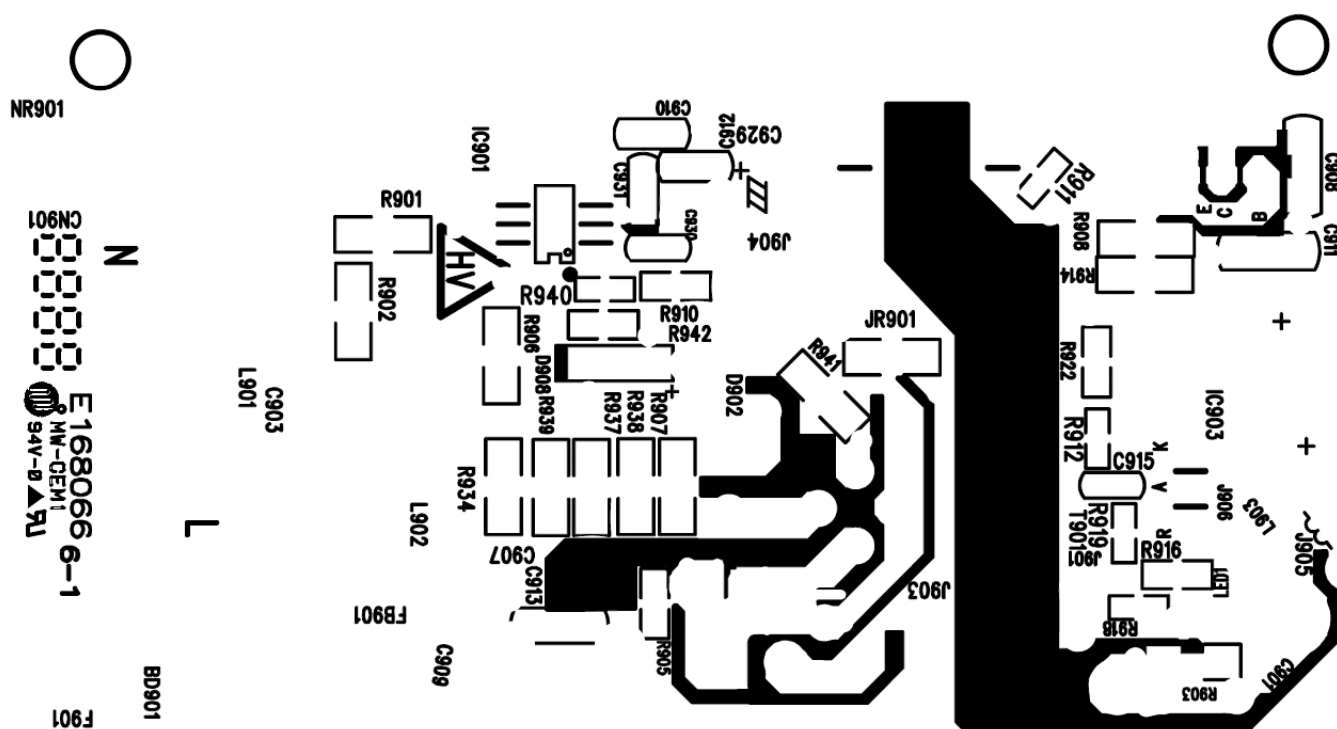
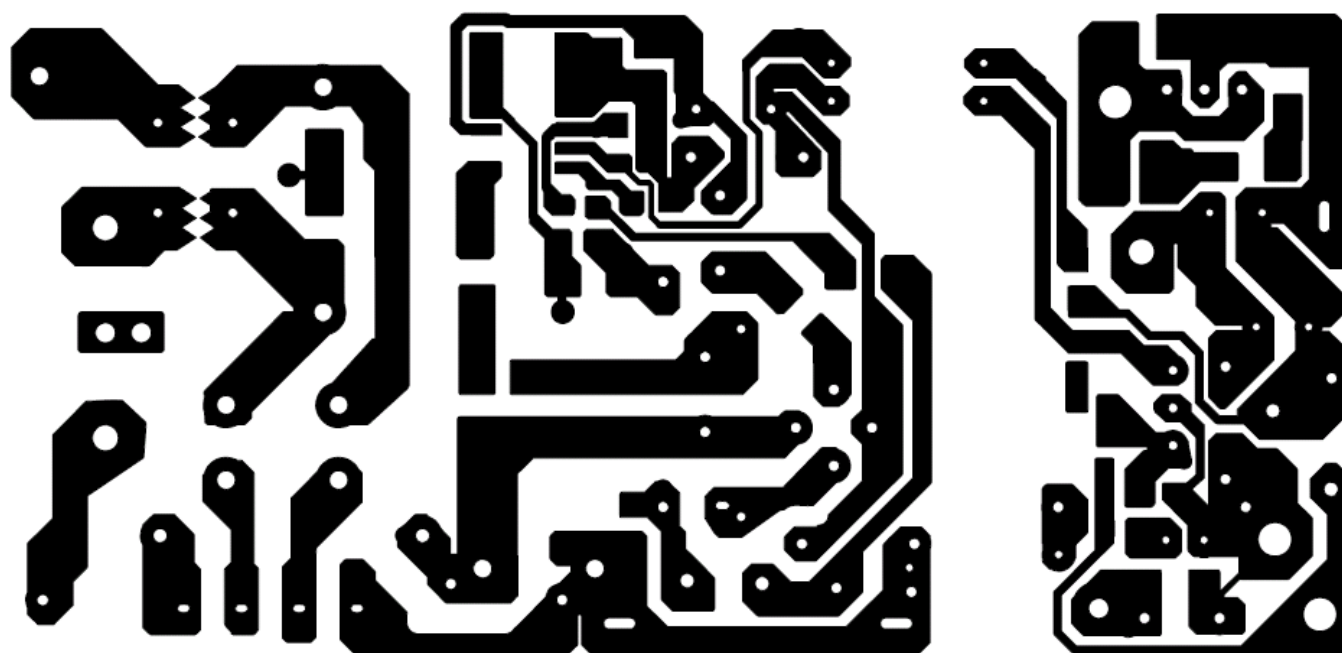
715G5089M02000004S





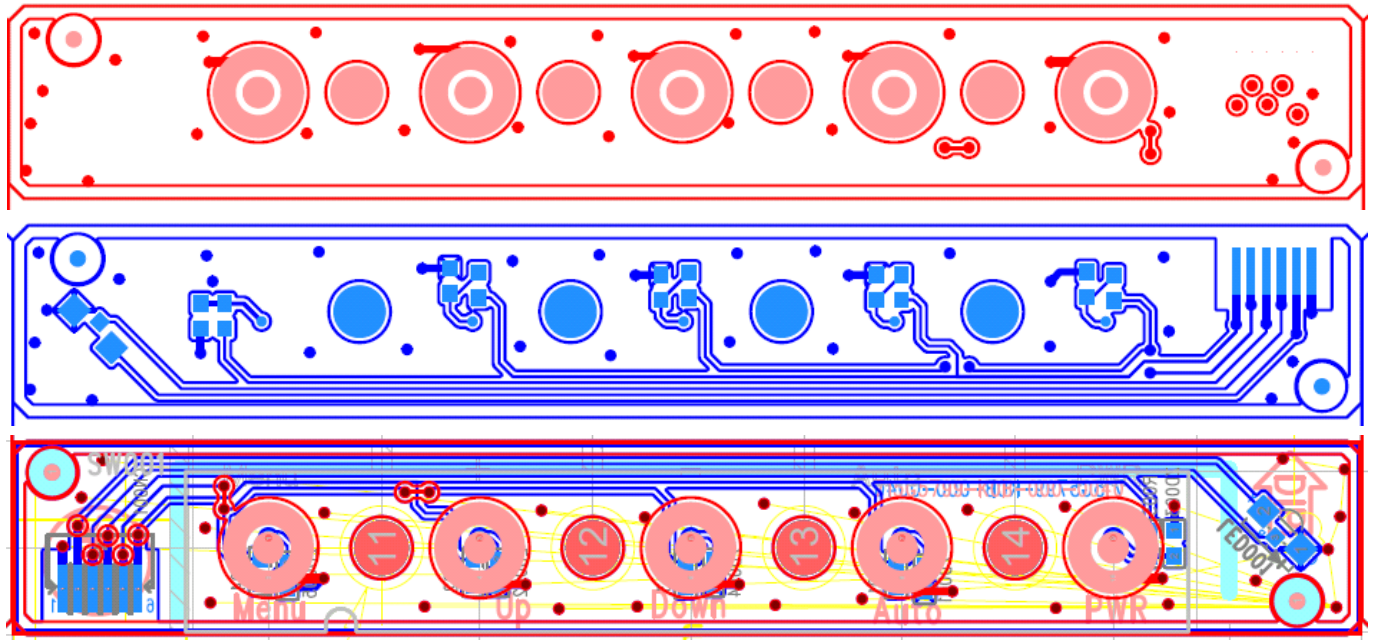


715G3980P04000003M



7.3 Key Board

715G5799K0B000004X



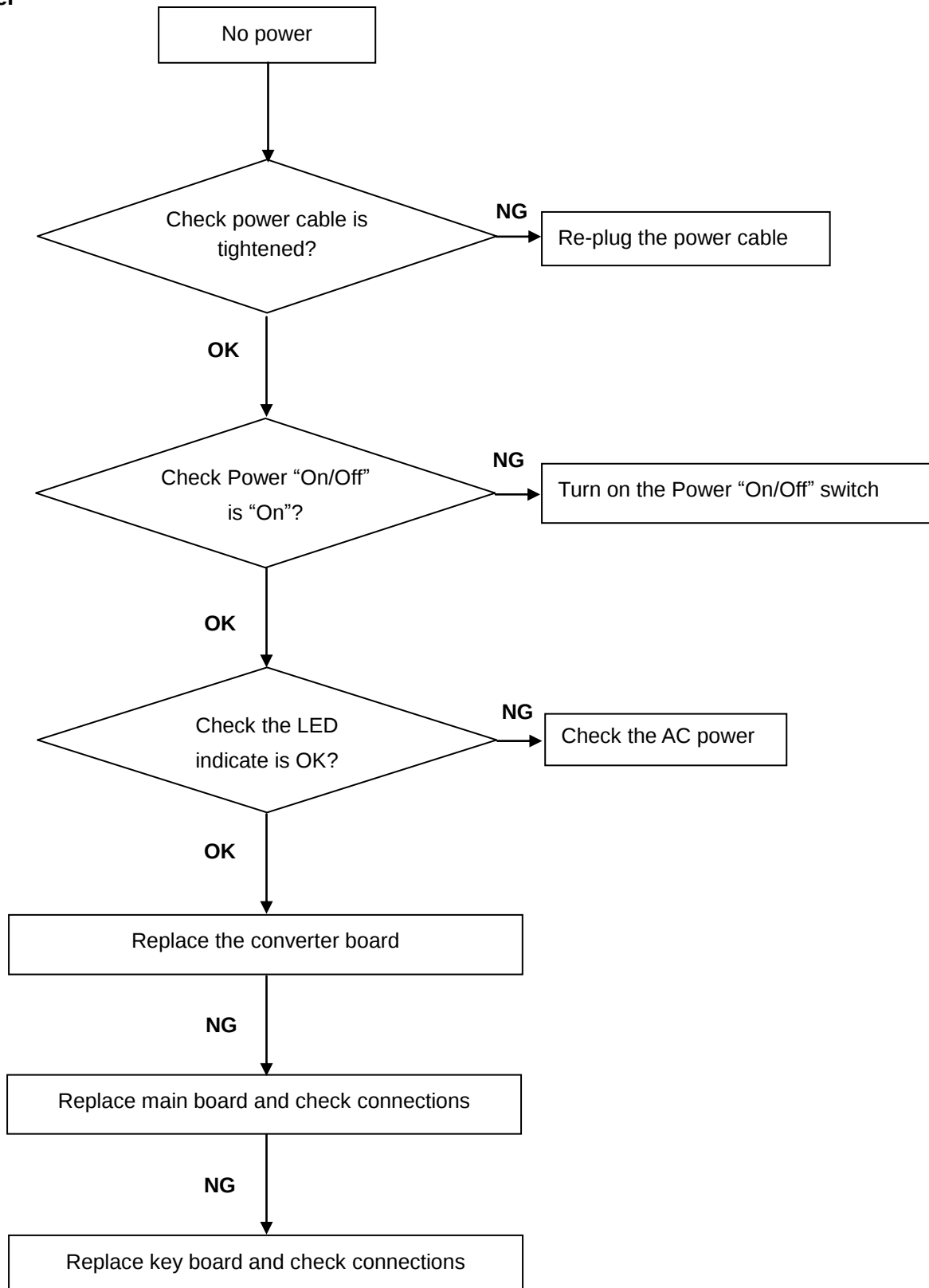
8. Maintainability

8.1 Equipments and Tools Requirement

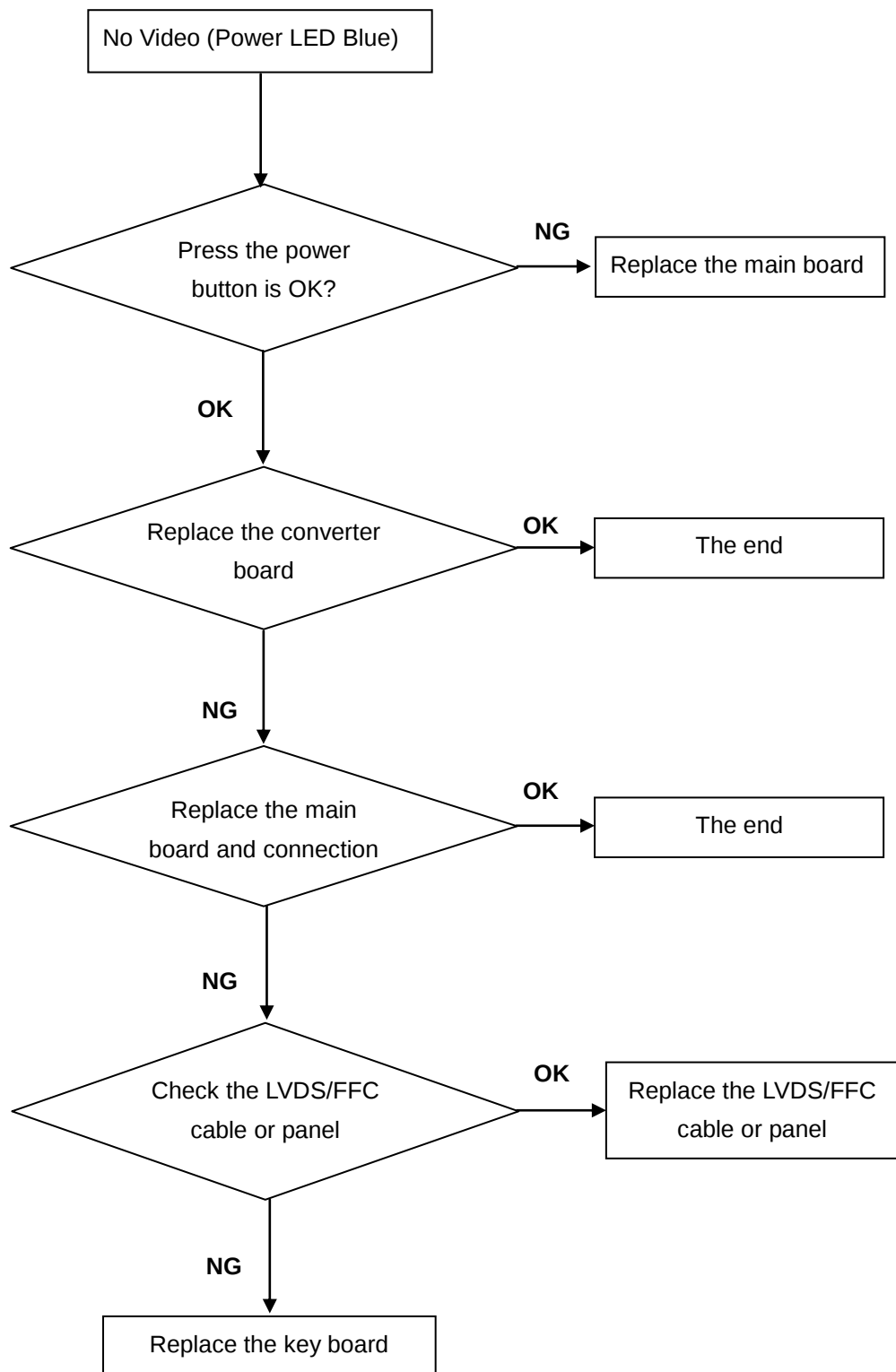
1. Voltmeter.
2. Oscilloscope.
3. Pattern Generator.
4. DDC Tool with an IBM Compatible Computer.
5. Alignment Tool.
6. LCD Color Analyzer.
7. Service Manual.
8. User Manual.

8.2 Trouble Shooting

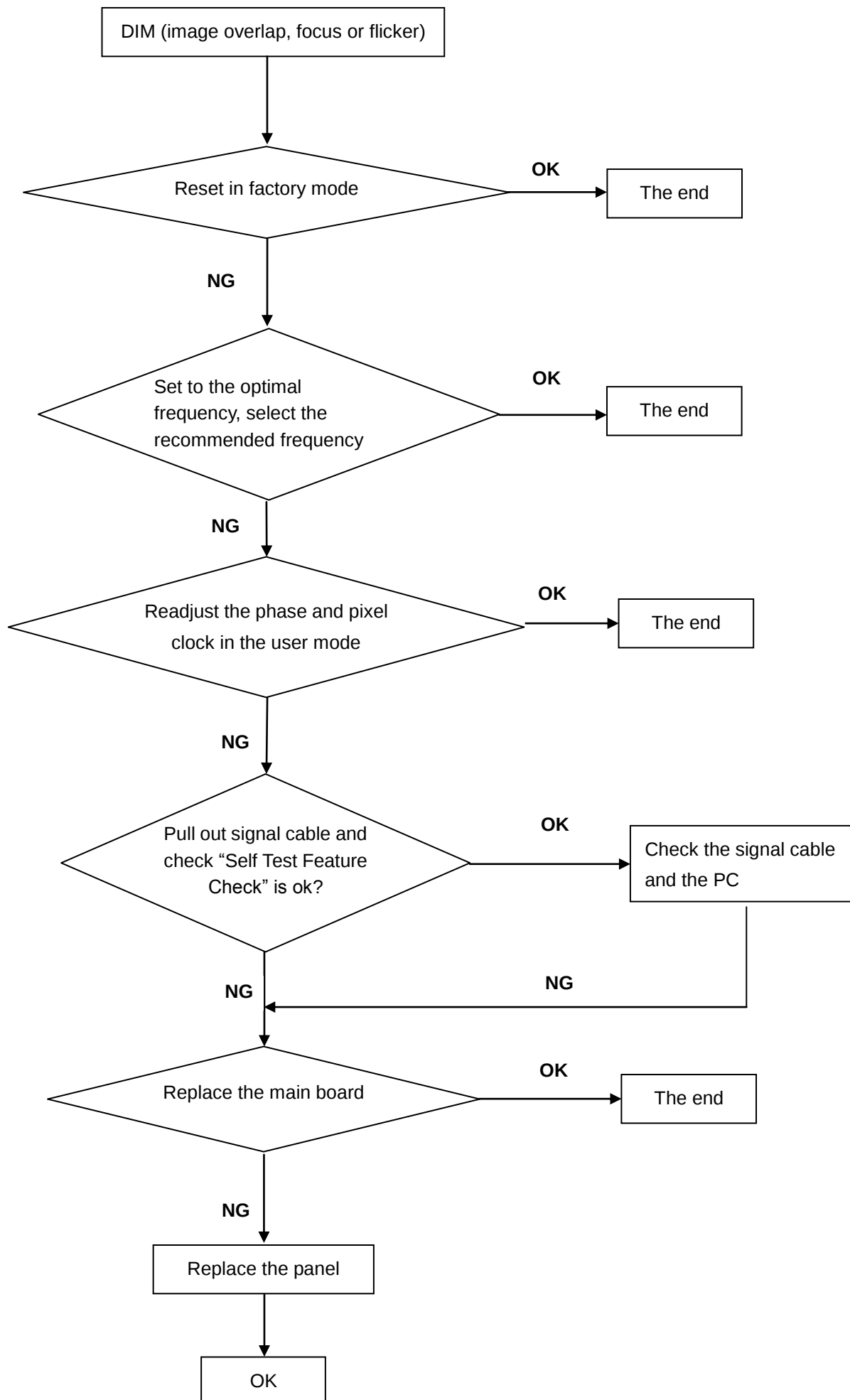
1.No Power



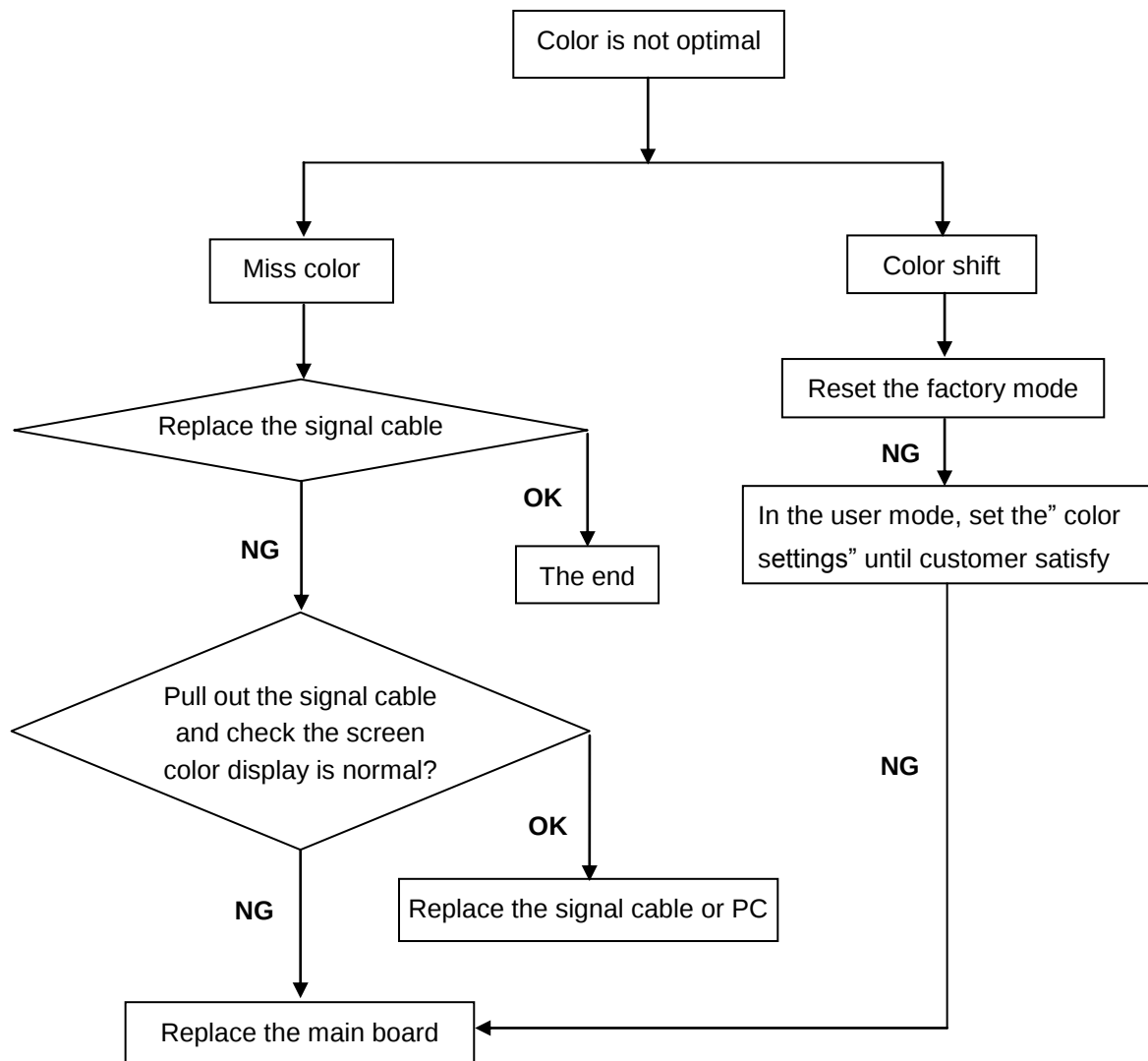
2. No Video (Power LED Blue)



3. DIM



4. Color is not optimal



9.White- Balance, Luminance Adjustment

Approximately 30 minutes should be allowed for warm up before proceeding white balance adjustment. How to setting MEM channel you can reference to chroma 7120 user guide or simple use “SC” key and “NEXT” Key to modify xyY value and use “ID” key to modify the TEXT description Following is the procedure to do white-balance adjust .

1. Setting the color temp.

A. 6500K:

Warm color temp. parameter is $x=313\pm20$, $y=329\pm20$

B. 7300K

Normal color temp. parameter is $x=302\pm20$, $y=318\pm20$

C. 9300K

Cool color temp. parameter is $x=283\pm20$, $y=297\pm20$

D. sRGB

sRGB color temp. parameter is $x=313\pm20$, $y=329\pm20$

2. Enter into the factory mode:

Press the MENU button, Pull out the power cord, then plug the power cord. Then the factory OSD will be at the left top of the panel.

3. Biase adjustment:

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

4. Gain adjustment:

A. Adjust Warm (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 $x=313\pm20$, $y=329\pm20$
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 $=100\pm2$

B. Adjust Normal (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 $x=301\pm20$, $y=317\pm20$
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 $=100\pm2$

C. Adjust Cool (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 $x=283\pm20$, $y=297\pm20$
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 $=100\pm2$

D. Adjust sRGB color-temperature

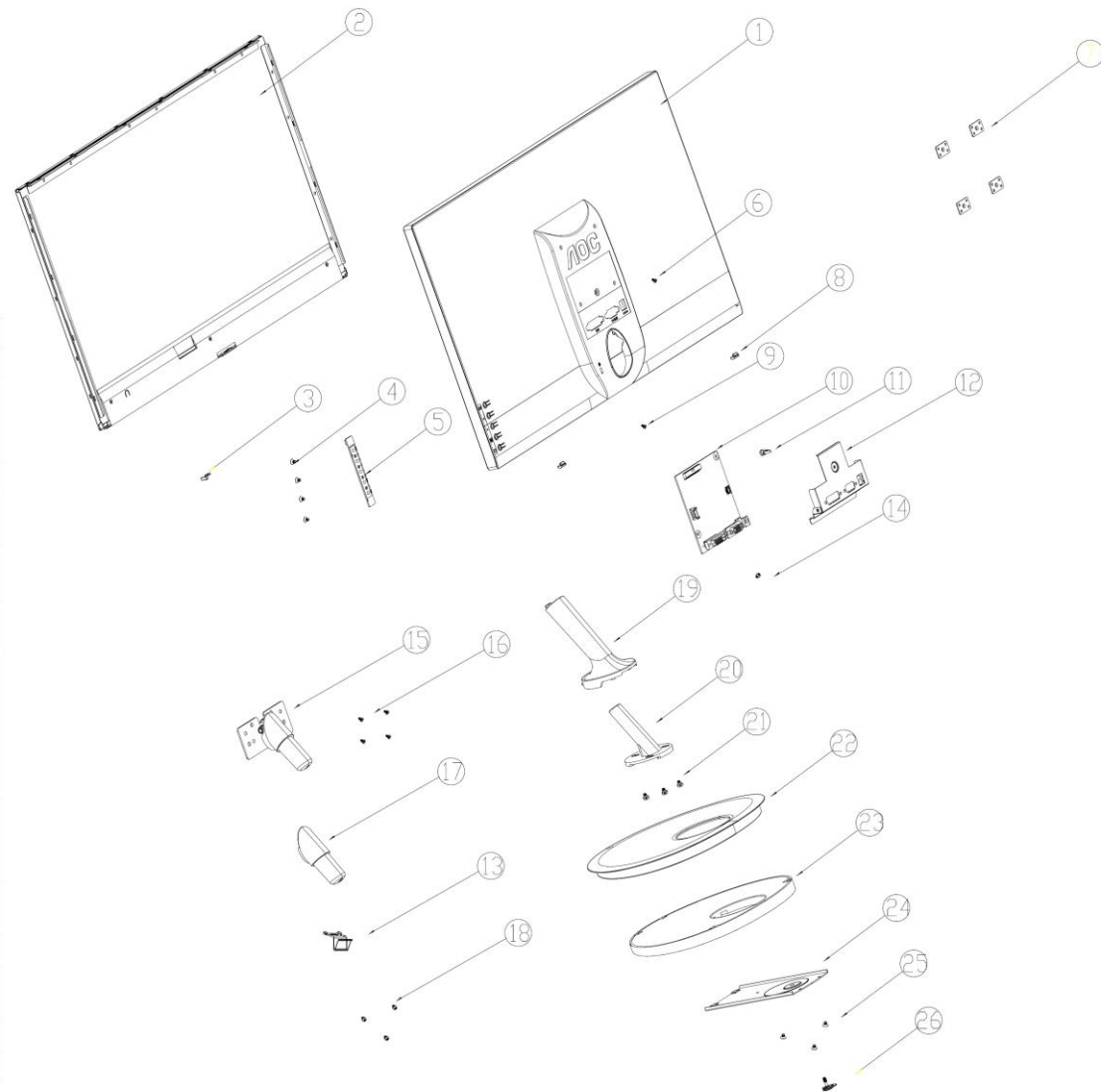
1. Switch the chroma-7120 to RGB-Mode (with press "MODE" button)
2. Switch the MEM.channel to Channel 10 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show $x=313\pm20$, $y=329\pm20$
4. Adjust the RED on factory window until chroma 7120 indicator reached the value $R=100$
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 $=100\pm2$

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

9. Monitor Exploded Views

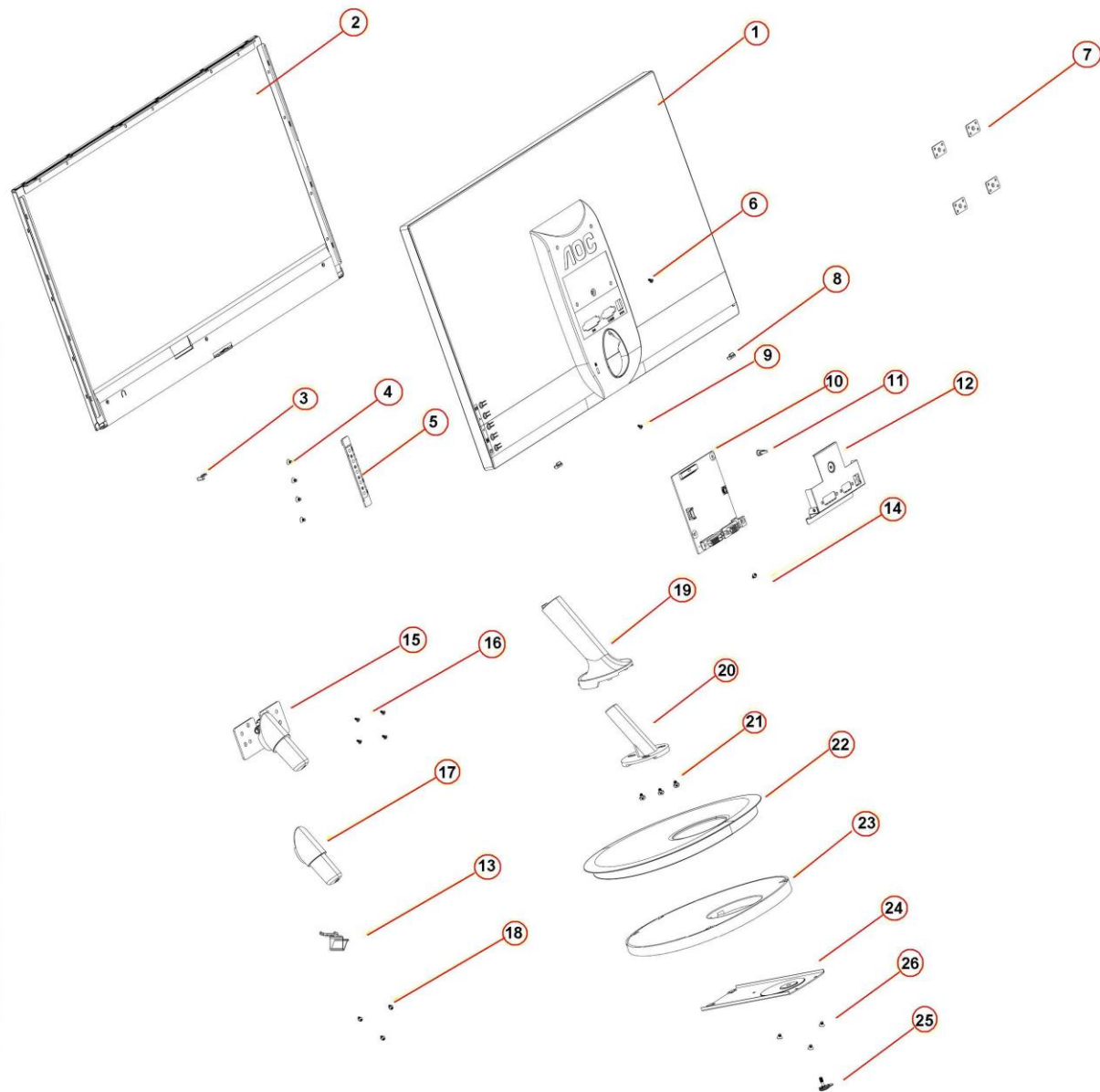
2261 Exploded

ITEM	P/N	DESCRIPTION	Q'TY
1	A34G3090-1101A	REAR COVER	1
2		PANEL	1
3	A33G1409-1101A	LENS	1
4	Q1G6019 1	SCREW FOR KEY	4
5		KEY BOARD	1
6	M1G3030-6120	SCREW FOR BC	1
7	P15G8299 1	VESA BKT	4
8	Q12G630016700A00LT	RUBBER FOR BC	2
9	M1G130-5-47	SCREW FOR BC Panel	1
10		MAIN BOARD	1
11	Q11G0113-A-ZL	PCB SUPPORT	1
12	Q15G13331020B1	MAINFRAME	1
13	H15G00821010B1	HINGE BKT	1
14	M1G1730-8-120	SCREW FOR MB	1
15	Q37G02890110BT	HINGE	1
16	Q1G140-12-120	SCREW FOR HINGE	4
17	A34G3088-1101A	STAND TOP	1
18	AM1G1730 8 47	SCREW STAND TOP	3
19	A34G3089-1101A	STAND BTM	1
20	Q20G60891010BT	STAND HOLDER	1
21	Q1G2030 6120	SCREW STAND BTM	3
22	A34G3086-1101A	BASE TOP	1
23	A34G3087-1101A	BASE BTM	1
24	Q15G13241010B1	BASE BKT	1
25	Q1G130-6-120	SCREW FOR BASE	3
26	Q01G6009-2	SCREW BASE BKT	1



2461 Exploded

ITEM	P/N	DESCRIPITON	Q' TY
1	A34G3085 1101A	REAR COVER	1
2		PANEL	1
3	A33G1409 1101A	LENS	1
4	Q1G6019 1	SCREW FOR KEY	4
5		KEY BOARD	1
6	M1G3030 6120	SCREW FOR BC	1
7	P15G8299 1	VESA BKT	4
8	Q12G630016700A00LT	RUBBER FOR BC	2
9	M1G 130 5 47	SCREW FIR BC PANEL	1
10			1
11	Q11G0113 A ZL	PCB SUPPORT	1
12	Q15G13331020B1	MAINFRAME	1
13	H15G00821010B1	HINGE BKT	1
14	M1G1730 8120	SCREW FOR MB	1
15	Q37G02890110BT	HINGE	1
16	Q1G 140 12120	SCREW FOR HINGE	4
17	A34G3088 1101A	STAND TOP	1
18	AM1G1730 8 47	SCREW STAND TOP	3
19	A34G3089 1101A	STAND BTM	1
20	Q20G60891010BT	STAND HOLDER	1
21	Q1G2030 6120	SCREW STAND BTM	3
22	A34G3086 1101A	BASE TOP	1
23	A34G3087 1101A	BASE BTM	1
24	Q15G13241010B1	BASE BKT	1
25	Q1G 130 6120	SCREW FOR BASE	1
26	Q01G6009 2	SCREW BASE BKT	3



11. BOM List

Note: The parts information listed below are for reference only, and are subject to change without notice. Please go to <http://cs.tpv.com.cn/hello1.asp> for the latest information.

E2261Fw

TIC2T36GBYACHNE

Location	Part No.	Description	Remark
	040G 58162435A	MANUAL P/N LABEL	
HDCP-SMT	070GHDCP500HDC	HDCP CODE	
E08902	089G 715GAAE01	SIGNAL CABLE	
E08903	089G1745HAA 9	DVI CABLE 1.5M	
	0M1G 130 5 47 CR3	SCREW	
	0M1G1730 8120	SCREW 3x8	
	0M1G3030 6120	SCREW 3x6	
	0Q1G 130 6120	SCREW (T3X6)	
	0Q1G 140 12120	SCREW 4X12	
	0Q1G2030 6120	SCREW	
E08901	389G402A12N0HL	AC POWER CORD 1200mm for America	
ECN804	395G802206D536	HARNESS 6P(CI1406)-6P(1253) 500mm	
	708GB050XWPH01	40 “（1896）烟薰木栈板	
E750	750GBV215GJ2E1N000	LCD TPM215HW01-HGJL02 C1E FQ TPV	
	A33G1409 1 1C0100	LENS	
	A34G3086DBN01M0130	BASE_TOP	
	A34G3087AED01B0130	BASE_BTM	
	A34G3088DBM01B0130	STAND_TOP	
	A34G3089DBM01B0130	STAND_BTM	
	A34G3090DBM01B0130	REAR_COVER	
	ADPCC1236HD3	ADAPTER BOARD	
	AM1G1730 8 47 CR3	SCREW	
	H15G00821010B1	BKT_HINGE	
	H40G 001624 1A	CARTON LABEL BARCODE 1	
	H40G0002615A10	FEATURE-POP LABEL 61th front	
	H40G000N61506A	RATING LABEL 61th FW/FWH AP+PRC	
	H44GB0501010TW	CUSHION	
	H44GB0502010TW	CUSHION	
	H44GB05061502A00BC	ARTWORK CARTON E2261Fw WW	
	H45G 87 18 23	EPE COVER	
	H70G21C161510A	CD MANUAL E2261&E2461 FW FWH	
	KEPCCHC1	KEY BOARD	
	Q01G6009 2	SCREW M6x14.5	
	Q01G6019 1	SCREW 6x19	
	Q11G0113 A ZL	PCB-SUPPORT	
	Q15G13241010B1	BKT_BASE	

	Q15G13331020B1	MAINFRAME	
	Q20G60891010BT	DIE-CASTING	
	Q37G02890120BT	HINGE ASS'Y	
	Q41G78D161528A	AOC AP WARRANTY CARD	
	Q45G8801M08A0100BX	MANUAL PE BAG	
M05203	Q52G1001MNT009AFZA	AL FOIL+PET	
M05201	Q52G100202500A00HB	AL FOIL	
M05202	Q52G100202500A00HB	AL FOIL	
ECN406	S95G179T30NF27	FFC CABLE 30P 295mm 1.0MM	
	Q45G 77 5	PE PACKING	
	Q50G 4 10	TIE (Y1900221)	
	756GHCCB0A30050000	MAIN BOARD-CBPCCT3A1H2	
SMTCC-U403	100GARVI001W11	MCU ASSY-056G2233501	
	045G 88525 E	PE BAG	
IC902	056G 139 3A	PC123Y22FZOF SHARP	
NR901	061G 58005 X	NTCR 5R 20% 2.6W 5D2-07MCS	
R904	061G152M47858F SY	RST MOFR 0.47 OHM +-5% 2WS FUTABA	
C903	063G107K474 6S	0.47UF +-10%	
C900	065G306M1022B3	Y1 CAP 1000PF M 250VAC TDK	
C918	067G 515681 4L	EC 680UF 20% 25V RZW 8*20	
C919	067G 515681 4L	EC 680UF 20% 25V RZW 8*20	
C907	067G515Z82015H	EC 82UF 20% 450V 18*32	
D902	071G 55 30	FERRITE BEAD 4.0*2*3	
L902	073G 174514 X2	LINE FILTER 14MH MIN 3LFT1495-143M-2	
L901	073G 174515 X	LINE FILTER 0.45mH MIN 3LFT1064-451M	
L903	073G 253902 H	IND CHOKE 0.8uH MIN DADON	
T901	080GL19P512 N	X'FMR 700UH 10% 6UH YUVA-1335	
CN901	087G 50112A DL	AC SOCKET 3P 3642501	
BD901	093G 50460514	BRIDGE KBP306G-05 3A 800V KBP	
D903	093G 5212T52T	DIODE 1N4007-AO DO-41	
D902	093G 5212T52T	DIODE 1N4007-AO DO-41	
E09509	095G 900H25 D	HARNESS GREEN/BROWN 90	
E08906	389G017154200G	DC POWER CORD 1000MM	
	705GHC57006	Q901 ASS'Y	
	705GHC93005	D906 ASSY	
	709G3980 HM001	COMSUPTIVE ASS'Y	
	H33G00280GM02T0118	COVER	
	H33G0029 GM T 18	BOTTON COVER FOR AOC 40TH	
	H40G 45762429A	LABEL	
	H40G300B61501C	RATING LABEL Adapter	
	Q40G000362427A	LABEL	
CN406	033G801930F CH L	FFC CONN 1.0mm 30P R/A 34mm 6mm	
C801	067G215C151 4H	EC 150UF 20% 25V 8*7	
C718	067G215C151 4H	EC 150UF 20% 25V 8*7	

C716	067G215C4713CV	EC 470UF 20% 16V 8*9 2000 hr	
C809	067G415Y330 9L	EC 33UF 20% 100V 8*12	
CN701	088G 304 11 C	DC POWER JACK 3P 2.5mm	
CN101	088G 35315FVDL	D-SUB CONN 15P FEMALE V/T WITH SCREW	
CN102	088G 35424FVXH	DVI CONN V/T 24P WHITE	
X401	093G 22 53CEC	CRYSTAL S-F-14.31818M-32-3030-2085-30	
	709G50890HM001	COMSUMPTIVE ASSY	
	H40G 45762429A	LABEL	
SW001	377G05005C10XL	DOME SW 5PCS	
CN001	395G076M006512	FFC CABLE 6P 320mm 1.0MM	
	709G57990HM001	COMSUMPTIVE ASSY	
Q901	057G 611908	MOSFET TK6A65D (STA4,Q),E `` Q,M) SC-67	
	0M1G 930 5120	SCREW 3x5	
HS1	Q90G0232 2	HEAT SINK	
D906	093G 605AP	SCHOTTKY MBR20100CT C0 20A 100V TO-220AB	
	0M1G1730 5120	SCREW	
HS2	Q90G0235 2	HEAT SINK	
E55	055G 23524	WELDING FLUX WITHOUT PB	
	Q51G 6 4509	GLUE_RTV	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
IC901	056G 379190	AC/DC CONVERTER LD7750RGR SOP-7	
R912	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R940	061G0603102 JT	RST CHIP 1K 1/10W 5% TZAI YUAN	
R911	061G0603202 JT	RST 0603 2K 5% 1/10W	
R919	061G06034532FF	RST CHIPR 45.3KOHM +-1% 1/10W FENGHUA	
R905	061G08051002FF	RST CHIPR 10KOHM +-1% 1/8W FENGHUA	
R910	061G0805104 JT	RST CHIPR 100KOHM +- 5% 1/8W TZAI YUAN	
R916	061G08051152FT	RST CHIPR 11.5KOHM +- 1% 1/8W TZAI YUAN	
R922	061G0805471 JT	RST CHIPR 470OHM +-5% 1/8W TZAI YUAN	
R942	061G0805510 JT	RST CHIPR 510HM +-5% 1/8W TZAI YUAN	
JR901	061G12060007JT	RST CHIPR MAX 0R05 1/4W 1206	
R914	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	
R908	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	
R934	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	
R906	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	
R902	061G1206105 JF	RST CHIPR 1 MOHM +-5% 1/4W FENGHUA	
R901	061G1206105 JF	RST CHIPR 1 MOHM +-5% 1/4W FENGHUA	
R941	061G1206159 JT	RST CHIP R 1.5ohm 1/4W +/-5%	
R907	061G1206564 JF	RST CHIPR 560KOHM +-5% 1/4W FENGHUA	
R938	061G1206564 JF	RST CHIPR 560KOHM +-5% 1/4W FENGHUA	
R937	061G1206564 JF	RST CHIPR 560KOHM +-5% 1/4W FENGHUA	
C930	065G060310332K A	CAP 0603 10NF 10% 50V X7R	
C915	065G060347332K Y	CAP CHIP 0603 47N 50V X7R +/-10%	
C931	065G080510131J F	CAP CHIP 0805 100PF J 50V NPO	

C910	065G080510432K A	CAP CHIP 0805 0.1UF K 50V X7R	
C908	065G120622272K Y	CER 1206 2N2 500V X7R 10%	
C911	065G120622272K Y	CER 1206 2N2 500V X7R 10%	
D908	093G 64S522SEM	LL4148	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
C707	067G305M1013CB	EC 100UF 20% 16V 6.3*7	
C141	067G305M1013CB	EC 100UF 20% 16V 6.3*7	
FB701	071G 55 26 H	BEAD 3.5*6.0*0.8 127R 25% BF-I35060R-796	
	Q52G6022 33	small tape	
	055G 23520	IPA	
R005	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	
R002	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	
R004	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R003	061G0603202 JF	RST CHIPR 2K OHM +-5% 1/10W FENGHUA	
R001	061G0603202 JF	RST CHIPR 2K OHM +-5% 1/10W FENGHUA	
LED001	081G 15501 GP	LED GPTD12048YBC1	
E715	715G5799K0B000004X	KEY PCB FR4 DS 89.5*12.7*1.6mm	
CN901	006G 31500	EYELET	
A	006G 31501	EYELET	
GND	006G 31501	EYELET	
12V	006G 31501	EYELET	
NR901	006G 31502	EYELET	
L902	006G 31502	EYELET	
C907	006G 31502	EYELET	
C903	006G 31502	EYELET	
IC903	056G 158 10 T	DC/DC AS431AZTR-E1 150MA 40V TO-92	
R947	061G 60220052T TZ	RST CFR 20OHM +-5% 1/6W TZAI YUAN	
C925	065G 2K152 2T6921	CAP CER 1500pF K 2KV Y5P	
C901	065G101K1042HT	CAP CER 0.1UF 10% 100V X7R	
C929	067G 2154707NT	KY50VB47M-TP5 6.3*11	
FB901	071G 55908	BEAD - 60R - C8B RH3.5X4.7X1.0+TAP	
F901	084G 55 7W	FUSE 3.15A 250V Wickmann	
J903	095G 90 23	JUMP WIRE - -	
J901	095G 90 23	JUMP WIRE - -	
J904	095G 90 23	JUMP WIRE - -	
J906	095G 90 23	JUMP WIRE - -	
	709G3980 HA001	COMSUPTIVE ASS'Y	
	715G3980P04000003M	PWR PCB CEM-1 CTI>600 SS 96.5x44x1.6MM	
E715	715G5089M02000004S	MAIN PCB FR4 DS 90X102*1.6mm	
E715	715G5089M02000004I	MAIN PCB FR4 DS 90X102*1.6mm	2nd source
U702	056G 563528BHF	LDO BL1117-33CY 1A 3.3V TO-252	
U104	056G 662 52	ESD PROTECT AZC398-04S.R7G SOT23-6	
U107	056G 662 52	ESD PROTECT AZC398-04S.R7G SOT23-6	
U102	056G 662 52	ESD PROTECT AZC398-04S.R7G SOT23-6	

U103	056G 662 52	ESD PROTECT AZC398-04S.R7G SOT23-6	
U106	056G 662 52	ESD PROTECT AZC398-04S.R7G SOT23-6	
U101	056G1133161	EEPROM AT24C02C-SSHM-T 2Kb SOIC-8	
U105	056G1133161	EEPROM AT24C02C-SSHM-T 2Kb SOIC-8	
U403	056G2233501	FLASH MX25L2026DM1I-12G 2Mb SOP-8	
Q402	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	
Q404	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	
Q701	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	
Q706	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	
Q801	057G 600941	MOSFET AOD482 32A 100V TO-252	
Q705	057G 763940	MOSFET AO3401A SOT-23	
R444	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R421	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R425	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R452	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R424	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R439	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R483	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R453	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R450	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R419	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R133	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R138	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R104	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R134	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R116	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R136	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R135	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R132	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R131	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R109	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R137	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R121	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	
R422	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	
R482	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	
R120	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	
R706	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	
R480	061G0402102 JY	RST CHIPR 1KOHM +-5% 1/16W YAGEO	
R481	061G0402102 JY	RST CHIPR 1KOHM +-5% 1/16W YAGEO	
R479	061G0402102 JY	RST CHIPR 1KOHM +-5% 1/16W YAGEO	
R127	061G0402102 JY	RST CHIPR 1KOHM +-5% 1/16W YAGEO	
R142	061G0402102 JY	RST CHIPR 1KOHM +-5% 1/16W YAGEO	
R416	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R435	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	

R437	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R428	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R719	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R415	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R703	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R702	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R721	061G0402104 JY	RST CHIPR 100KOHM +-5% 1/16W YAGEO	
R712	061G0402104 JY	RST CHIPR 100KOHM +-5% 1/16W YAGEO	
R427	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	
R429	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	
R431	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	
R433	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	
R122	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	
R123	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	
R451	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	
R445	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	
R114	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	
R130	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	
R704	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	
R720	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	
R438	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	
R726	061G0402303 JT	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	
R711	061G0402333 JT	RST CHIP 33K 1/16W 5% TZAI YUAN	
R408	061G0402392 JT	RST CHIP R 3K9 +/-5% 1/16W TZAI YUAN	
R409	061G0402392 JT	RST CHIP R 3K9 +/-5% 1/16W TZAI YUAN	
R410	061G0402392 JT	RST CHIP R 3K9 +/-5% 1/16W TZAI YUAN	
R436	061G0402393 JF	RST CHIP 39K 1/16W 5% FENGHUA	
R105	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R107	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R101	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R126	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R125	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R111	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R118	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R113	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R459	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R718	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R112	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R129	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R420	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R467	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R128	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R705	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R117	061G0402750 JT	RST 0402 75R 5% 1/16W	

R110	061G0402750 JT	RST 0402 75R 5% 1/16W	
R106	061G0402750 JT	RST 0402 75R 5% 1/16W	
R811	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
FB101	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R119	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R818	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R807	061G0603100 JT	RST CHIP 10R 1/10W 5% TZAI YUAN	
R713	061G0603100 JT	RST CHIP 10R 1/10W 5% TZAI YUAN	
R714	061G06031002FF	RST CHIPR 10 KOHM +-1% 1/10W FENGHUA	
R801	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R805	061G0603104 JT	RST CHIP 100K 1/10W 5% TZAI YUAN	
R822	061G0603109 JY	RST CHIPR 1 OHM +-5% 1/10W YAGEO	
R820	061G0603109 JY	RST CHIPR 1 OHM +-5% 1/10W YAGEO	
R819	061G0603109 JY	RST CHIPR 1 OHM +-5% 1/10W YAGEO	
R821	061G0603109 JY	RST CHIPR 1 OHM +-5% 1/10W YAGEO	
R815	061G06031603FF	RST CHIPR 160KOHM 1/10W	
R810	061G06032002FF	RST CHIPR 20KOHM +-1% 1/10W FENGHUA	
R809	061G06032203FY	RST CHIPR 220KOHM +-1% 1/10W YAGEO	
R802	061G0603304 JY	RST CHIPR 300K +-5% 1/10W YAGEO	
R446	061G0603331 JT	RST 0603 330R 5% 1/10W	
R817	061G0603471 JT	RST CHIPR 470OHM +-5% 1/10W TZAI YUAN	
R455	061G0603471 JT	RST CHIPR 470OHM +-5% 1/10W TZAI YUAN	
R806	061G06035101FF	RST 0603 5.1K 1% 1/10W	
R715	061G06035362FF	RST CHIPR 53.6KOHM +-1% 1/10W FENGHUA	
R816	061G06035601FT	RST CHIP 5K6 1/10W 1%	
R430	061G06036201FF	RST CHIPR 6.2KOHM +-1% 1/10W FENGHUA	
R804	061G1206100 JF	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	
R146	061G1206301 JT	RST CHIPR 300 OHM +-5% 1/4W TZAI YUAN	
C708	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C709	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C115	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C422	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C717	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C409	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C414	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C721	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C419	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C142	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C417	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C411	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C122	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C408	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C410	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C121	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	

C725	065G040210412K	A	CAP CHIP 0402 100nF K 16V X7R	
C420	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R	
C416	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R	
C418	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C731	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C146	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C151	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C415	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C145	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C722	065G040222232K	Y	CAP CHIP 0402 2N2 50V X7R +/-10%	
C147	065G040222322K	Y	CAP 0402 22NF 10% 25V X7R	
C101	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	
C412	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	
C724	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	
C116	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	
C102	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C108	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C110	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C105	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C107	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C104	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C106	065G040250931C	Y	CAP 0402 5PF 0.25pF 50V NP0	
C109	065G040250931C	Y	CAP 0402 5PF 0.25pF 50V NP0	
C103	065G040250931C	Y	CAP 0402 5PF 0.25pF 50V NP0	
C813	065G060310131J	Y	CAP CHIP 0603 100P 50V NP0 +/-5%	
C710	065G060310131J	Y	CAP CHIP 0603 100P 50V NP0 +/-5%	
C714	065G060310131J	Y	CAP CHIP 0603 100P 50V NP0 +/-5%	
C815	065G060310232K	Y	CAP CHIP 0603 1N 50V X7R +/-10%	
C715	065G060310232K	Y	CAP CHIP 0603 1N 50V X7R +/-10%	
C719	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C814	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C712	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C802	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C713	065G060310522K	A	0603 1UF 25V X7R	
C728	065G060310522K	A	0603 1UF 25V X7R	
C807	065G060333332K	A	CAP CHIP 0603 33nF K 50V X7R	
C812	065G060347131J	A	CAP CHIP 0603 470PF J 50V NPO	
C805	065G060347412K	A	CAP 0603 470NF 10% 16V X7R	
C413	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R	
C425	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R	
C424	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R	
C804	065G080547432K	A	CAP CHIP 0805 0.47UF K 50V X7R	
C811	065G080547432K	A	CAP CHIP 0805 0.47UF K 50V X7R	
C810	065G080547432K	A	CAP CHIP 0805 0.47UF K 50V X7R	

C723	065G120610625K A	CAP 1206 10UF 10% 25V X5R	
C720	065G120610625K A	CAP 1206 10UF 10% 25V X5R	
C732	065G120610625K A	CAP 1206 10UF 10% 25V X5R	
FB403	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	
FB404	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	
FB102	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	
FB702	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	
FB408	071G 59C121 TA	CHIP BEAD 0603 120R 25% 300mA	
FB107	071G 59G301 TA	CHIP BEAD 300OHM 200mA FCM1608KF-301T02	
FB103	071G 59G301 TA	CHIP BEAD 300OHM 200mA FCM1608KF-301T02	
FB105	071G 59K190 M	CHIP BEAD 0603 19R/500mA	
FB104	071G 59K190 M	CHIP BEAD 0603 19R/500mA	
FB106	071G 59K190 M	CHIP BEAD 0603 19R/500mA	
L801	073G253S 98 DN	SMD CHOKE 47UH 20% 0.064R LZ.29470.B2P	
L701	073G253S521 M	SMD CHOKE 22uH 20% 0.073R 3.3A HF	
D101	093G 64 42 PP	BAV70 SOT-23	
D102	093G 64 42 PP	BAV70 SOT-23	
ZD101	093G 39GA01 T	RLZ5.6B	
ZD102	093G 39GA01 T	RLZ5.6B	
D801	093G 60S509 T	SCHOTTKY BR310 T/R 3A 100V SMB	
D701	093G3004 2	SR34 PAN JIT	
CN405	311GF100C06ADH	FFC CONN 1.0mm 6P	
CN804	311GW125D06AAX	CONN 1.25mm 6P S1315-06SVB-S03-R	
U401	356G0562128B12	SCALER RTD2281DW-CG QFP-128	
U705	356G0563419	DC/DC APW7089KAI-TRG 4A 26V SOP-8P	
U801	356G0700045	LED DRIVER PF7024 S SOP-16	
R813	361G1206108AJF	RST 1206 0.1R 5% 1/4W RS-06MR10JT	
R812	361G1206208AJF	RST 1206 0.2R 0.5% 1/4W RS-06MR20JT	
	709G50890HS001	COMSUMPTIVE ASSY	
	H52G 2191 1	美纹胶带	
	H52G1701 1	MESH PRINTTING_PAPER	

E2461Fw

TDC2T36MBYACHNE

Location	Part No.	Description	Remark
	040G 58162435A	MANUAL P/N LABEL	
	052G 2191 A	PAPER TAPE	
HDCP-SMT	070GHDCP500HDC	HDCP CODE	
E08902	089G 715GAAE01	SIGNAL CABLE	
E08903	089G1745HAA 9	DVI CABLE 1.5M	
	0M1G 130 5 47 CR3	SCREW	
	0M1G1730 8120	SCREW 3x8	
	0M1G3030 6120	SCREW 3x6	
	0Q1G 130 6120	SCREW (T3X6)	
	0Q1G 140 12120	SCREW 4X12	
	0Q1G2030 6120	SCREW	
E08901	389G410A12N0HL	AC POWER CORD 1200mm for UK	
ECN804	395G802206D536	HARNESS 6P(CI1406)-6P(1253) 500mm	
	708GD064XWPH01	40"(1540)烟熏木栈板	
E750	750GBV236GJ2H1N000	LCD TPM236H3-HGJL02 C1H FQ TPV	
	A33G1409 1 1C0100	LENS	
	A34G3085DBM01B0130	REAR_COVER	
	A34G3086DBN01M0130	BASE_TOP	
	A34G3087AED01B0130	BASE_BTM	
	A34G3088DBM01B0130	STAND_TOP	
	A34G3089DBM01B0130	STAND_BTM	
	ADPCC1236HD3	ADAPTER BOARD	
	AM1G1730 8 47 CR3	SCREW	
	H15G00821010B1	BKT_HINGE	
	H40G 001624 1A	CARTON LABEL BARCODE 1	
	H40G 45762413B	P/N LABEL FOR BASE	
	H40G0002615A10	FEATURE-POP LABEL 61th front	
	H40G000N61506A	RATING LABEL 61th FW/FWH AP+PRC	
	H44GD0641010TW	CUSHION	
	H44GD0642010TW	CUSHION	
	H44GD06461502A00HX	ARTWORK CARTON E2461FW	
	H70G21C161510A	CD MANUAL E2261&E2461 FW FWH	
	KEPCCHC1	KEY BOARD	
	Q01G6009 2	SCREW M6x14.5	
	Q01G6019 1	SCREW 6x19	
	Q11G0113 A ZL	PCB-SUPPORT	
	Q15G13241010B1	BKT_BASE	
	Q15G13331020B1	MAINFRAME	
	Q20G60891010BT	DIE-CASTING	
	Q37G02890110BT	HINGE ASS'Y	
	Q41G78D161528A	AOC AP WARRANTY CARD	

	Q45G8801M08A0100BX	MANUAL PE BAG	
	Q45G990161940800ZW	PROTECT BAG	
M05203	Q52G1001MNT009AFZA	AL FOIL+PET	
M05201	Q52G100202500A00HB	AL FOIL	
M05202	Q52G100202500A00HB	AL FOIL	
	Q52G1501528A0100XW	TAPE	
	Q52G6019 14	TAPE	
ECN406	S95G179T30NF27	FFC CABLE 30P 295mm 1.0MM	
	Q50G 4 10	TIE (Y1900221)	
	Q52G1301024A0100YY	BIG CARTON TAPE FOR AOC 60MM	
	756GHCCB0A30060000	MAIN BOARD-CBPCCT3A1H1	
SMTCC-U403	100GARVD000W11	MCU ASSY-056G2233501	
	045G 88525 E	PE BAG	
IC902	056G 139 3A	PC123Y22FZOF SHARP	
NR901	061G 58005 X	NTCR 5R 20% 2.6W 5D2-07MCS	
R904	061G152M47858F SY	RST MOFR 0.47 OHM +-5% 2WS FUTABA	
C903	063G107K474 6S	0.47UF +-10%	
C900	065G306M1022B3	Y1 CAP 1000PF M 250VAC TDK	
C918	067G 515681 4L	EC 680UF 20% 25V RZW 8*20	
C919	067G 515681 4L	EC 680UF 20% 25V RZW 8*20	
C907	067G515Z82015H	EC 82UF 20% 450V 18*32	
D902	071G 55 30	FERRITE BEAD 4.0*2*3	
L902	073G 174514 X2	LINE FILTER 14MH MIN 3LFT1495-143M-2	
L901	073G 174515 X	LINE FILTER 0.45mH MIN 3LFT1064-451M	
L903	073G 253902 H	IND CHOKE 0.8uH MIN DADON	
T901	080GL19P512 N	X'FMR 700UH 10% 6UH YUVA-1335	
CN901	087G 50112A DL	AC SOCKET 3P 3642501	
BD901	093G 50460514	BRIDGE KBP306G-05 3A 800V KBP	
D903	093G 5212T52T	DIODE 1N4007-AO DO-41	
D902	093G 5212T52T	DIODE 1N4007-AO DO-41	
E09509	095G 900H25 D	HARNESS GREEN/BROWN 90	
E08906	389G017154200G	DC POWER CORD 1000MM	
	705GHC57006	Q901 ASS'Y	
	705GHC93005	D906 ASSY	
	709G3980 HM001	COMSUPTIVE ASS'Y	
	H33G00280GM02T0118	COVER	
	H33G0029 GM T 18	BOTTON COVER FOR AOC 40TH	
	H40G 45762429A	LABEL	
	H40G300B61501C	RATING LABEL Adapter	
	Q40G000362427A	LABEL	
CN406	033G801930F CH L	FFC CONN 1.0mm 30P R/A 34mm 6mm	
C718	067G215C151 4H	EC 150UF 20% 25V 8*7	
C801	067G215C151 4H	EC 150UF 20% 25V 8*7	
C716	067G215C4713CV	EC 470UF 20% 16V 8*9 2000 hr	

C809	067G415Y330 9L	EC 33UF 20% 100V 8*12	
CN701	088G 304 11 C	DC POWER JACK 3P 2.5mm	
CN101	088G 35315FVDL	D-SUB CONN 15P FEMALE V/T WITH SCREW	
CN102	088G 35424FVXH	DVI CONN V/T 24P WHITE	
X401	093G 22 53CEC	CRYSTAL S-F-14.31818M-32-3030-2085-30	
	709G50890HM001	COMSUMPTIVE ASSY	
	H40G 45762429A	LABEL	
SW001	377G05005C10XL	DOME SW 5PCS	
CN001	395G076M006512	FFC CABLE 6P 320mm 1.0MM	
	709G57990HM001	COMSUMPTIVE ASSY	
Q901	057G 611908	MOSFET TK6A65D (STA4,Q),E `` Q,M) SC-67	
	0M1G 930 5120	SCREW 3x5	
HS1	Q90G0232 2	HEAT SINK	
D906	093G 605AP	SCHOTTKY MBR20100CT C0 20A 100V TO-220AB	
	0M1G1730 5120	SCREW	
HS2	Q90G0235 2	HEAT SINK	
E55	055G 23524	WELDING FLUX WITHOUT PB	
	Q51G 6 4509	GLUE_RTV	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
IC901	056G 379190	AC/DC CONVERTER LD7750RGR SOP-7	
R912	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R940	061G0603102 JT	RST CHIP 1K 1/10W 5% TZAI YUAN	
R911	061G0603202 JT	RST 0603 2K 5% 1/10W	
R919	061G06034532FF	RST CHIPR 45.3KOHM +-1% 1/10W FENGHUA	
R905	061G08051002FF	RST CHIPR 10KOHM +-1% 1/8W FENGHUA	
R910	061G0805104 JT	RST CHIPR 100KOHM +- 5% 1/8W TZAI YUAN	
R916	061G08051152FT	RST CHIPR 11.5KOHM +- 1% 1/8W TZAI YUAN	
R922	061G0805471 JT	RST CHIPR 470OHM +-5% 1/8W TZAI YUAN	
R942	061G0805510 JT	RST CHIPR 510HM +-5% 1/8W TZAI YUAN	
JR901	061G12060007JT	RST CHIPR MAX 0R05 1/4W 1206	
R914	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	
R908	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	
R906	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	
R934	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	
R902	061G1206105 JF	RST CHIPR 1 MOHM +-5% 1/4W FENGHUA	
R901	061G1206105 JF	RST CHIPR 1 MOHM +-5% 1/4W FENGHUA	
R941	061G1206159 JT	RST CHIP R 1.5ohm 1/4W +/-5%	
R907	061G1206564 JF	RST CHIPR 560KOHM +-5% 1/4W FENGHUA	
R938	061G1206564 JF	RST CHIPR 560KOHM +-5% 1/4W FENGHUA	
R937	061G1206564 JF	RST CHIPR 560KOHM +-5% 1/4W FENGHUA	
C930	065G060310332K A	CAP 0603 10NF 10% 50V X7R	
C915	065G060347332K Y	CAP CHIP 0603 47N 50V X7R +/-10%	
C931	065G080510131J F	CAP CHIP 0805 100PF J 50V NPO	
C910	065G080510432K A	CAP CHIP 0805 0.1UF K 50V X7R	

C911	065G120622272K Y	CER 1206 2N2 500V X7R 10%	
C908	065G120622272K Y	CER 1206 2N2 500V X7R 10%	
D908	093G 64S522SEM	LL4148	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
C707	067G305M1013CB	EC 100UF 20% 16V 6.3*7	
C141	067G305M1013CB	EC 100UF 20% 16V 6.3*7	
FB701	071G 55 26 H	BEAD 3.5*6.0*0.8 127R 25% BF-I35060R-796	
	Q52G6022 33	small tape	
	055G 23520	IPA	
R005	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	
R002	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	
R004	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R001	061G0603202 JF	RST CHIPR 2K OHM +-5% 1/10W FENGHUA	
R003	061G0603202 JF	RST CHIPR 2K OHM +-5% 1/10W FENGHUA	
LED001	081G 15501 GP	LED GPTD12048YBC1	
E715	715G5799K0B000004X	KEY PCB FR4 DS 89.5*12.7*1.6mm	
CN901	006G 31500	EYELET	
A	006G 31501	EYELET	
GND	006G 31501	EYELET	
12V	006G 31501	EYELET	
NR901	006G 31502	EYELET	
L902	006G 31502	EYELET	
C907	006G 31502	EYELET	
C903	006G 31502	EYELET	
IC903	056G 158 10 T	DC/DC AS431AZTR-E1 150MA 40V TO-92	
R947	061G 60220052T TZ	RST CFR 20OHM +-5% 1/6W TZAI YUAN	
C925	065G 2K152 2T6921	CAP CER 1500pF K 2KV Y5P	
C901	065G101K1042HT	CAP CER 0.1UF 10% 100V X7R	
C929	067G 2154707NT	KY50VB47M-TP5 6.3*11	
FB901	071G 55908	BEAD - 60R - C8B RH3.5X4.7X1.0+TAP	
F901	084G 55 7W	FUSE 3.15A 250V Wickmann	
J906	095G 90 23	JUMP WIRE - -	
J903	095G 90 23	JUMP WIRE - -	
J901	095G 90 23	JUMP WIRE - -	
J904	095G 90 23	JUMP WIRE - -	
	709G3980 HA001	COMSUPTIVE ASS'Y	
	715G3980P04000003M	PWR PCB CEM-1 CTI>600 SS 96.5x44x1.6MM	
E715	715G5089M02000004S	MAIN PCB FR4 DS 90X102*1.6mm	
E715	715G5089M02000004I	MAIN PCB FR4 DS 90X102*1.6mm	2nd source
U702	056G 563528BHF	LDO BL1117-33CY 1A 3.3V TO-252	
U102	056G 662 52	ESD PROTECT AZC398-04S.R7G SOT23-6	
U104	056G 662 52	ESD PROTECT AZC398-04S.R7G SOT23-6	
U103	056G 662 52	ESD PROTECT AZC398-04S.R7G SOT23-6	
U107	056G 662 52	ESD PROTECT AZC398-04S.R7G SOT23-6	

U106	056G 662 52	ESD PROTECT AZC398-04S.R7G SOT23-6	
U105	056G1133161	EEPROM AT24C02C-SSHM-T 2Kb SOIC-8	
U101	056G1133161	EEPROM AT24C02C-SSHM-T 2Kb SOIC-8	
U403	056G2233501	FLASH MX25L2026DM1I-12G 2Mb SOP-8	
Q404	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	
Q402	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	
Q701	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	
Q706	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	
Q801	057G 600941	MOSFET AOD482 32A 100V TO-252	
Q705	057G 763940	MOSFET AO3401A SOT-23	
R425	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R450	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R483	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R453	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R419	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R444	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R421	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R424	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R452	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R439	061G0402000 JY	RST CHIPR MAX 0R05 OHM 1/16W YAGEO	
R138	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R131	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R109	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R137	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R133	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R134	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R136	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R132	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R104	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R116	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R135	061G0402100 JY	RST CHIPR 10 OHM +-5% 1/16W YAGEO	
R422	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	
R120	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	
R706	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	
R482	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	
R121	061G0402101 JY	RST CHIPR 100 OHM +-5% 1/16W YAGEO	
R127	061G0402102 JY	RST CHIPR 1KOHM +-5% 1/16W YAGEO	
R480	061G0402102 JY	RST CHIPR 1KOHM +-5% 1/16W YAGEO	
R142	061G0402102 JY	RST CHIPR 1KOHM +-5% 1/16W YAGEO	
R481	061G0402102 JY	RST CHIPR 1KOHM +-5% 1/16W YAGEO	
R479	061G0402102 JY	RST CHIPR 1KOHM +-5% 1/16W YAGEO	
R416	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R435	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R702	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	

R719	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R415	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R703	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R428	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R437	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO	
R712	061G0402104 JY	RST CHIPR 100KOHM +-5% 1/16W YAGEO	
R721	061G0402104 JY	RST CHIPR 100KOHM +-5% 1/16W YAGEO	
R433	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	
R429	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	
R427	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	
R431	061G0402220 JT	RST CHIP 22R 1/16W 5% TZAI YUAN	
R451	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	
R445	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	
R122	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	
R123	061G0402222 JT	RST CHIP 2K2 1/16W 5% TZAI YUAN	
R114	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	
R130	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	
R438	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	
R720	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	
R704	061G0402223 JY	RST CHIPR 22KOHM +-5% 1/16W YAGEO	
R726	061G0402303 JT	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	
R711	061G0402333 JT	RST CHIP 33K 1/16W 5% TZAI YUAN	
R409	061G0402392 JT	RST CHIP R 3K9 +/-5% 1/16W TZAI YUAN	
R408	061G0402392 JT	RST CHIP R 3K9 +/-5% 1/16W TZAI YUAN	
R410	061G0402392 JT	RST CHIP R 3K9 +/-5% 1/16W TZAI YUAN	
R436	061G0402393 JF	RST CHIP 39K 1/16W 5% FENGHUA	
R107	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R126	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R105	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R125	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R111	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R101	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R118	061G0402470 JY	RST CHIPR 47 OHM 5% 1/16W YAGEO	
R420	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R112	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R129	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R128	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R459	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R718	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R467	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R705	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R113	061G0402472 JY	RST CHIPR 4.7KOHM +-5% 1/16W YAGEO	
R117	061G0402750 JT	RST 0402 75R 5% 1/16W	
R110	061G0402750 JT	RST 0402 75R 5% 1/16W	

R106	061G0402750 JT	RST 0402 75R 5% 1/16W	
R811	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R818	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
FB101	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R119	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R807	061G0603100 JT	RST CHIP 10R 1/10W 5% TZAI YUAN	
R713	061G0603100 JT	RST CHIP 10R 1/10W 5% TZAI YUAN	
R714	061G06031002FF	RST CHIPR 10 KOHM +-1% 1/10W FENGHUA	
R801	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R805	061G0603104 JT	RST CHIP 100K 1/10W 5% TZAI YUAN	
R821	061G0603109 JY	RST CHIPR 1 OHM +-5% 1/10W YAGEO	
R819	061G0603109 JY	RST CHIPR 1 OHM +-5% 1/10W YAGEO	
R820	061G0603109 JY	RST CHIPR 1 OHM +-5% 1/10W YAGEO	
R822	061G0603109 JY	RST CHIPR 1 OHM +-5% 1/10W YAGEO	
R815	061G06031603FF	RST CHIPR 160KOHM 1/10W	
R810	061G06032002FF	RST CHIPR 20KOHM +-1% 1/10W FENGHUA	
R809	061G06032203FY	RST CHIPR 220KOHM +-1% 1/10W YAGEO	
R802	061G0603304 JY	RST CHIPR 300K +-5% 1/10W YAGEO	
R446	061G0603331 JT	RST 0603 330R 5% 1/10W	
R816	061G06034701FT	RST CHIP 4K7 1/10W 1%	
R455	061G0603471 JT	RST CHIPR 470OHM +-5% 1/10W TZAI YUAN	
R817	061G0603471 JT	RST CHIPR 470OHM +-5% 1/10W TZAI YUAN	
R806	061G06035101FF	RST 0603 5.1K 1% 1/10W	
R715	061G06035362FF	RST CHIPR 53.6KOHM +-1% 1/10W FENGHUA	
R430	061G06036201FF	RST CHIPR 6.2KOHM +-1% 1/10W FENGHUA	
R804	061G1206100 JF	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	
R146	061G1206301 JT	RST CHIPR 300 OHM +-5% 1/4W TZAI YUAN	
C721	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C142	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C409	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C725	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C122	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C121	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C411	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C414	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C410	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C419	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C708	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C717	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C417	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C408	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C115	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C422	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C709	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	

C420	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R	
C416	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R	
C145	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C415	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C418	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C146	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C731	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C151	065G040222031J	A	CAP 0402 22PF J 50V NPO	
C722	065G040222232K	Y	CAP CHIP 0402 2N2 50V X7R +/-10%	
C147	065G040222322K	Y	CAP 0402 22NF 10% 25V X7R	
C116	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	
C412	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	
C101	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	
C724	065G040222415K	T	CAP CHIP 0402 220nF K 16V X5R	
C110	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C104	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C107	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C102	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C105	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C108	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C103	065G040250931C	Y	CAP 0402 5PF 0.25pF 50V NP0	
C106	065G040250931C	Y	CAP 0402 5PF 0.25pF 50V NP0	
C109	065G040250931C	Y	CAP 0402 5PF 0.25pF 50V NP0	
C813	065G060310131J	Y	CAP CHIP 0603 100P 50V NP0 +/-5%	
C710	065G060310131J	Y	CAP CHIP 0603 100P 50V NP0 +/-5%	
C714	065G060310131J	Y	CAP CHIP 0603 100P 50V NP0 +/-5%	
C715	065G060310232K	Y	CAP CHIP 0603 1N 50V X7R +/-10%	
C815	065G060310232K	Y	CAP CHIP 0603 1N 50V X7R +/-10%	
C712	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C719	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C814	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C802	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C728	065G060310522K	A	0603 1UF 25V X7R	
C713	065G060310522K	A	0603 1UF 25V X7R	
C807	065G060333332K	A	CAP CHIP 0603 33nF K 50V X7R	
C812	065G060347131J	A	CAP CHIP 0603 470PF J 50V NPO	
C805	065G060347412K	A	CAP 0603 470NF 10% 16V X7R	
C413	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R	
C424	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R	
C425	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R	
C811	065G080547432K	A	CAP CHIP 0805 0.47UF K 50V X7R	
C810	065G080547432K	A	CAP CHIP 0805 0.47UF K 50V X7R	
C804	065G080547432K	A	CAP CHIP 0805 0.47UF K 50V X7R	
C732	065G120610625K	A	CAP 1206 10UF 10% 25V X5R	

C723	065G120610625K A	CAP 1206 10UF 10% 25V X5R	
C720	065G120610625K A	CAP 1206 10UF 10% 25V X5R	
FB403	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	
FB702	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	
FB102	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	
FB404	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	
FB408	071G 59C121 TA	CHIP BEAD 0603 120R 25% 300mA	
FB107	071G 59G301 TA	CHIP BEAD 300OHM 200mA FCM1608KF-301T02	
FB103	071G 59G301 TA	CHIP BEAD 300OHM 200mA FCM1608KF-301T02	
FB104	071G 59K190 M	CHIP BEAD 0603 19R/500mA	
FB105	071G 59K190 M	CHIP BEAD 0603 19R/500mA	
FB106	071G 59K190 M	CHIP BEAD 0603 19R/500mA	
L801	073G253S 98 DN	SMD CHOKE 47UH 20% 0.064R LZ.29470.B2P	
L701	073G253S521 M	SMD CHOKE 22uH 20% 0.073R 3.3A HF	
D102	093G 64 42 PP	BAV70 SOT-23	
D101	093G 64 42 PP	BAV70 SOT-23	
ZD102	093G 39GA01 T	RLZ5.6B	
ZD101	093G 39GA01 T	RLZ5.6B	
D801	093G 60S509 T	SCHOTTKY BR310 T/R 3A 100V SMB	
D701	093G3004 2	SR34 PAN JIT	
CN405	311GF100C06ADH	FFC CONN 1.0mm 6P	
CN804	311GW125D06AAX	CONN 1.25mm 6P S1315-06SVB-S03-R	
U401	356G0562128B12	SCALER RTD2281DW-CG QFP-128	
U705	356G0563419	DC/DC APW7089KAI-TRG 4A 26V SOP-8P	
U801	356G0700045	LED DRIVER PF7024 S SOP-16	
R813	361G1206108AJF	RST 1206 0.1R 5% 1/4W RS-06MR10JT	
R812	361G1206208AJF	RST 1206 0.2R 0.5% 1/4W RS-06MR20JT	
	709G50890HS001	COMSUMPTIVE ASSY	
	H52G 2191 1	美纹胶带	
	H52G1701 1	MESH PRINTTING_PAPER	