Service
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Service Manual

Horizontal Frequency
30-81 kHz

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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	Remark
A00	Aug.-01-2011	Initial release	T8AMM5NK6WA1NNE
			T8AMM5NQ6WA1NNE
			T8BAM5NQ6WA1NNE
			T8BGM5NQ6WA1NNE
			T8BAM5NQ6WA2NNE
			T8BAM5NQ6WA1N6E

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

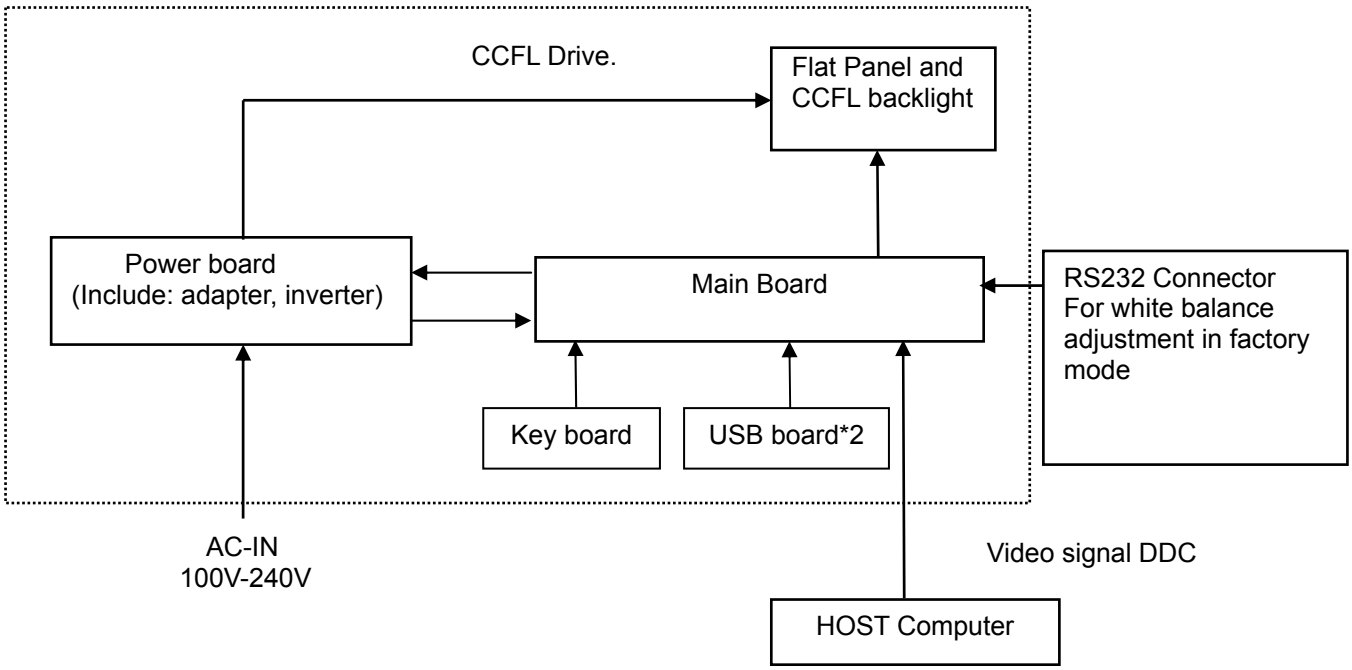
LCD Panel	Model number	N936Sw	
	Driving system	TFT Color LCD	
	Viewable Image Size	47.0cm diagonal	
	Pixel pitch	0.3mm(H) x 0.3mm(V)	
	Video	R, G, B Analog Interface & Digital Interface	
	Separate Sync.	H/V TTL	
	Display Color	16.7M Colors	
	Dot Clock	85.5MHz	
Resolution	Horizontal scan range	30 kHz - 81 kHz	
	Horizontal scan Size(Maximum)	409.8mm	
	Vertical scan range	55 Hz - 75 Hz	
	Vertical scan Size(Maximum)	230.4mm	
	Optimal preset resolution	1366x768 (60 Hz)	
	Highest preset resolution	1366x768 (60 Hz))	
	Plug & Play	VESA DDC2B/CI	
	Input Connector	D-Sub 15pin	
	Input Video Signal	Analog: 0.7Vp-p(standard), 75 OHM	
	Power Source	100-240V~, 50/60Hz	
	Power Consumption	Typical < 25W	
		Standby < 1 W	
Physical Characteristics	Connector Type	15-pin Mini D-Sub	
	Signal Cable Type	Detachable	
	Dimensions & Weight:	Height (with base)	358.66mm
		Width	463.14mm
		Depth	186mm
		Weight (monitor only)	3.13 kg
		Weight (with packaging)	4.18kg
Environmental	Temperature:	Operating	0° to 40°
		Non-Operating	-20°to 60°
	Humidity:	Operating	10% to 85% (non-condensing)
		Non-Operating	5% to 80% (non-condensing)
	Altitude:	Operating	0~ 3000m (0~ 10000 ft)
		Non-Operating	0~ 5000m (0~ 15000 ft)

2. LCD Monitor Description

The LCD MONITOR will contain a main board, a power board, a key board and two USB boards 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

3.1 General Instructions

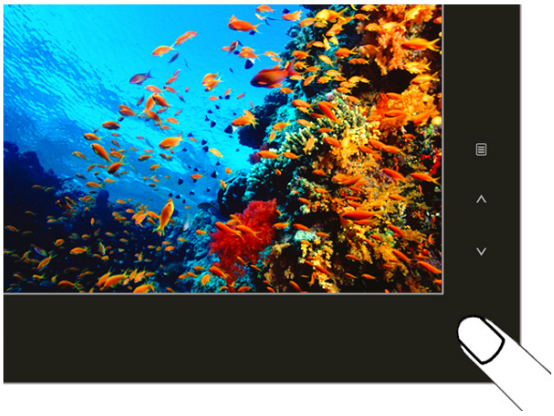
Press the power button to turn the monitor on or off. The other control knobs are located at front panel of the monitor (See Figure). By changing these settings, the picture can be adjusted to your personal preferences.

* The power cord should be connected.
* Press the power button to turn on the monitor. The power indicator will light up.

3.2 Control Buttons and Connections

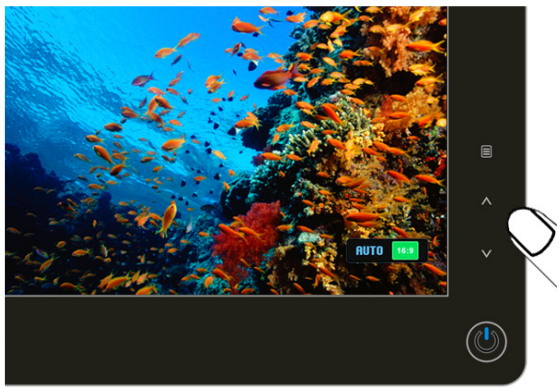
Power

Press to turn on or turn off the monitor.



4 : 3 or wide / Up

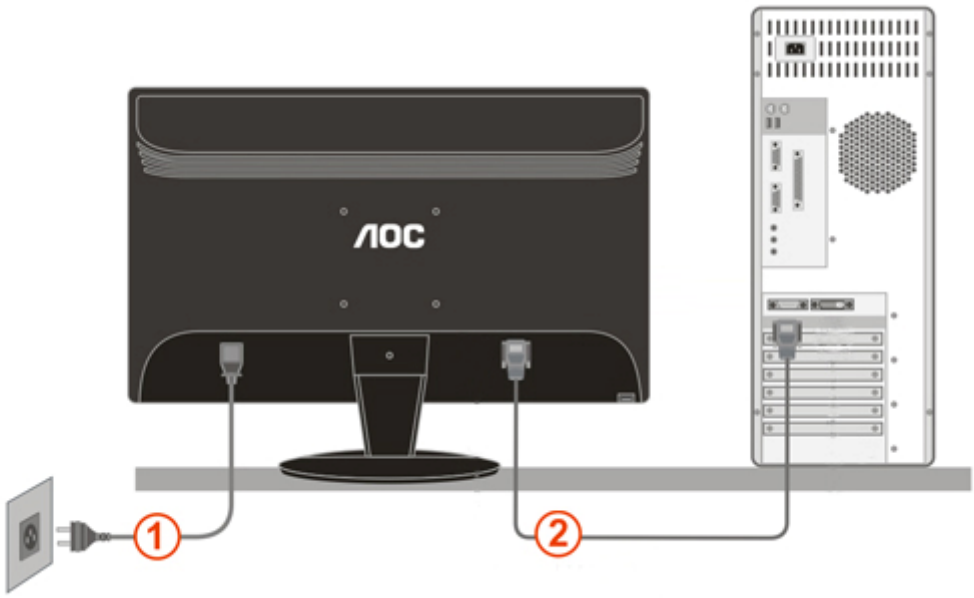
Press ^key to change the screen aspect ratio between standard 4:3 format or Wide format. When the input resolution is wide format, the aspect ratio hotkey is disabled. When the main menu or sub-menu is active, the ^key functions as to select up or increase value.



Auto / Down

Auto configure hot key: When the OSD is closed, press Auto button to do auto configure.

Cable Connections On Back of Monitor and Computer



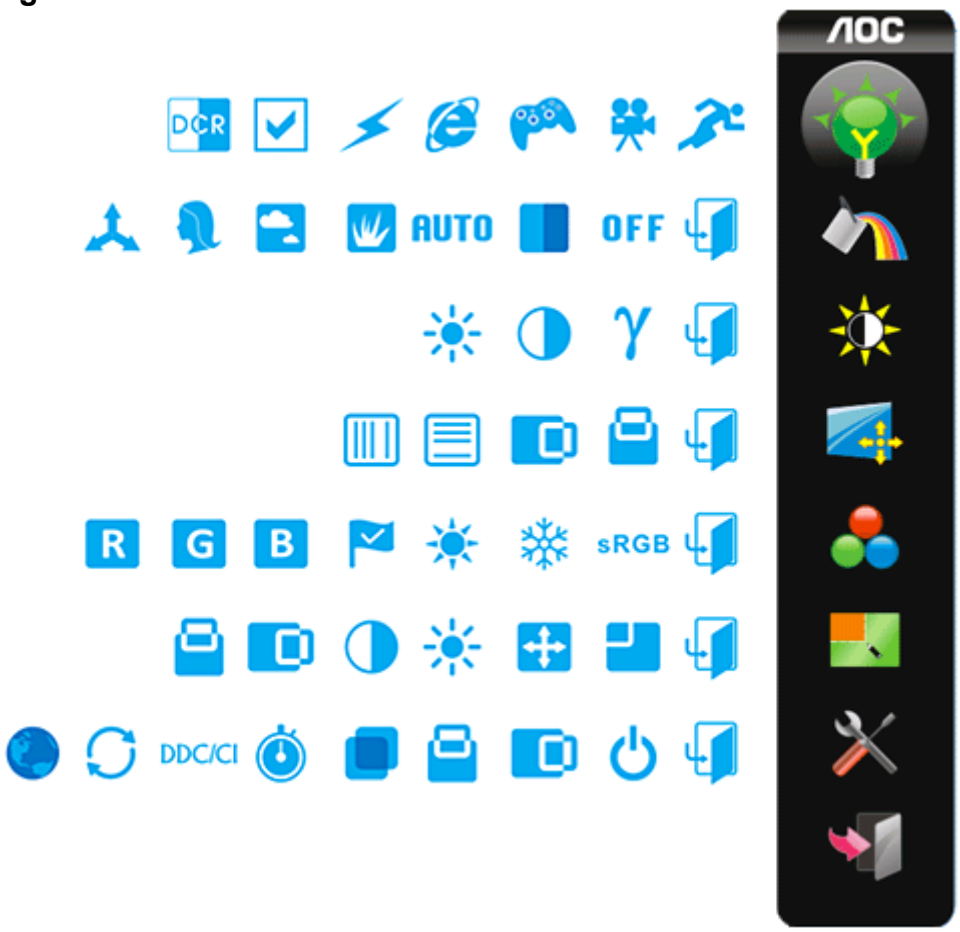
1. Power
2. Analog (DB-15 VGA cable)

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

1. Connect the power cable to the AC 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. Turn on your monitor and computer.

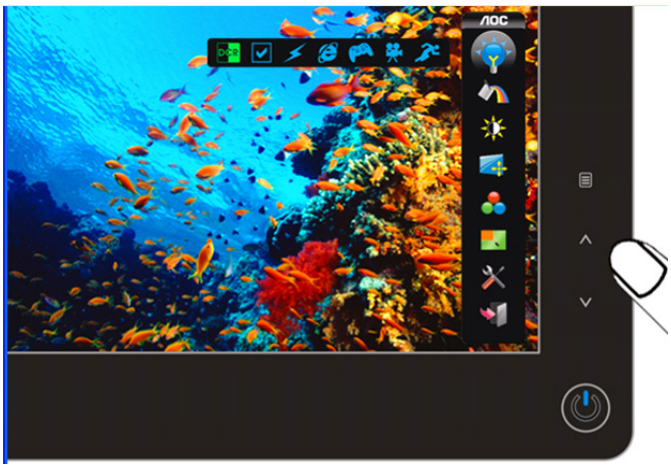
If your monitor displays an image, installation is complete. If it does not display an image, please refer Troubleshooting.

3.3 OSD Setting

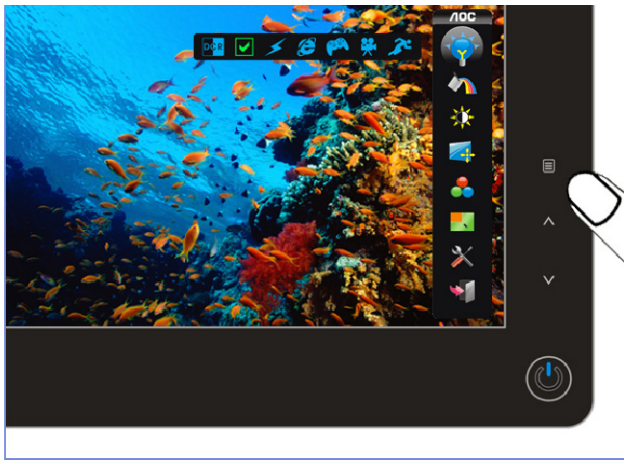


Eco mode ---DCR, Standard, Text, Internet, Game, Movie, Sports

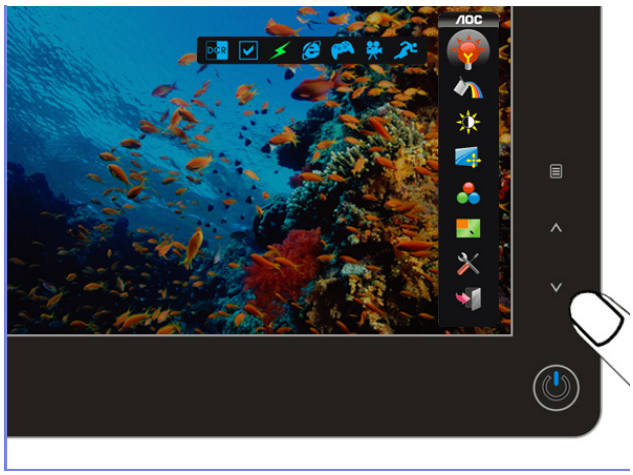
DCR



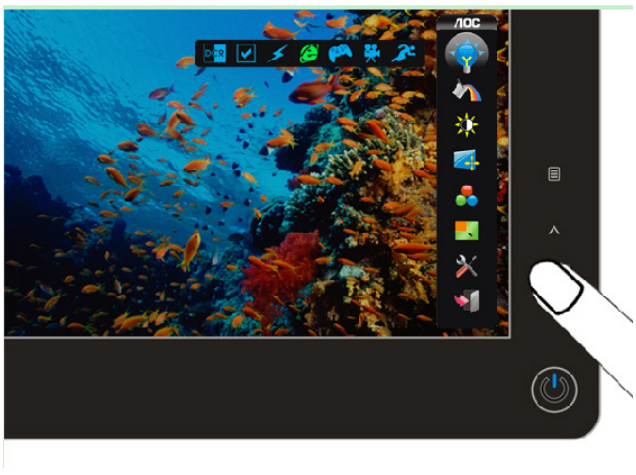
Standard



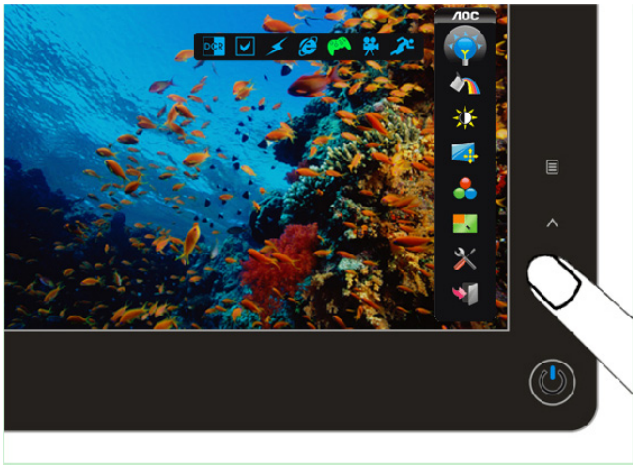
Text



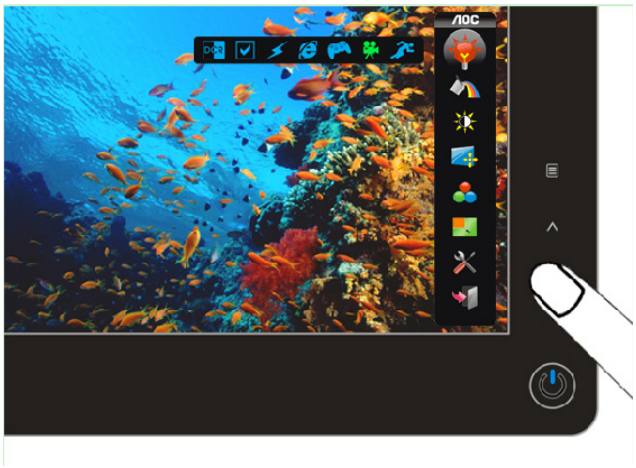
Internet



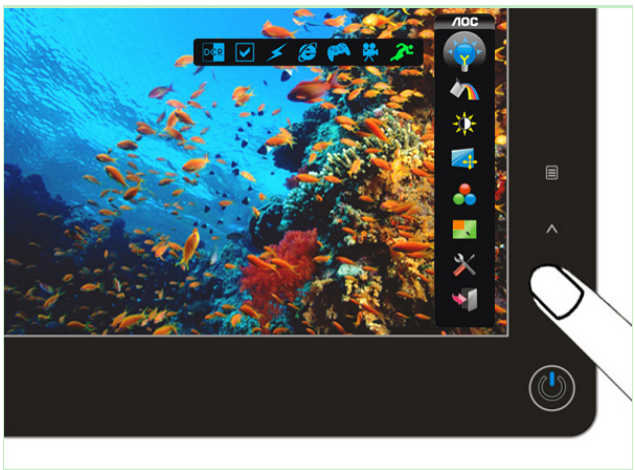
Game



Movie



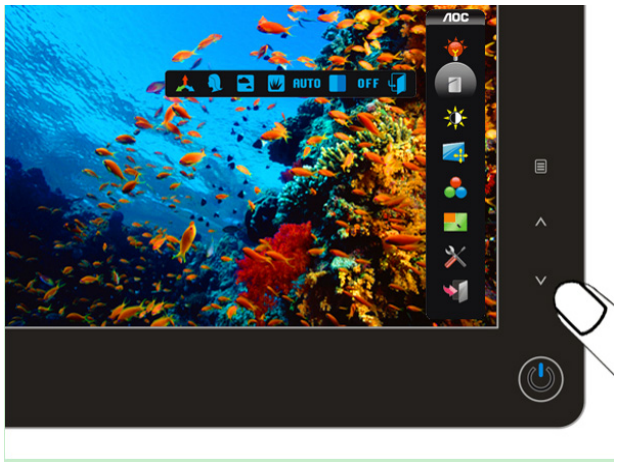
Sports



Notes : When Eco mode is not set as “Standard”, Contrast and Brightness can not be adjusted; When DCR is set as “On”, Contrast, Brightness, Eco mode and Gamma can not be adjusted.

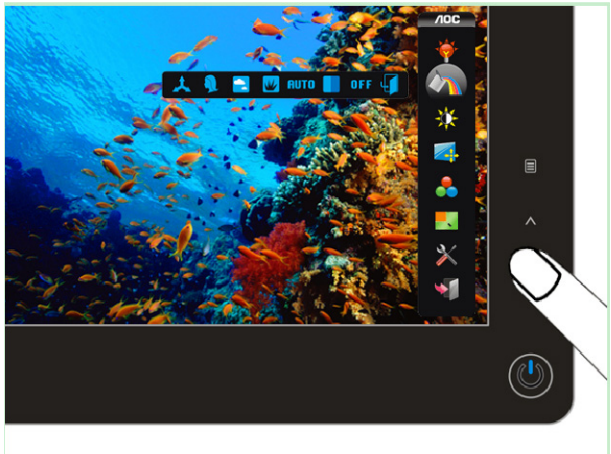
Color Boost --- Full Enhance, Nature Skin, Sky-Blue, Green Field, Auto Detect, Demo, Off, Exit

Full Enhance

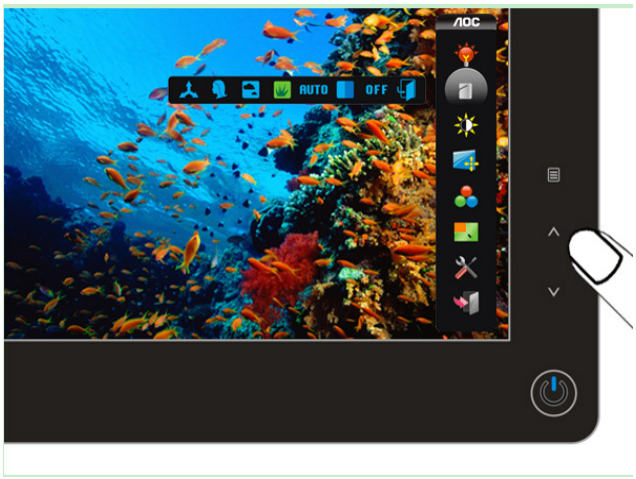


Nature Skin

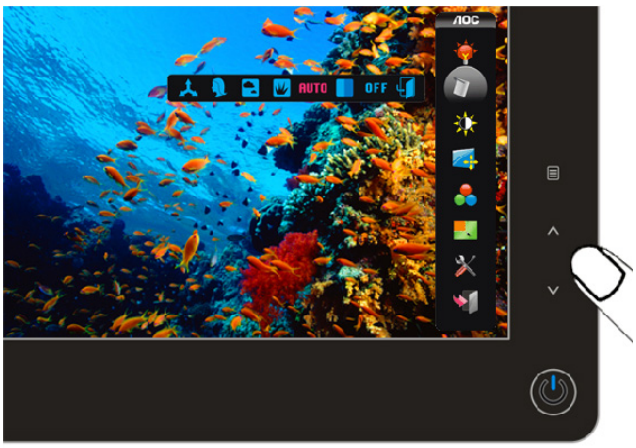
Sky-Blue



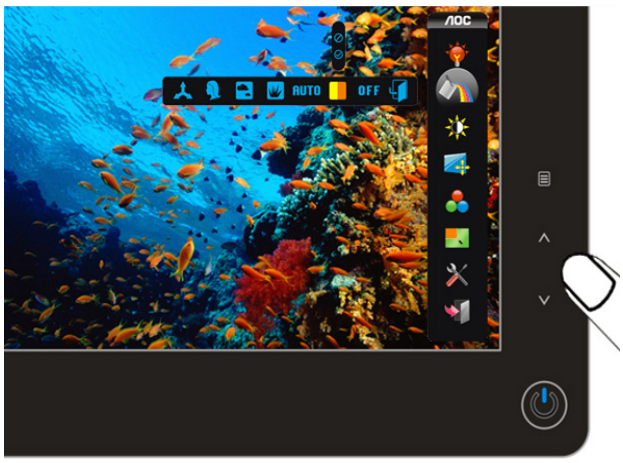
Green Field



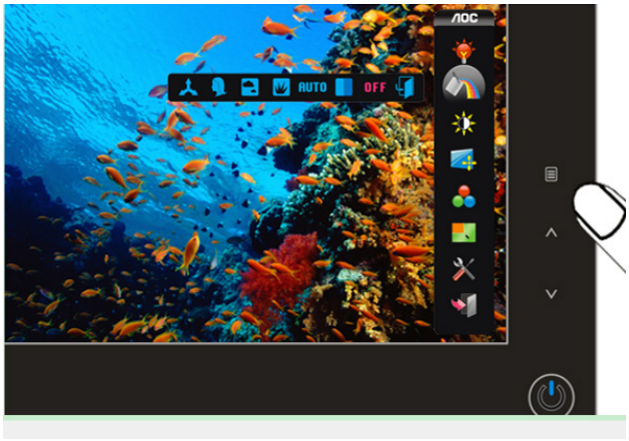
Auto Detect



Demo



Off



Exit

Notes :

Full Enhance: Total color saturation is enhanced, suitable for vivid pictures.

Natural Skin: Suitable for human portrait.

Green Field: Suitable for large area of green.

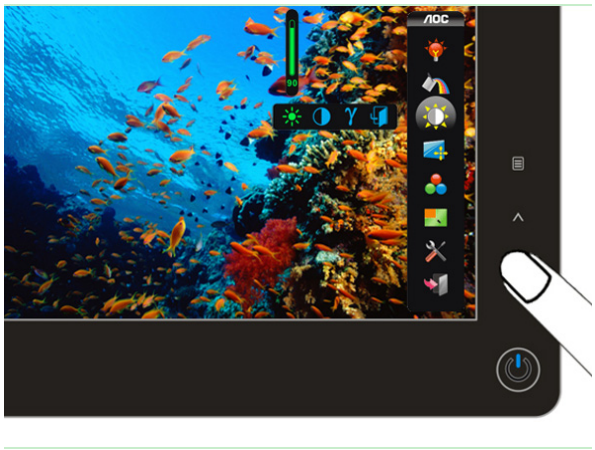
Sky Blue: Suitable for sky or ocean scene.

Auto Detect: Suitable for outdoor or garden.

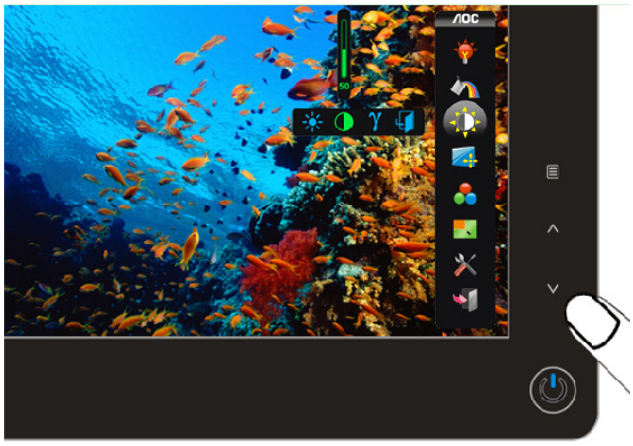
Demo: Screen divided into two for comparison purpose.

Luminance ---Brightness,Contrast, Gamma

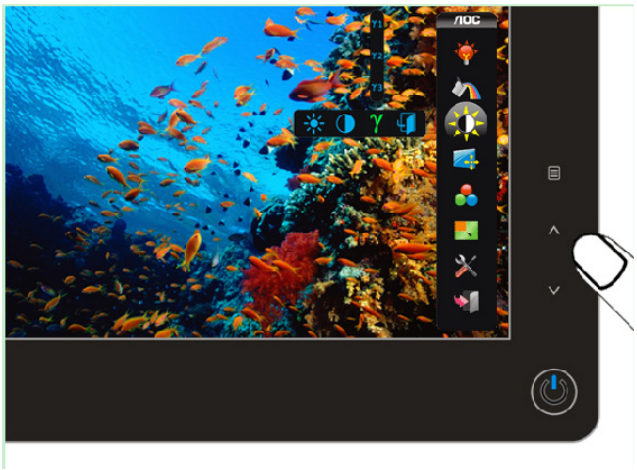
Brightness



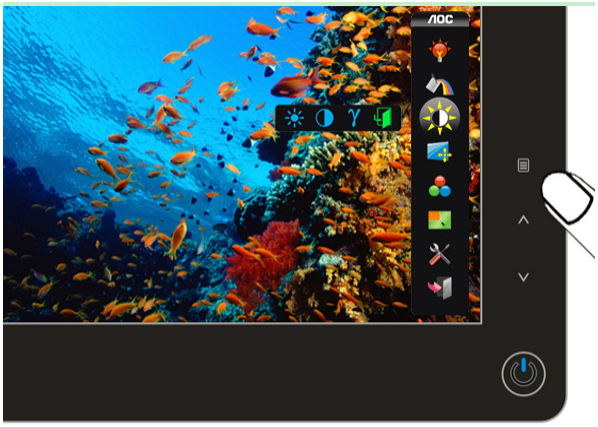
Contrast



Gamma



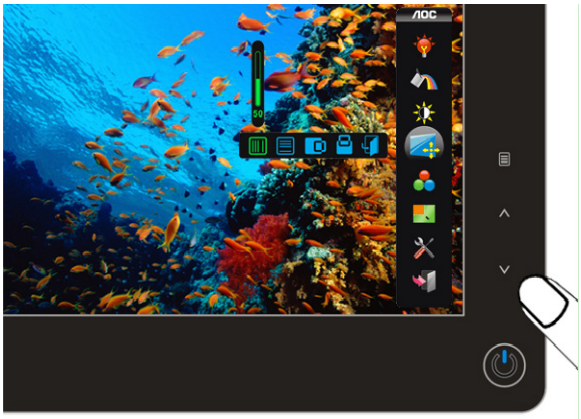
Exit



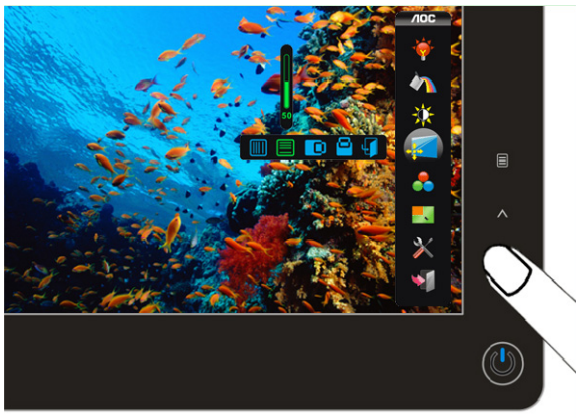
Notes : When Eco mode is not set as “Standard”, Contrast and Brightness can not be adjusted; When DCR is set as “On”, Contrast, Brightness, Eco mode and Gamma can not be adjusted.

Image Setup --- Clock, Phase, H.Position, V.Position, Exit

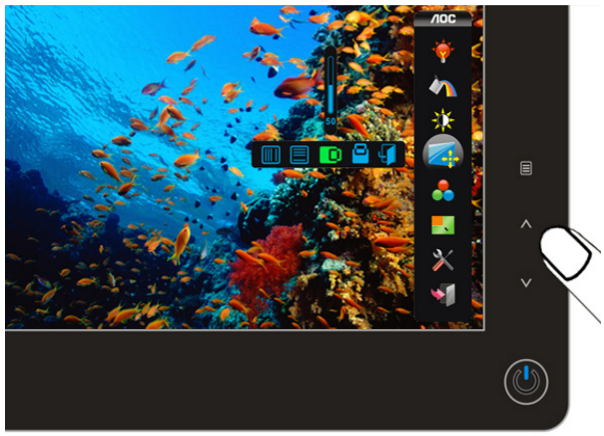
Clock



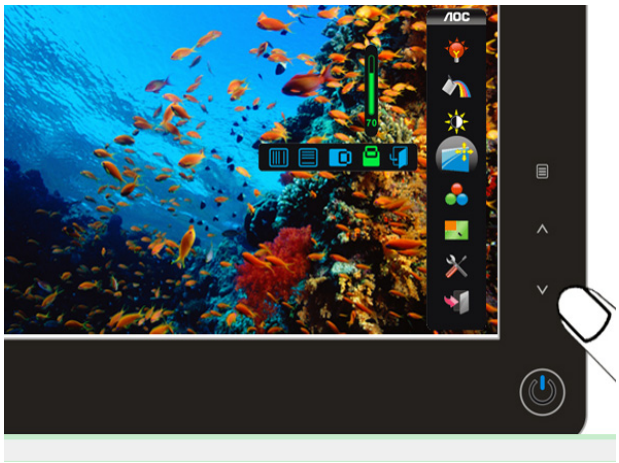
Phase



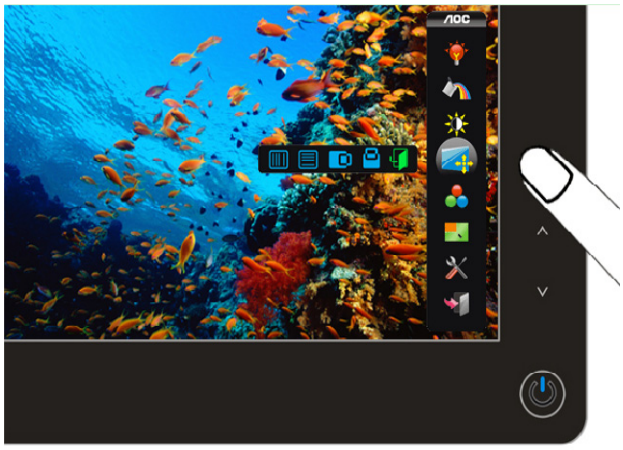
H.Position



V.Position



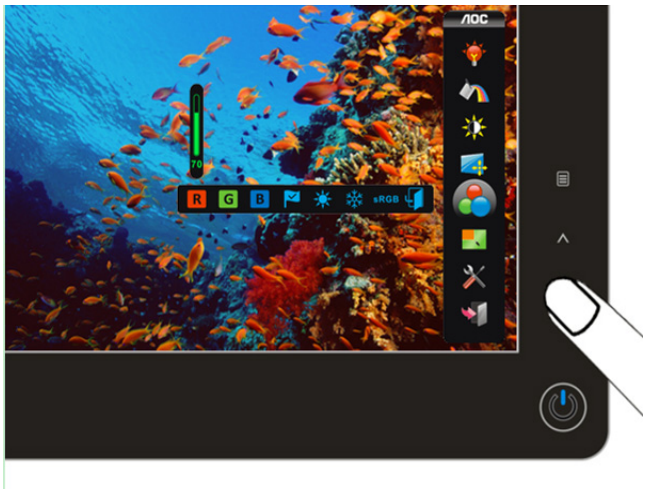
Exit



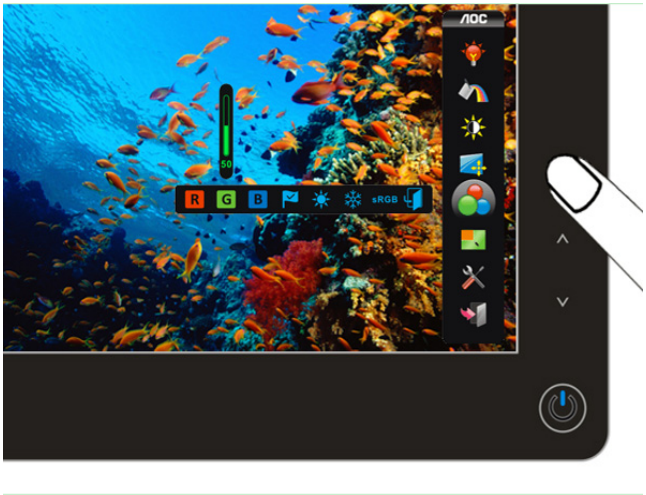
Notes : When the input source is digital signal like DVI or HDMI, Image Setup can not be adjusted.

Color Temperature ---User-R , User-G , User-B, Normal, Warm, Cool, sRGB, Exit

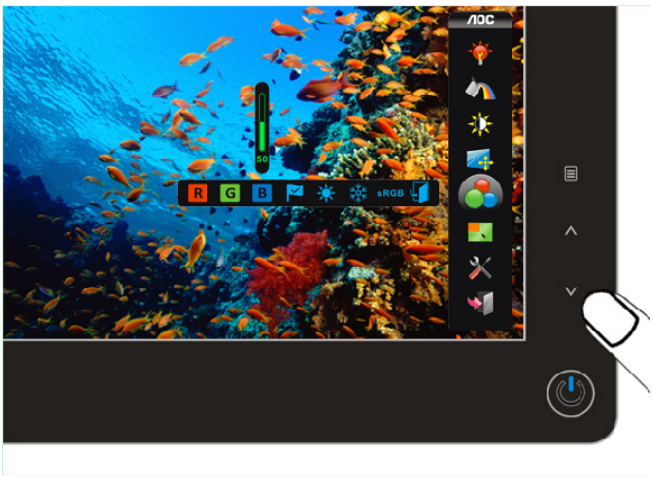
User-R



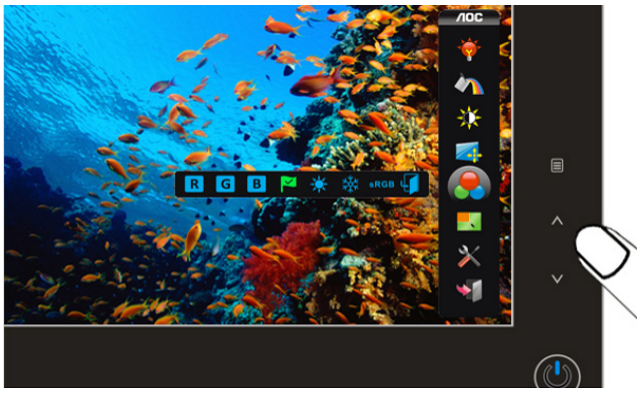
User-G



User-B

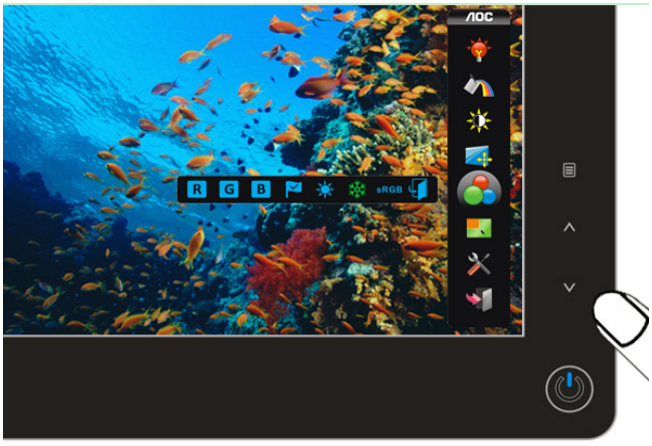


Normal



Warm

Cool



sRGB

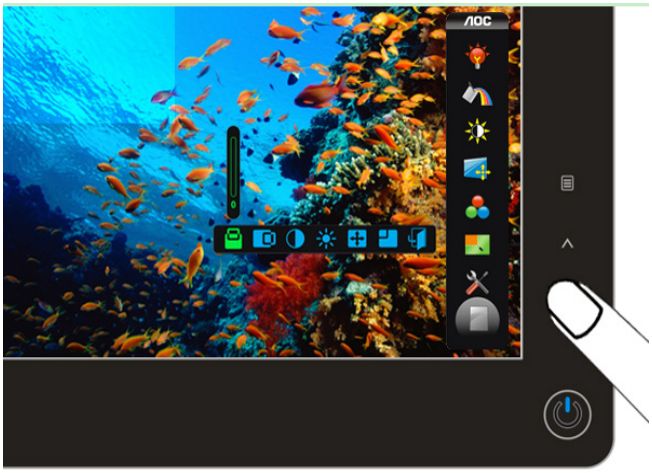
Exit

Notes :

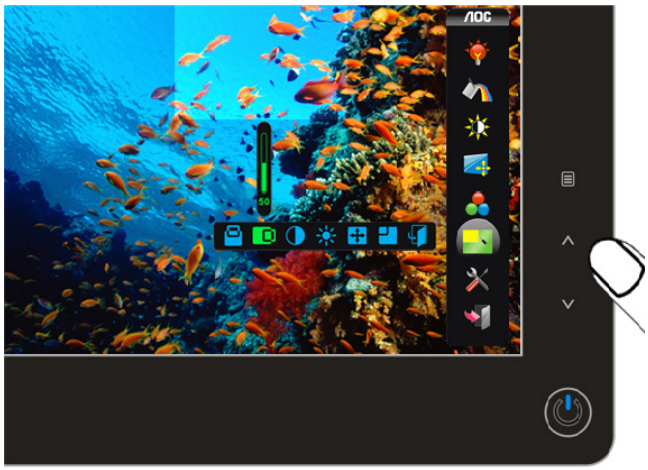
One of DCR, Color Boost, and Picture Boost functions is active, the other two function is turned off accordingly.

Picture Boost --- V.Position, H.Position, Contrast, Brightness, Frame Size, Bright Frame, Exit

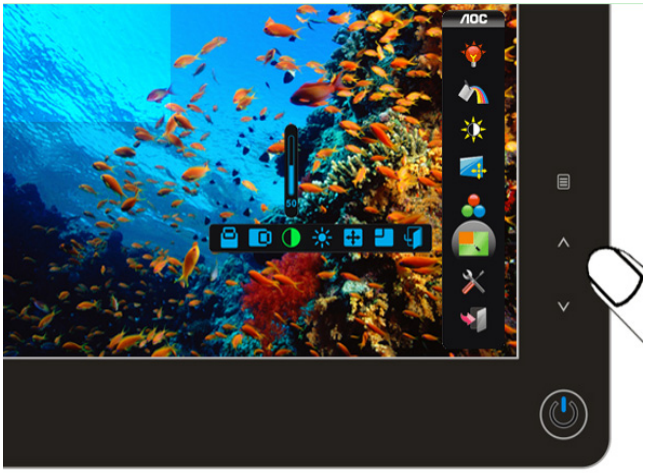
V.Position



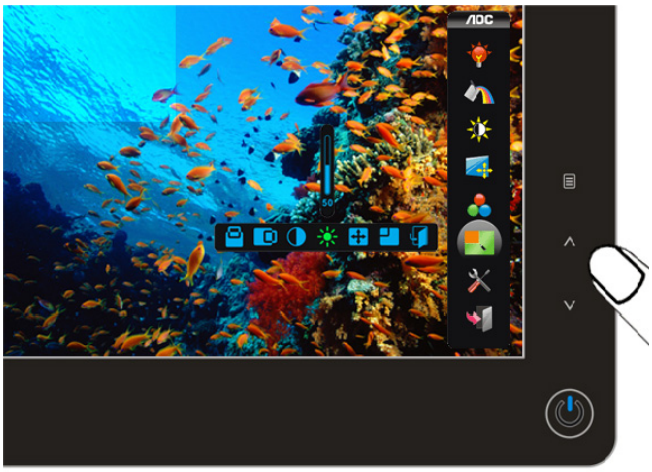
H.Position



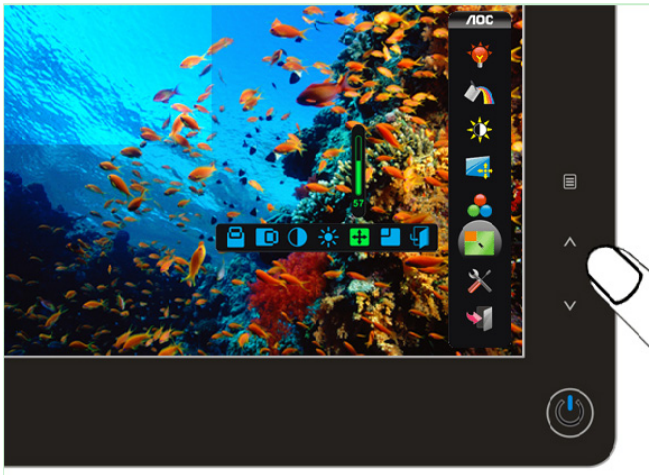
Contrast



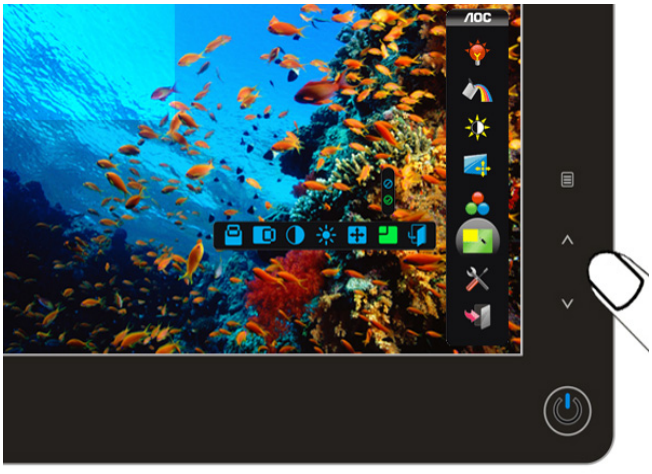
Brightness



Frame Size



Bright Frame



Exit

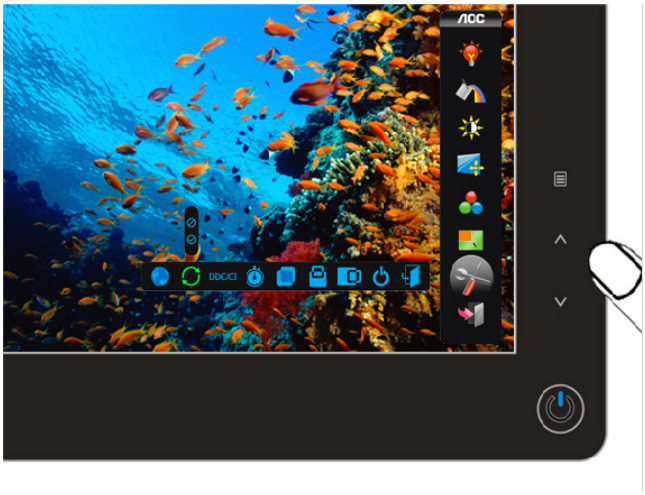
Notes :

One of DCR, Color Boost, and Picture Boost functions is active, the other two function is turned off accordingly.

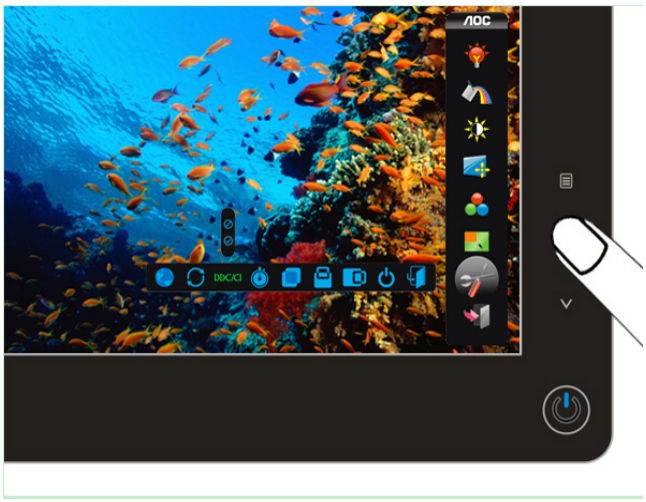
Extra ---Language, Reset, DDC-CI,OSD Timeout, Transparency, V. Position, H. Position, Off Timer, Exit

Language

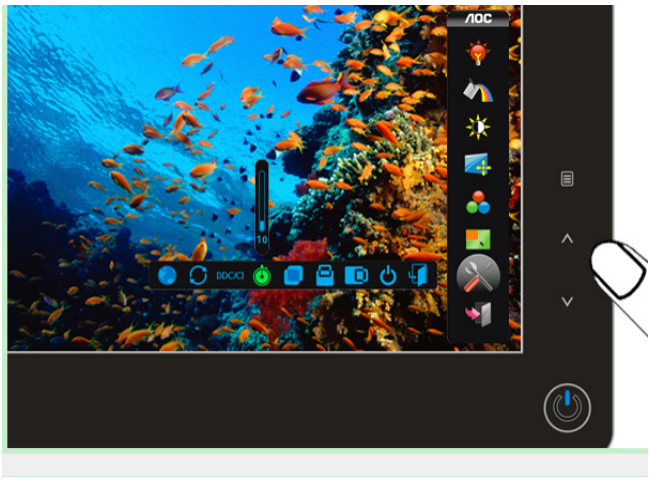
Reset



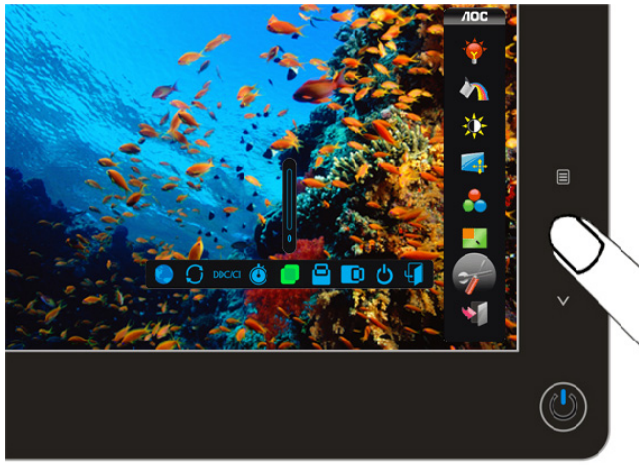
DDC-CI



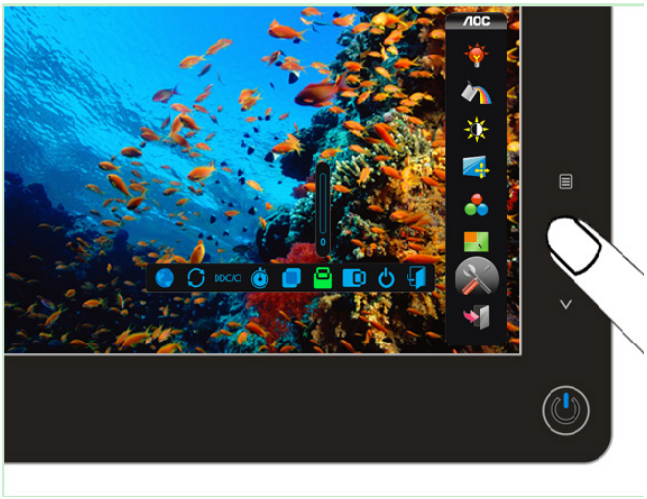
OSD Timeout



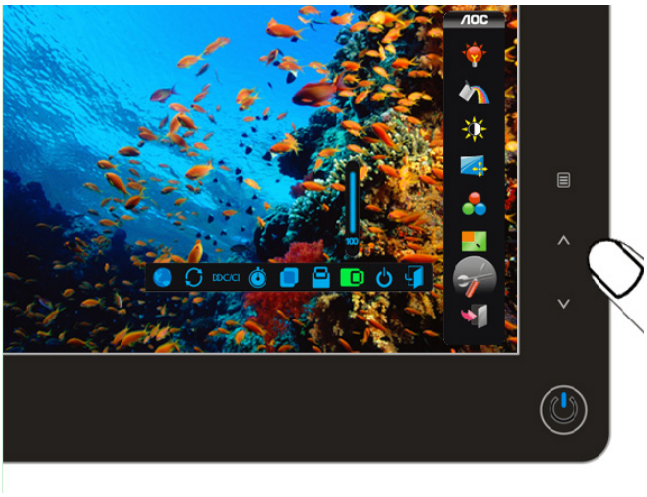
Transparency



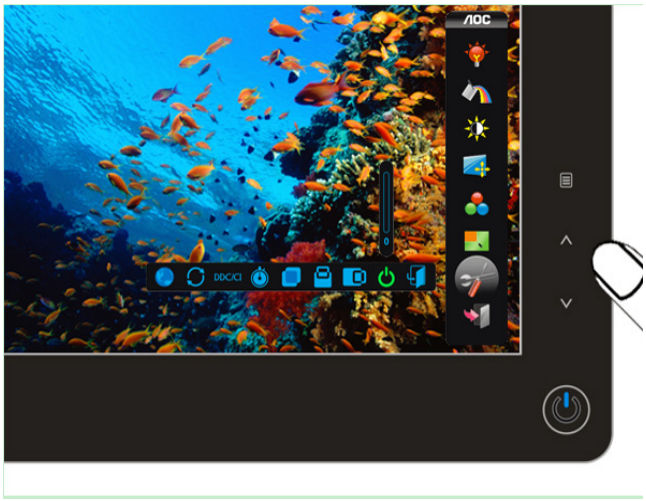
V. Position



H. Position

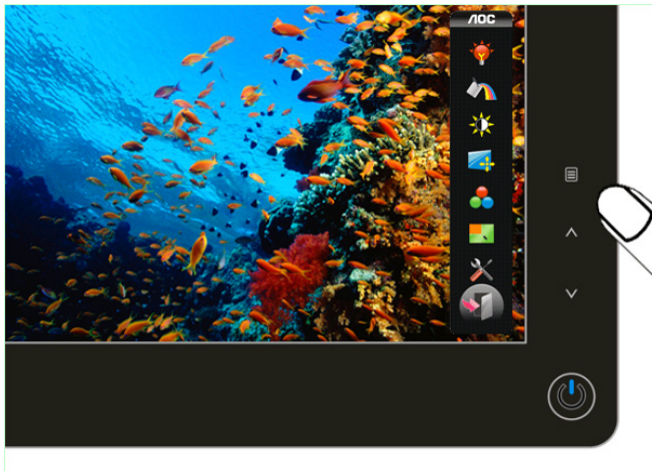


Off Timer



Exit

Exit

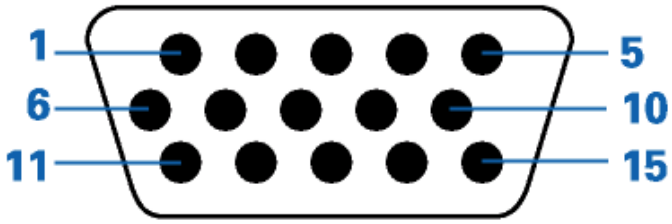


LED Indicator

Status	LED Color	
Full Power Mode	Blue	
Active-off Mode	Orange	

4. Input/Output Specification

4.1 Input Signal Connector



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

4.2 Preset Display Modes

STAND	RESOLUTION	HORIZONTAL FREQUENCY(kHz)	VERTICAL FREQUENCY(Hz)
VGA	640×480 @60Hz DMT	31.469	59.94
VGA	640×480 @67Hz MAC	35	66.667
VGA	640×480 @72Hz DMT	37.861	72.809
VGA	640×480 @75Hz DMT	37.5	75
Dos-mode	720×400 @70Hz DOS	31.469	70.087
SVGA	800×600 @56Hz DMT	35.156	56.25
SVGA	800×600 @60Hz DMT	37.879	60.317
SVGA	800×600 @72Hz DMT	48.077	72.188
SVGA	800×600 @75Hz DMT	46.875	75
SVGA	832×624 @75Hz	49.725	74.55
XGA	1024×768 @60Hz DMT	48.363	60.004
XGA	1024×768 @70Hz DMT	56.476	70.069
XGA	1024×768 @75Hz DMT	60.023	75.029
WXGA	1366x768 @60Hz DMT	47.765	59.85

4.3 Panel Specification

4.3.1 General Features

M185B1-L07 is a 18.5” 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.

4.3.2 General Specifications

Item	Specification	Unit
Active Area	409.8 (H) × 230.4(V) (18.5” diagonal)	mm
Bezel Opening Area	413.4(H) x 234 (V)	mm
Driver Element	a-Si TFT active matrix	-
Pixel Number	1366 x R.G.B. x 768	pixel
Pixel Pitch	0.3 (H) x 0.3 (V)	mm
Pixel Arrangement	RGB vertical stripe	-
Display Colors	16.7M	color
Transmissive Mode	Normally White	-
Surface Treatment	Anti-glare type, 3H hard coating	-
Module Power Consumption	15.21	Watt

Item		Min.	Typ.	Max.	Unit
Module Size	Horizontal(H)	429.87	430.37	430.87	mm
	Vertical(V)	254.1	254.6	255.1	mm
	Depth(D)	9.8	10.5	11	mm
Weight		-	1425	1475	g

4.3.3 Electrical Characteristics

1.TFT LCD Module

(Ta= 25±2℃, VCC=5.0V, Fv=60Hz)

Parameter		Symbol	Value			Unit
			Min.	Typ.	Max.	
Power Supply Voltage		Vcc	4.5	5.0	5.5	V
Ripple Voltage		V_{RP}	-	-	300	mV
Power on Rush Current		I_{RUSH}	-	-	3	A
Power Supply Current	White	Icc	-	0.44	0.6	A
	Black		-	0.59	0.9	A
	Vertical Stripe		-	0.61	0.9	A
Power Consumption(without Backlight Unit)		P_{LCD}	-	3.05	4.5	Watt
LVDS differential input voltage		Vid	100	-	600	mV
LVDS common input voltage		Vic	-	1.2	-	V
Logic High Input Voltage		VIH	2.0	-	2.7	V
Logic Low Input Voltage		VIL	-	-	0.5	V

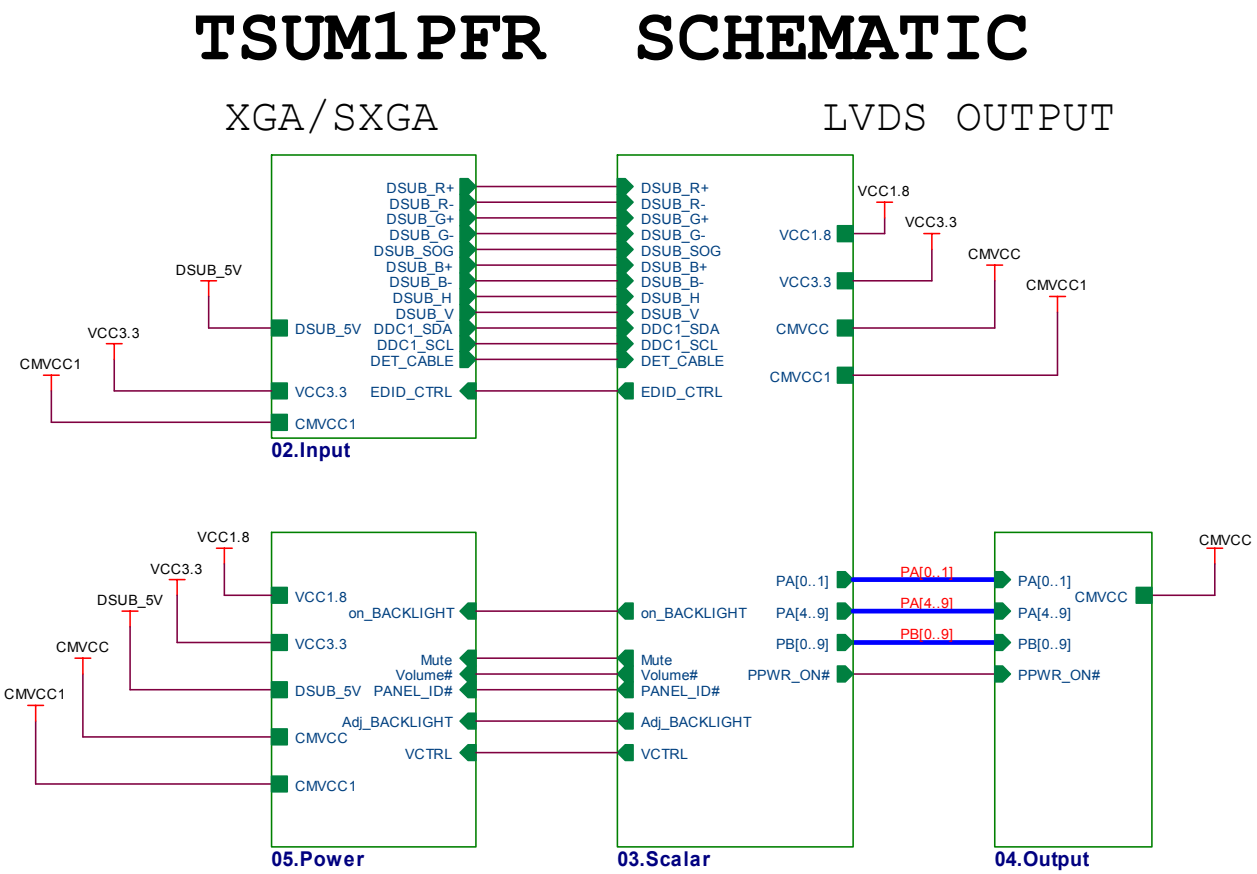
2 .Back Light Unit

Parameter	Symbol	Value			Unit	Note
		Min.	Typ.	Max.		
Lamp Input Voltage	V_L	---	760	836	V_{RMS}	I_L = 8.0 mA
Lamp Current	I_L	2.0	8.0	8.5	mA_{RMS}	(1)
Lamp Turn On Voltage	V_S	---	---	1680(0℃)	V_{RMS}	(2)
		---	---	1460(25℃)	V_{RMS}	(2)
Operating Frequency	F_L	40	---	80	KHz	(3)
Lamp Life Time	L_{BL}	50000	---	---	Hrs	(5), I_L = 8.0mA
Power Consumption	P_L	---	12.16	---	W	(4), I_L = 8.0 mA

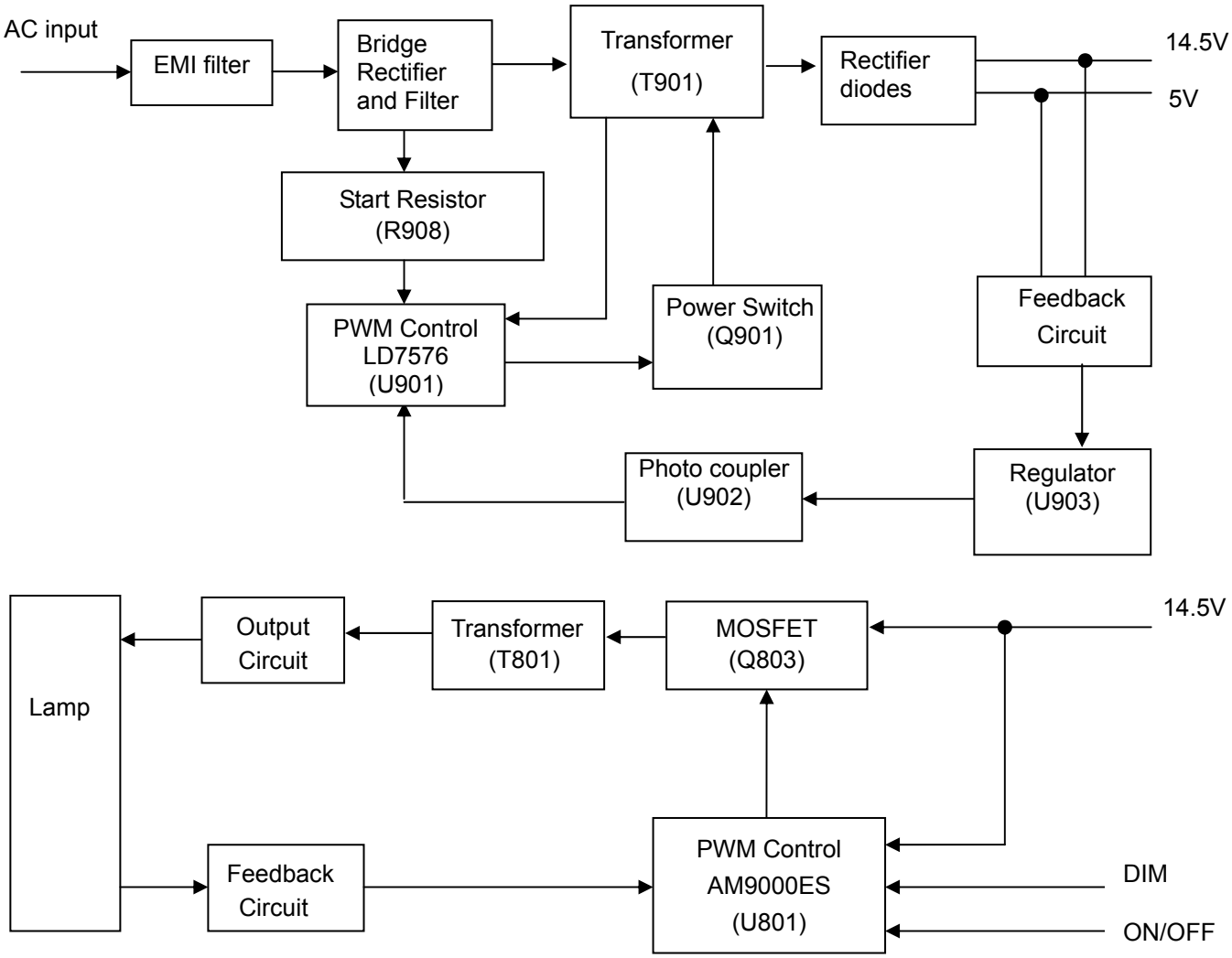
4.3.4 Optical Characteristics

Item		Symbol	Condition	Min.	Typ.	Max.	Unit
Color Chromaticity (CIE 1931)	Red	Rx	θ_x=0°, θ_Y =0° CS-1000T	Typ - 0.03	0.646	Typ + 0.03	-
		Ry			0.334		
	Green	Gx			0.284		
		Gy			0.602		
	Blue	Bx			0.152		
		By			0.076		
	White	Wx			0.313		
		Wy			0.329		
Center Luminance of White (Center of Screen)		L_C		150	200	-	cd/m^2
Contrast Ratio		CR		500	700	-	-
Response Time		T_R	θ_x=0°, θ_Y =0°	-	1.5	2.5	ms
		T_F		-	3.5	5.5	
White Variation		δW	θ_x=0°, θ_Y =0° USB2000	-	-	1.33	-
Viewing Angle	Horizontal	θ_x+	CR ≧ 10 USB2000	40	45	-	Deg.
		θ_x-		40	45	-	
	Vertical	θ_Y+		15	20	-	
		θ_Y-		40	45	-	
Viewing Angle	Horizontal	θ_x+	CR ≧ 5 USB2000	50	55	-	Deg.
		θ_x-		50	55	-	
	Vertical	θ_Y+		25	30	-	
		θ_Y-		50	55	-	

5.Block Diagram
5.1 Main Board



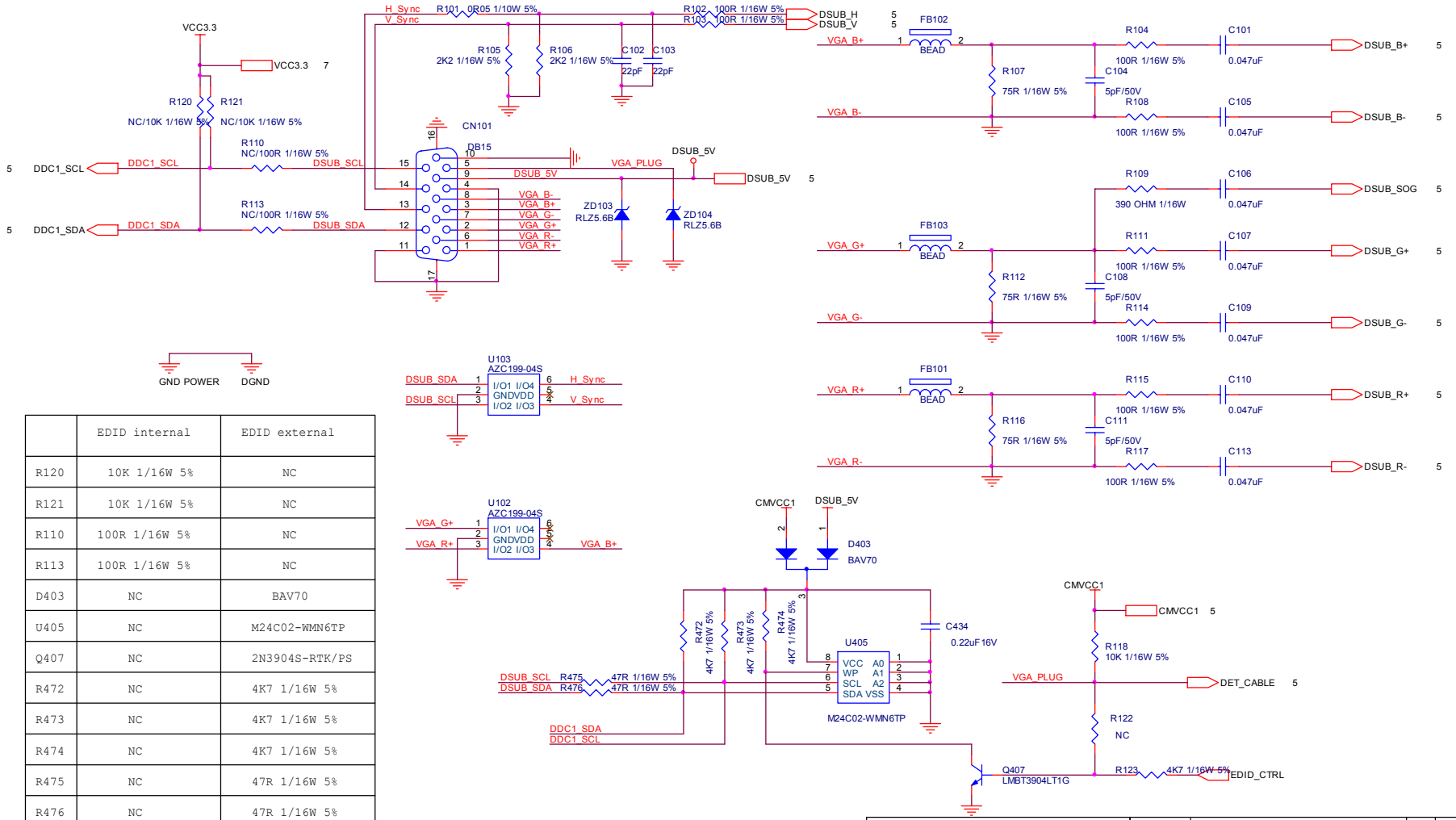
5.2 Power Board



6. Schematic

6.1 Main Board

715G3244 2



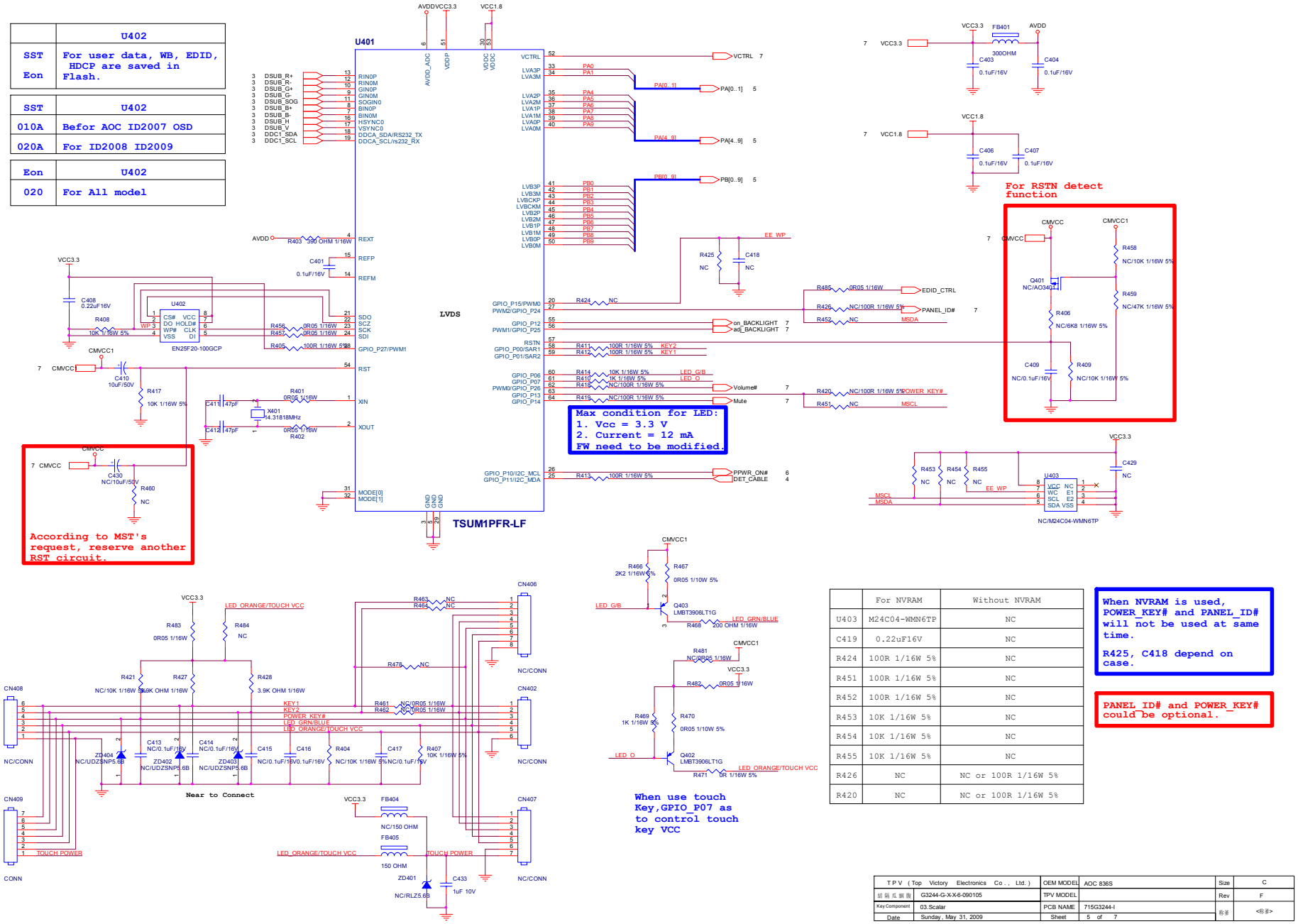
	EDID internal	EDID external
R120	10K 1/16W 5%	NC
R121	10K 1/16W 5%	NC
R110	100R 1/16W 5%	NC
R113	100R 1/16W 5%	NC
D403	NC	BAV70
U405	NC	M24C02-WMN6TP
Q407	NC	2N3904S-RTK/PS
R472	NC	4K7 1/16W 5%
R473	NC	4K7 1/16W 5%
R474	NC	4K7 1/16W 5%
R475	NC	47R 1/16W 5%
R476	NC	47R 1/16W 5%
C434	NC	0.22uF

T P V (Top Victory Electronics Co . , Ltd.)		OEM MODEL	AOC 836S	Size	B
結 隔 瓜 鋼 腹	G3244-G-X-X-6-090105	TPV MODEL		Rev	F
Key Component	02.Input	PCB NAME	715G3244-I	称 爹	<称爹>
Date	Tuesday, January 06, 2009	Sheet	4 of 7		

	U402
SST Eon	For user data, WB, EDID, HDCP are saved in Flash.

SST	U402
010A	Befor AOC ID2007 OSD
020A	For ID2008 ID2009

Eon	U402
020	For All model



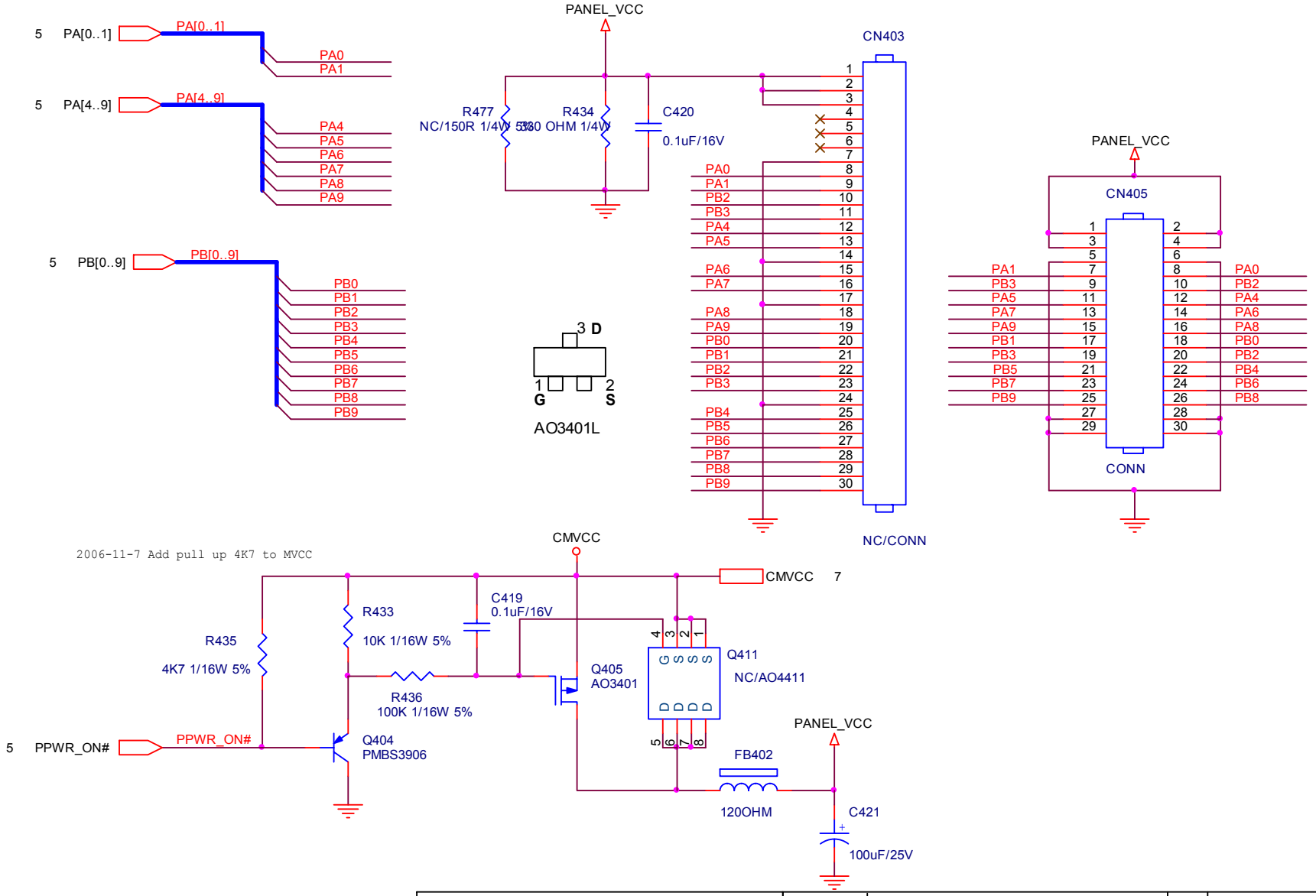
	For NVRAM	Without NVRAM
U403	M24C04-WMN6TP	NC
C419	0.22uF16V	NC
R424	100R 1/16W 5%	NC
R451	100R 1/16W 5%	NC
R452	100R 1/16W 5%	NC
R453	10K 1/16W 5%	NC
R454	10K 1/16W 5%	NC
R455	10K 1/16W 5%	NC
R426	NC	NC or 100R 1/16W 5%
R420	NC	NC or 100R 1/16W 5%

When NVRAM is used, POWER_KEY# and PANEL_ID# will not be used at same time.

R425, C418 depend on case.

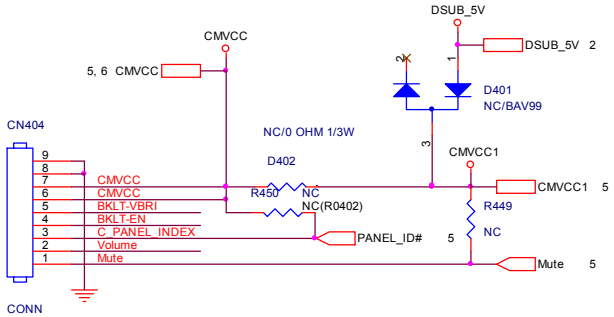
PANEL_ID# and POWER_KEY# could be optional.

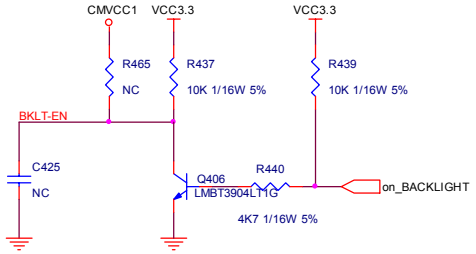
T P V (Top Victory Electronics Co., Ltd.)		OEM MODEL	AOC 836S	Size	C
結構瓜鋼版	G3244-G-X-X-6-090105	TPV MODEL		Rev	F
Key Component	03.Scalar	PCB NAME	715G3244-I	修修	<修修>
Date	Sunday, May 31, 2009	Sheet	5 of 7		

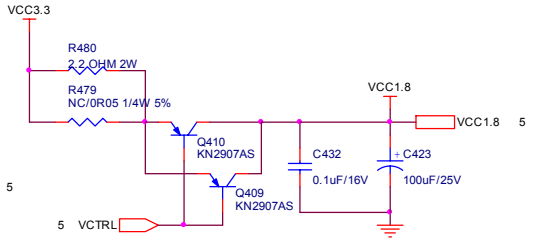


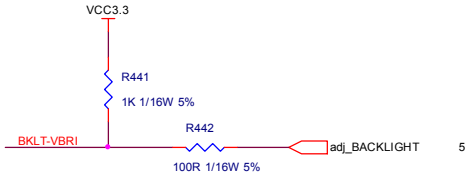
T P V （Top Victory Electronics Co., Ltd.）		OEM MODEL	AOC 836S	Size	A
結 隔 爪 綢 腹	G3244-G-X-X-6-090105	TPV MODEL		Rev	F
Key Component	04.Output	PCB NAME	715G3244-I	称爹	<称爹>
Date	Sunday, May 31, 2009	Sheet	6 of 7		

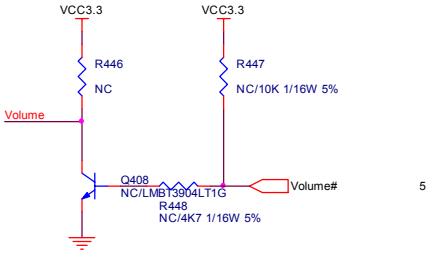
2008/01/14
BAT99 : If 0.05A,VF=1.0V
BAV70 : If 0.05A,VF=1.0V
It's need to use Low Dropout Regulator.

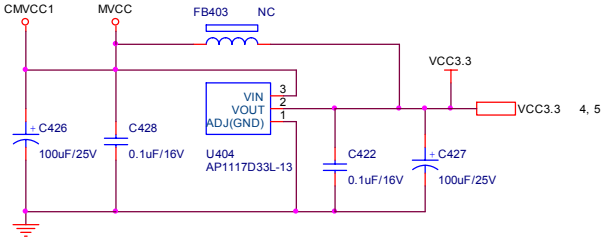








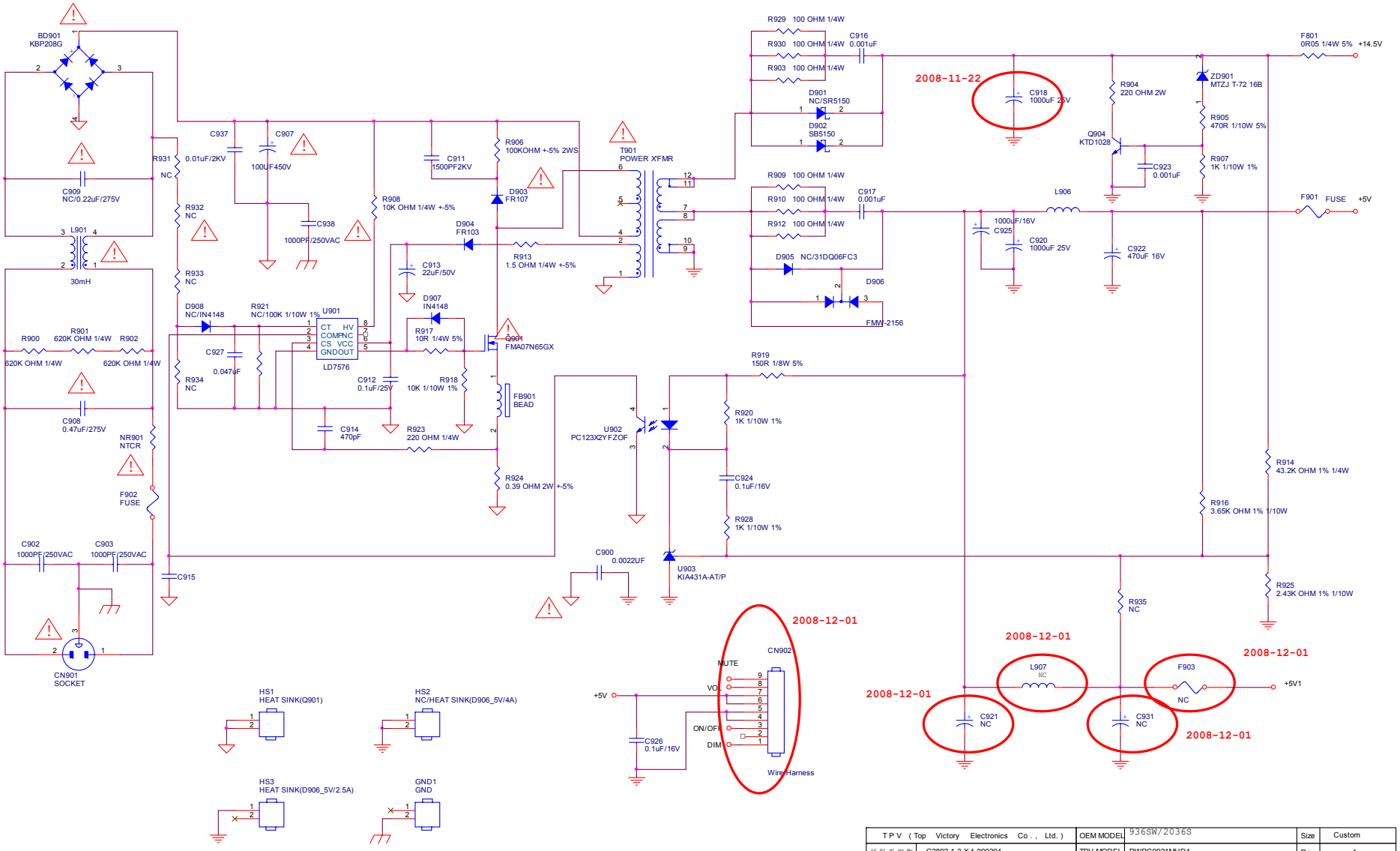




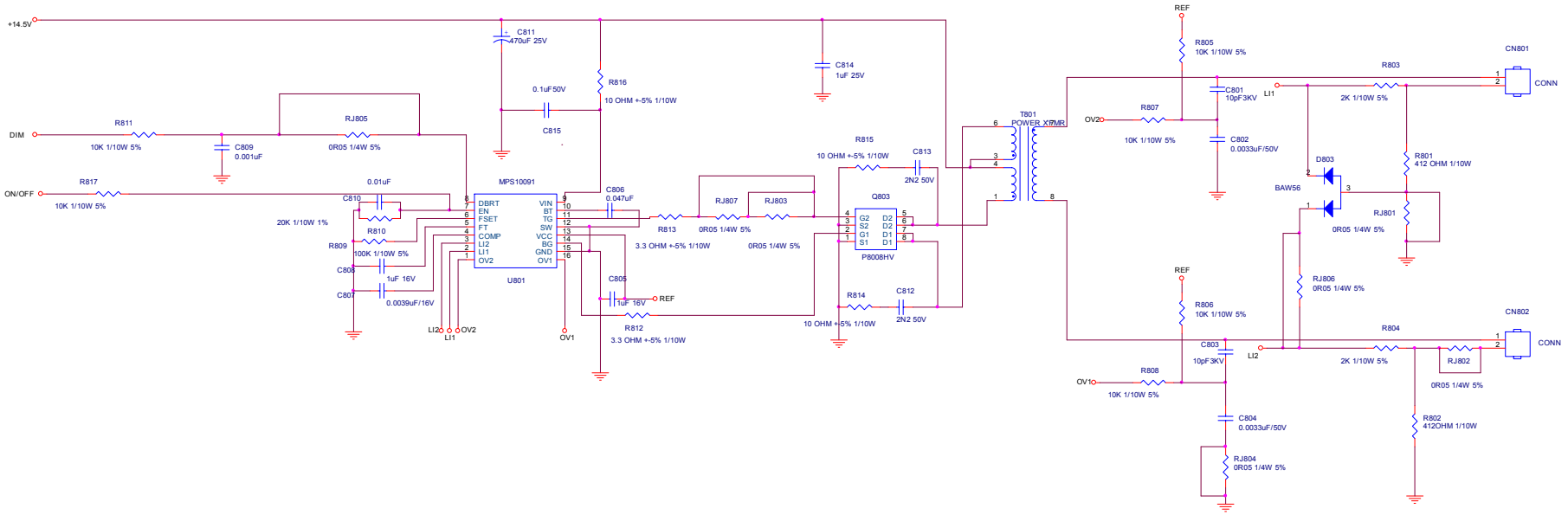
U404 can use package 223 or 252.

T P V (Top Victory Electronics Co . , Ltd.)		OEM MODEL	AOC 836S	Size	B
話 隔 瓜 錮 腹	G3244-G-X-X-6-090105	TPV MODEL		Rev	F
Key Component	05.Power	PCB NAME	715G3244-I	称爹	<称爹>
Date	Sunday, May 31, 2009	Sheet	7 of 7		

6.2 Power Board
715G2892P01019001C



T P V (Top Victory Electronics Co., Ltd.)		OEM MODEL	936SW/2036S	Size	Custom
結隔瓜鋼腹	G2892-1-3-X-1-090204	TPV MODEL	PWPC9921MHD1	Rev	1
Key Component	01.POWER	PCB NAME	715G2892-F-3	称爹	ODM MODEL
Date	Wednesday, February 04, 2009	Sheet	2 of 3		

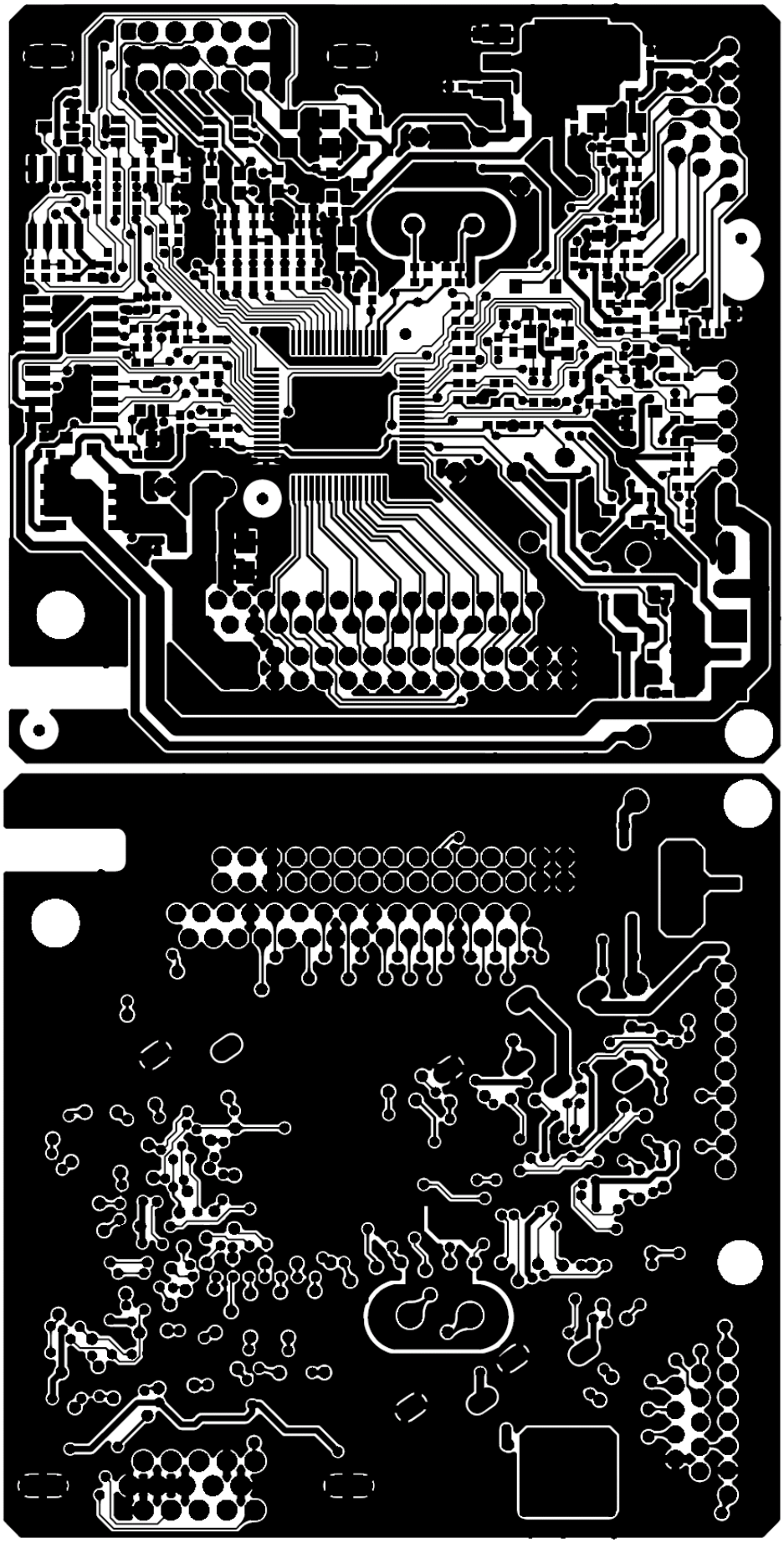


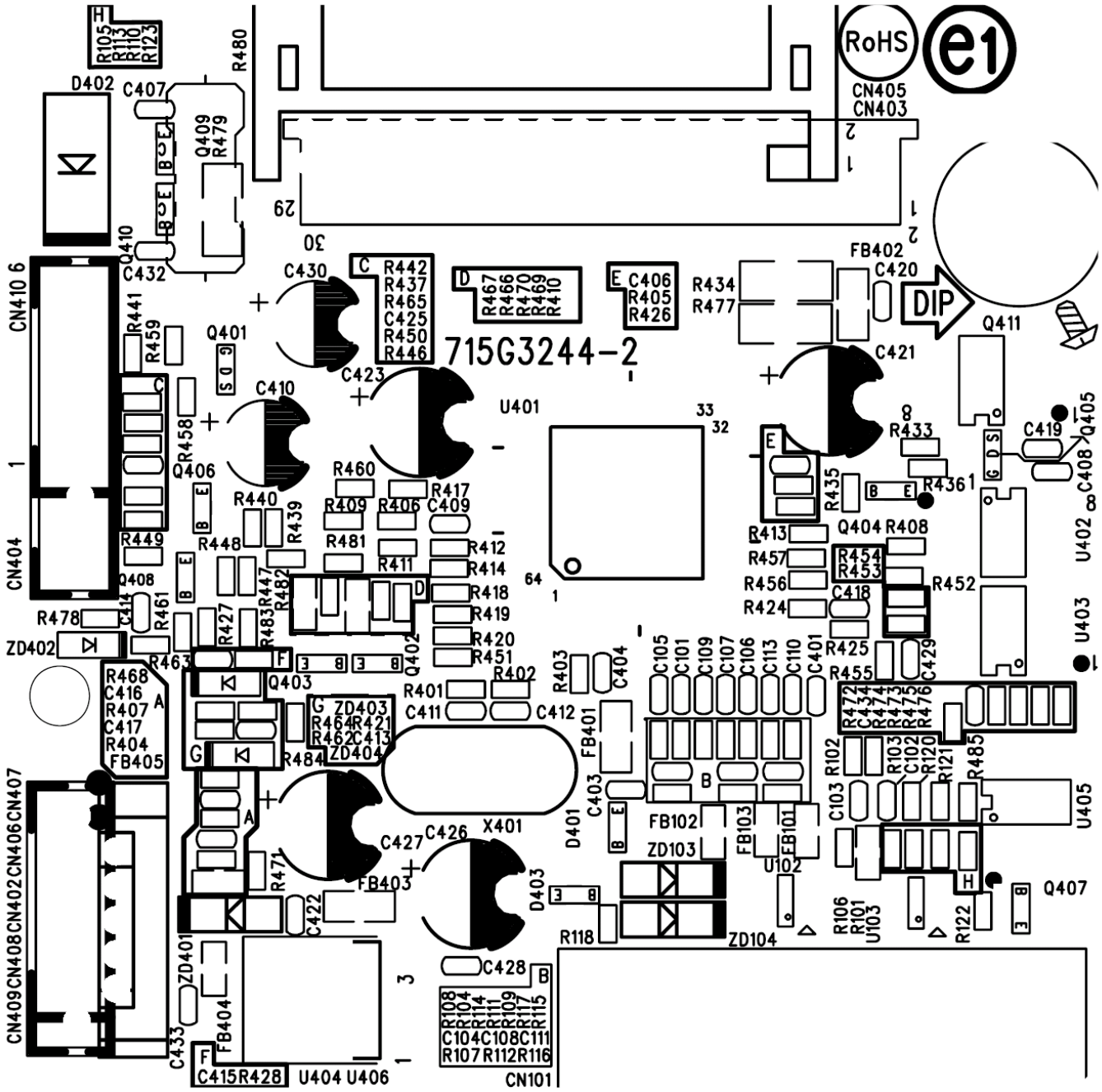
T P V (Top Victory Electronics Co . , Ltd.)		OEM MODEL	936SW/2036S	Size	Custom
結隔瓜鋼版	G2892-1-3-X-1-090204	TPV MODEL	PWPC9921MHD1	Rev	1
Key Component	02.INVERTER	PCB NAME	715G2892-F-3	称爹	ODM MODEL
Date	Wednesday, February 04, 2009	Sheet	3 of 3		

7. PCB Layout

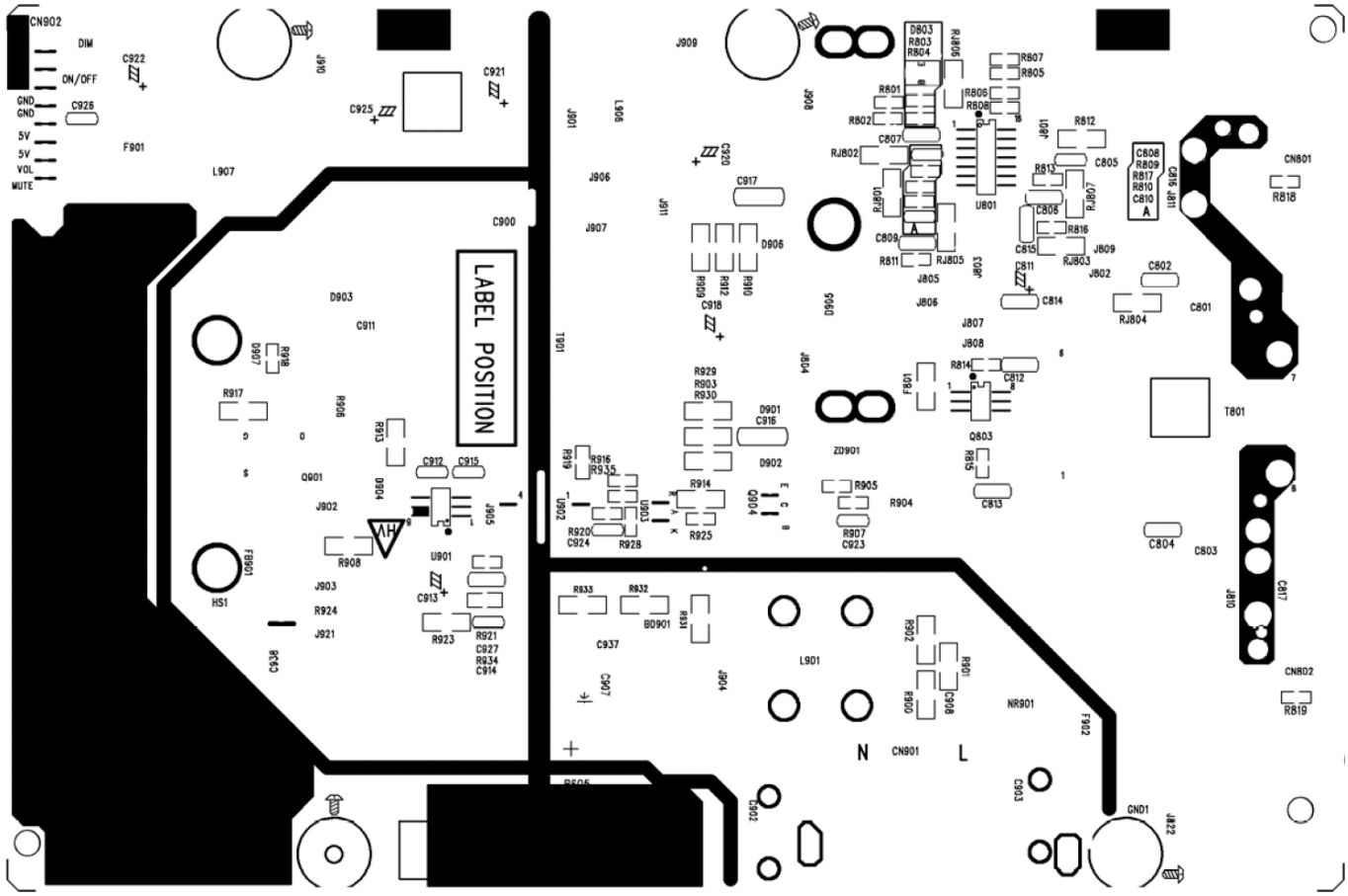
7.1 Main Board

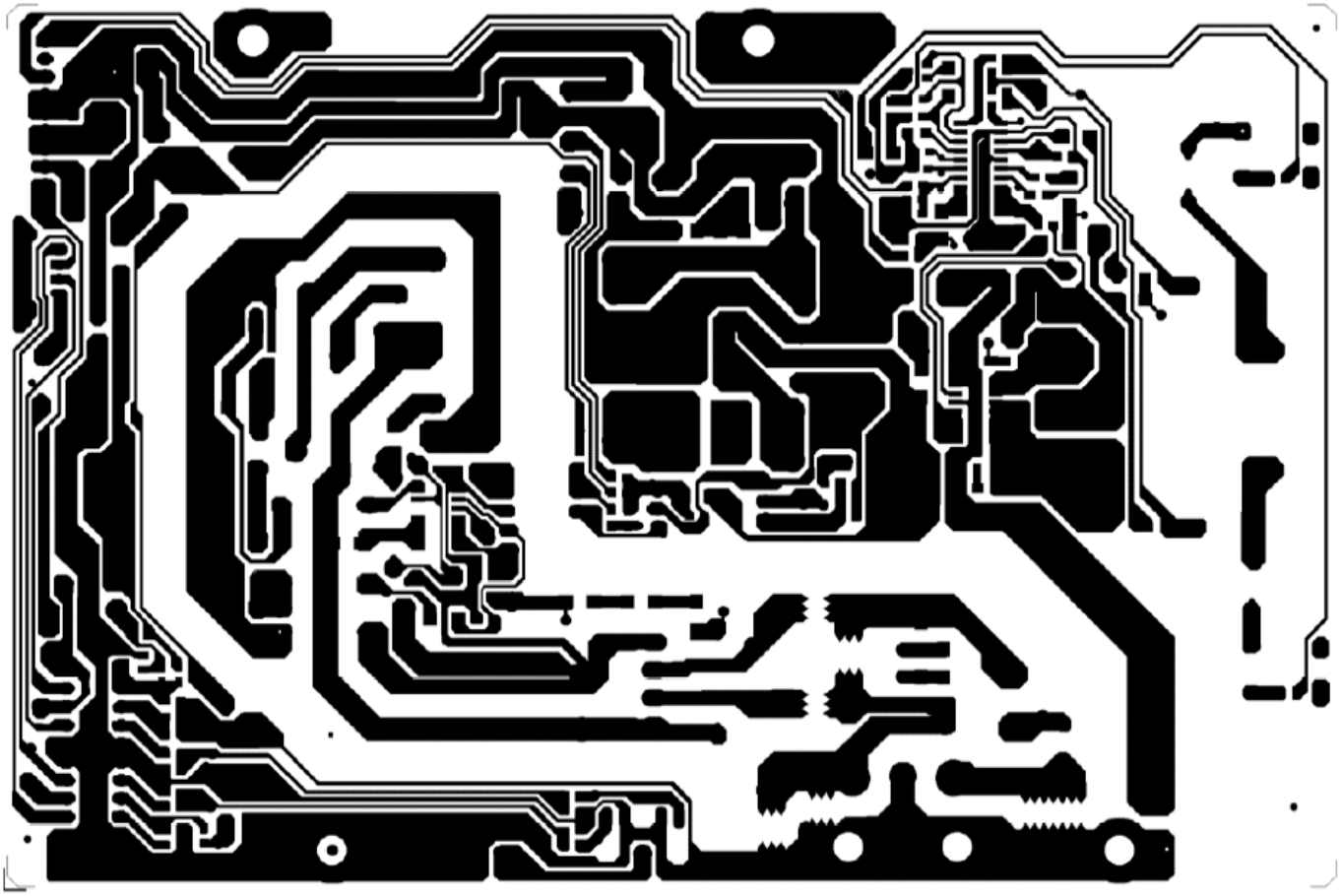
715G3244 2

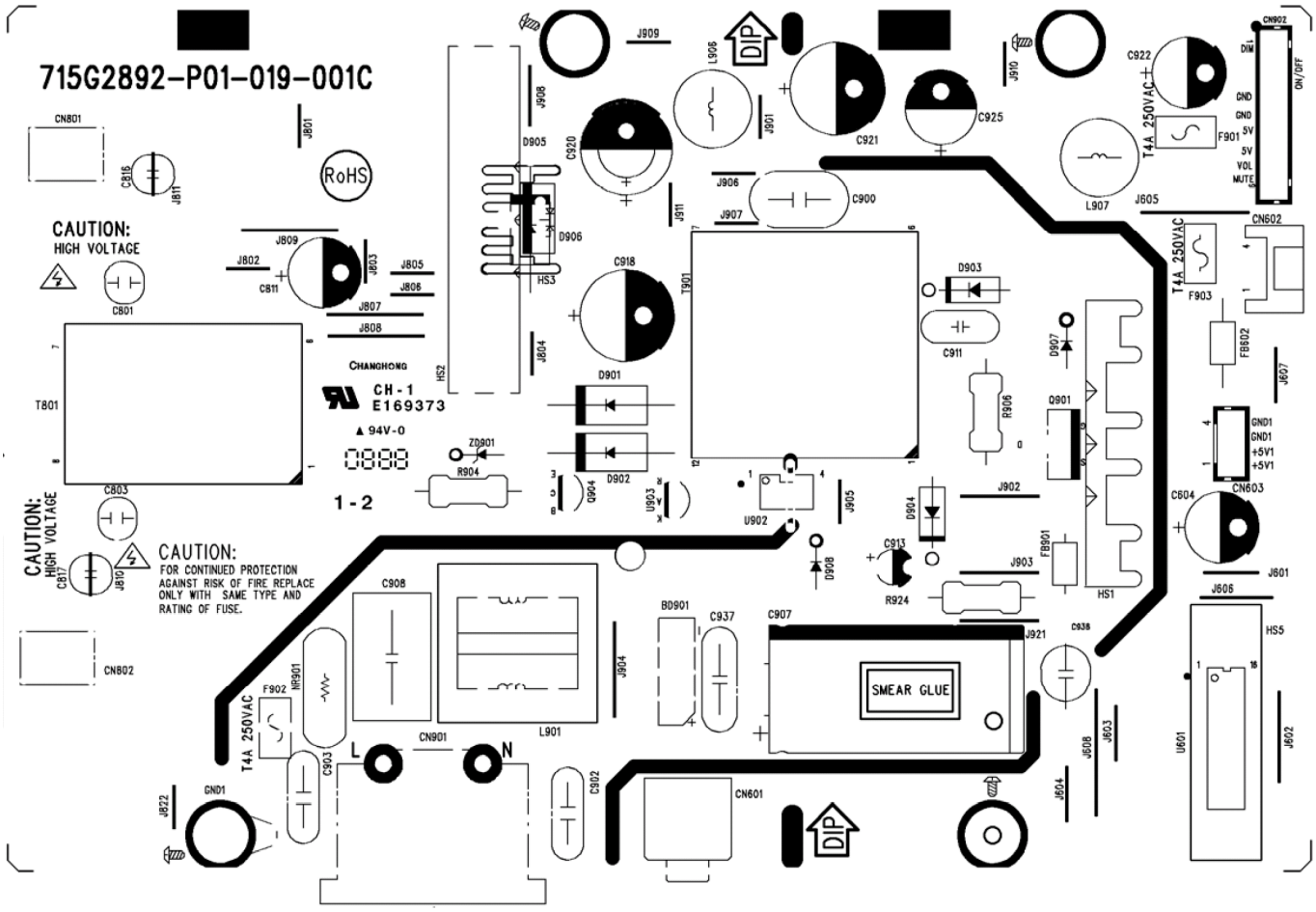



RoHS
e1
CN405
CN403
715G3244-2
DIP
U401
X401
U402
U403
U404 U406
U405
U102
U103
CN101
CN404
CN410 6
CN409CN408CN402CN406CN407
D402
C407
Q409
R479
R480
Q410
C432
C430
R442
R437
R465
C425
R450
R446
R467
R466
R470
R469
R410
C406
R405
R426
R434
R477
FB402
C420
Q411
C421
R433
C419
Q405
C408
R436
R435
Q404
R408
R413
R457
R456
R424
R454
R453
C418
R452
R425
R455
C429
R472
C434
R474
R473
R475
R476
R102
R103
C102
R120
R121
R485
C103
R106
R101
R122
Q407
R118
ZD104
ZD103
FB102
FB103
FB101
D401
C403
FB401
C404
R403
C105
C101
C109
C107
C106
C113
C110
C401
R401
C411
C412
R402
R401
R418
R419
R420
R451
R412
R414
R411
R481
R460
R409
R406
R417
C409
R440
R439
R448
R447
R482
R483
R427
R463
R461
R478
ZD402
Q408
R449
R458
Q406
R441
R459
Q401
C410
C423
R468
C416
R407
C417
R404
FB405
Q403
ZD403
R464
R421
R462
C413
ZD404
R484
C427
C426
FB403
R471
C422
ZD401
FB404
C433
C415
R428
C428
R108
R104
R114
R111
R109
R117
R115
C104
C108
C111
R107
R112
R116
R105
R113
R110
R123
29
30
33
32
64
1
2
3

7.2 Power Board
715G2892P01019001C

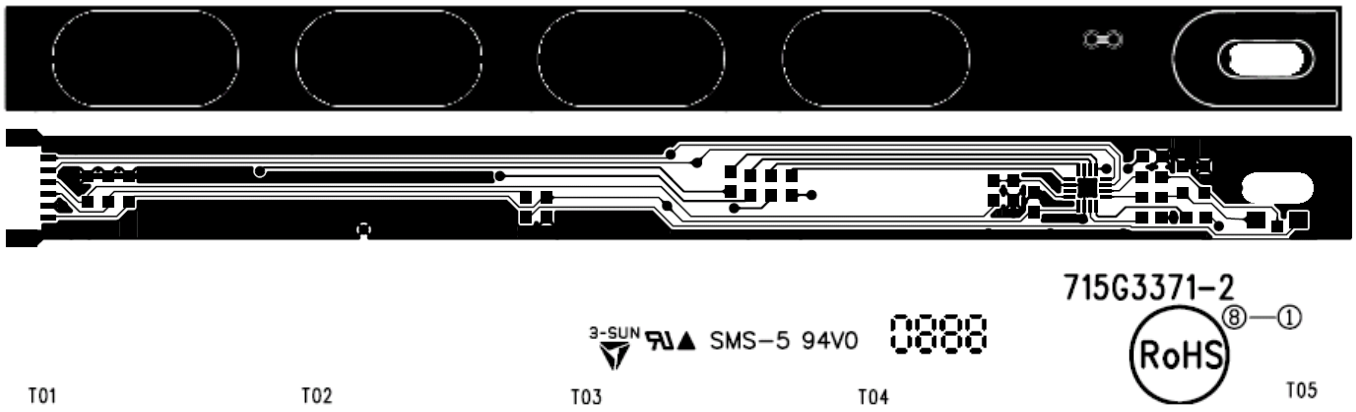





715G2892-P01-019-001C
CAUTION:
HIGH VOLTAGE
CAUTION:
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE REPLACE ONLY WITH SAME TYPE AND RATING OF FUSE.
CHANGHONG
CH-1
E169373
▲94V-0
1-2
SMEAR GLUE
T4A 250VAC
RoHS
DIP

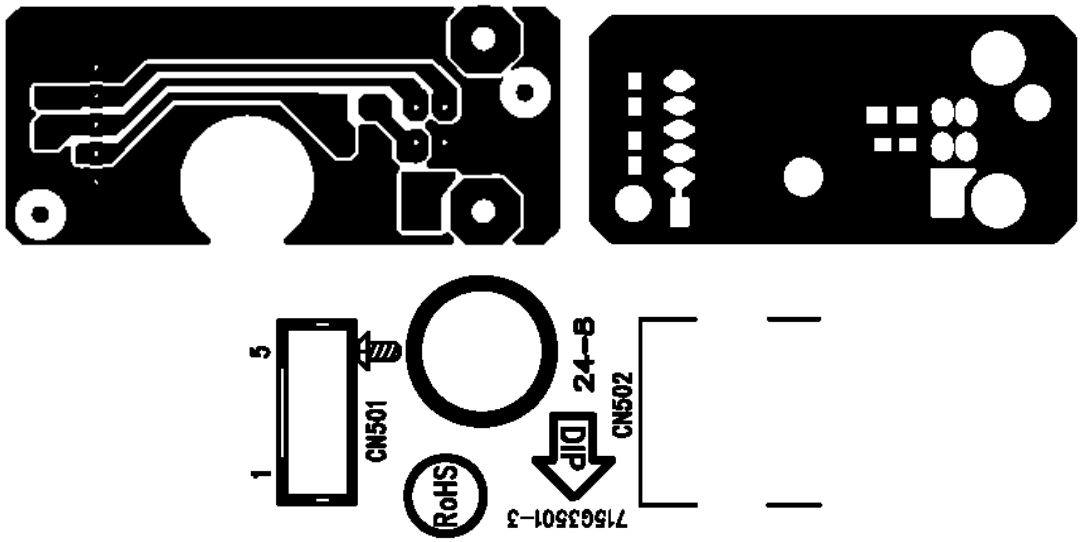
7.3 Key Board

715G3371 2

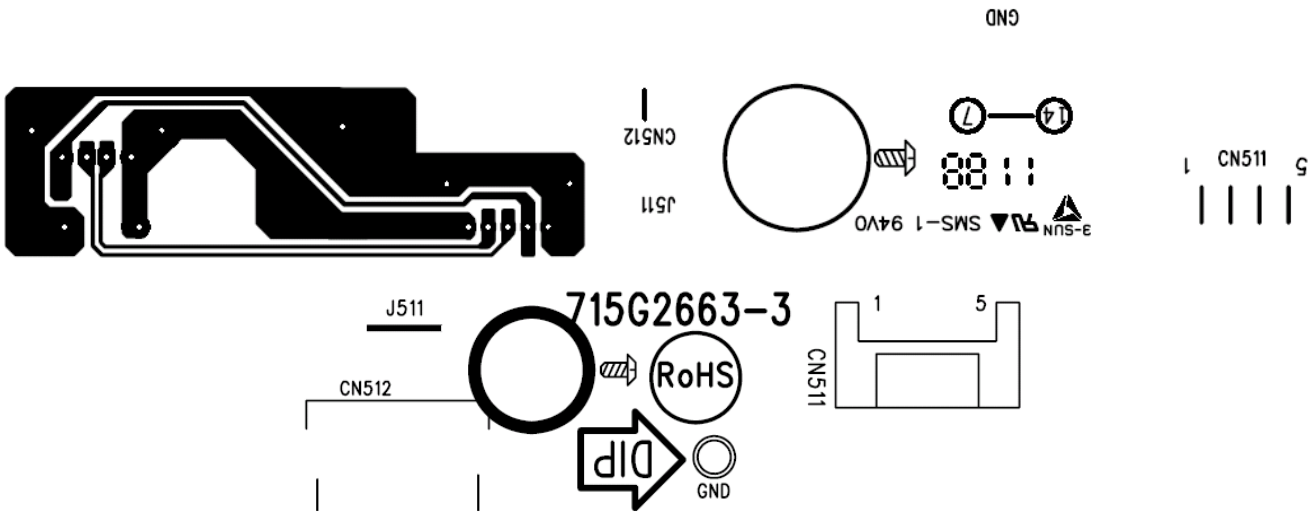


7.4 USB Board

715G3501 3



715G2663 3



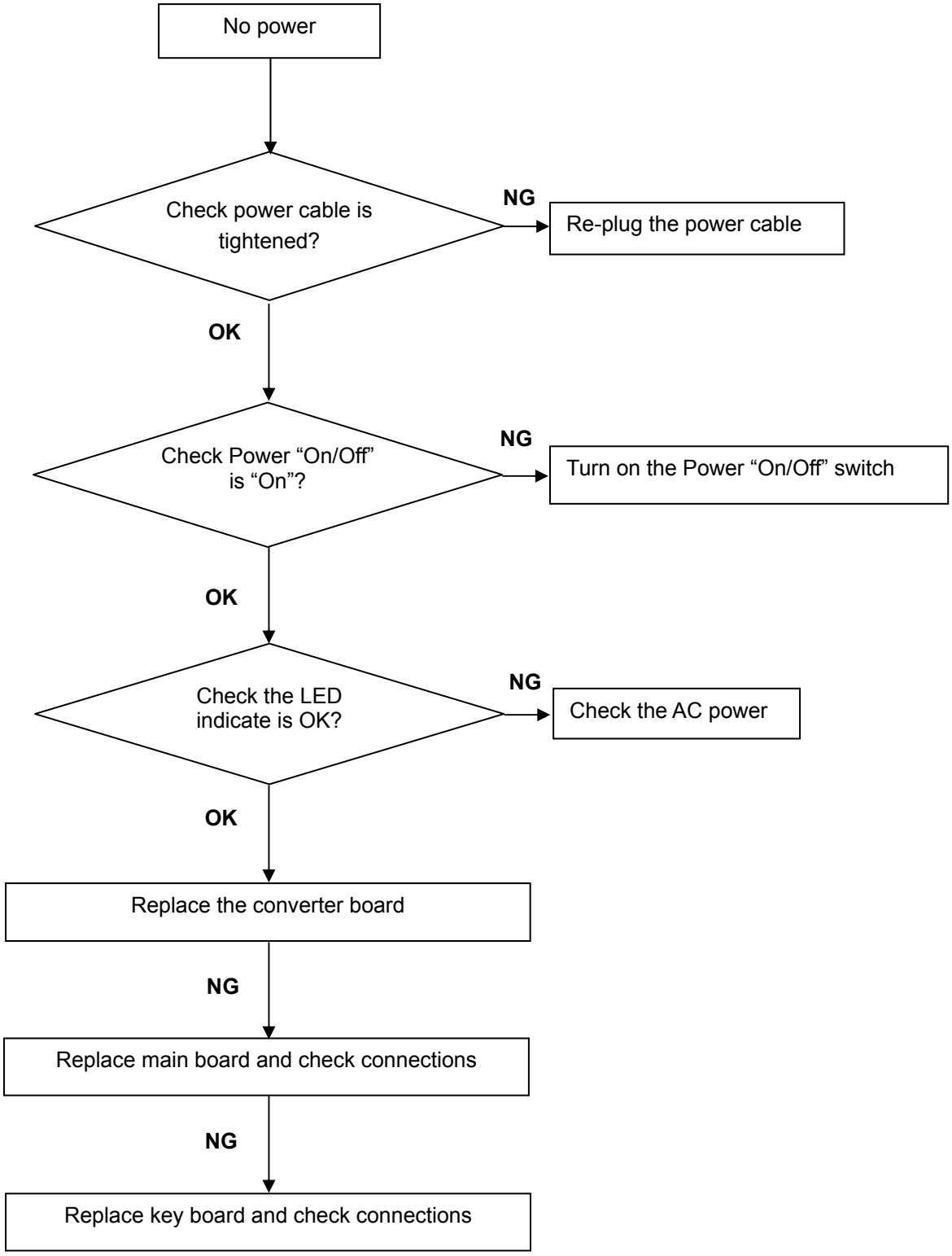
8. Maintainability

8.1 Equipments and Tools Requirement

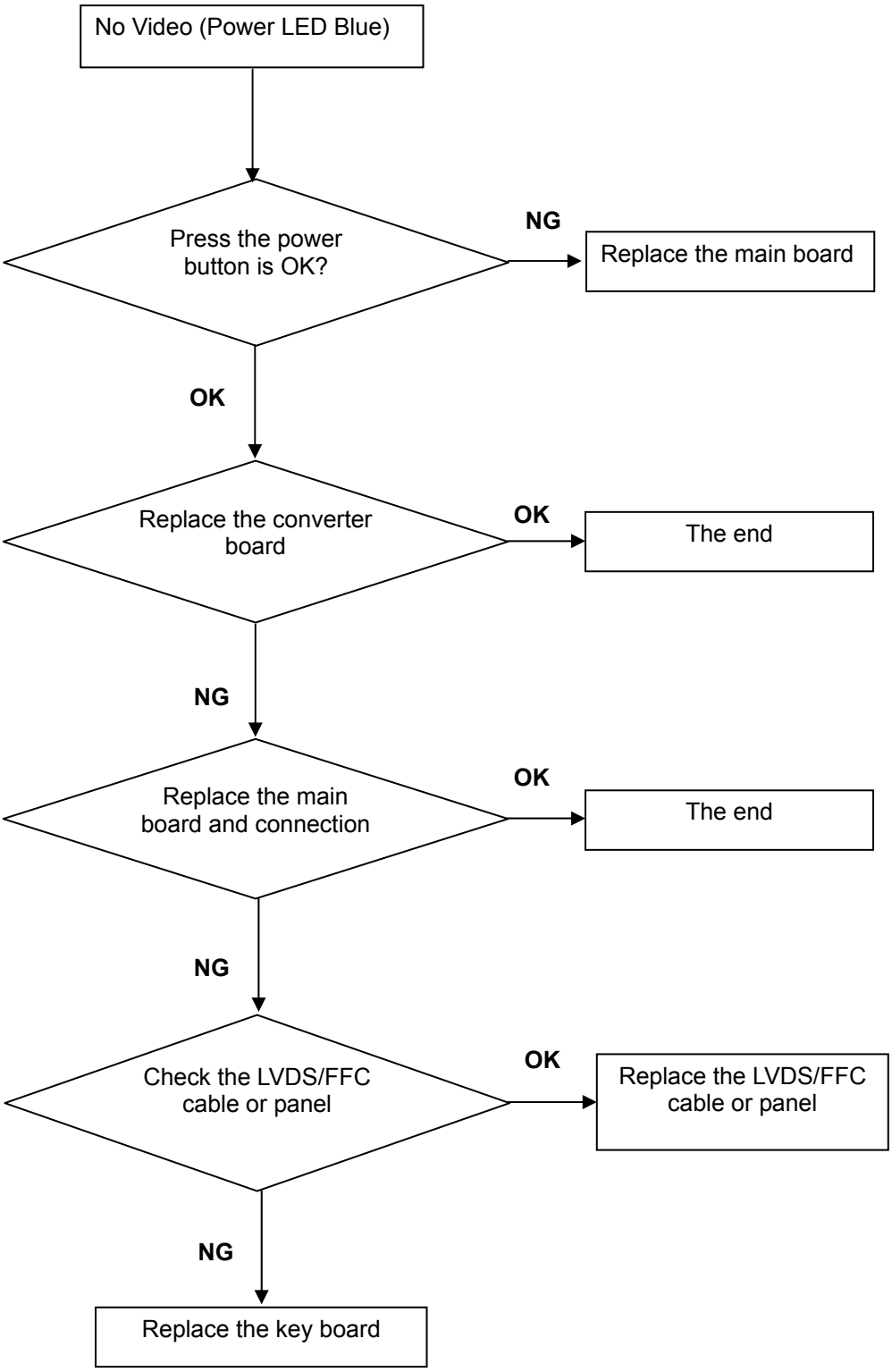
1. Voltmeter.
2. Oscilloscope.
3. Pattern Generator.
4. DDC Tool with an IBM Compatible Computer.
5. Alignment Tool.
6. LCD Color Analyzer.
7. Service Manual.
8. User Manual.

8.2 Trouble Shooting

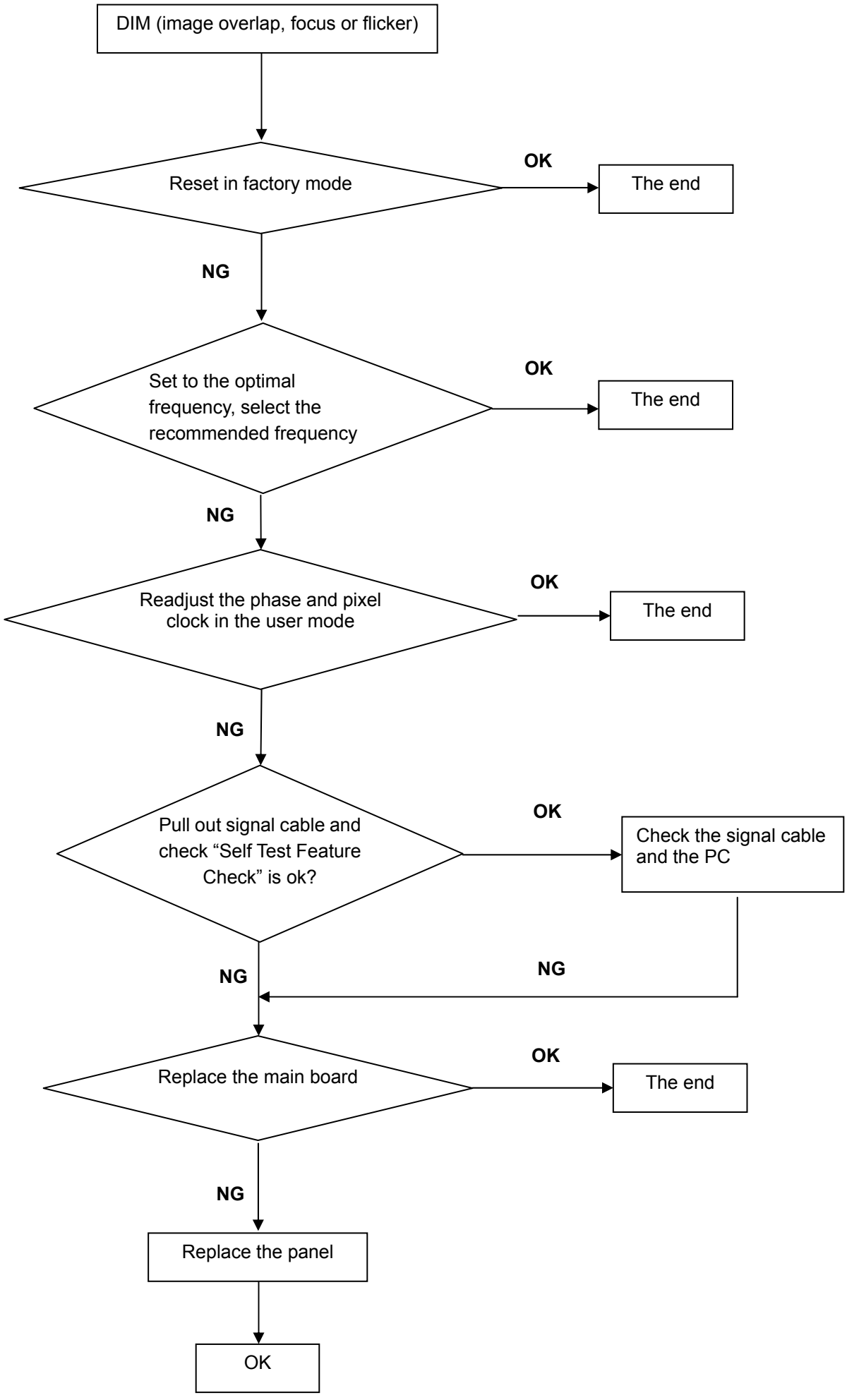
1.No Power



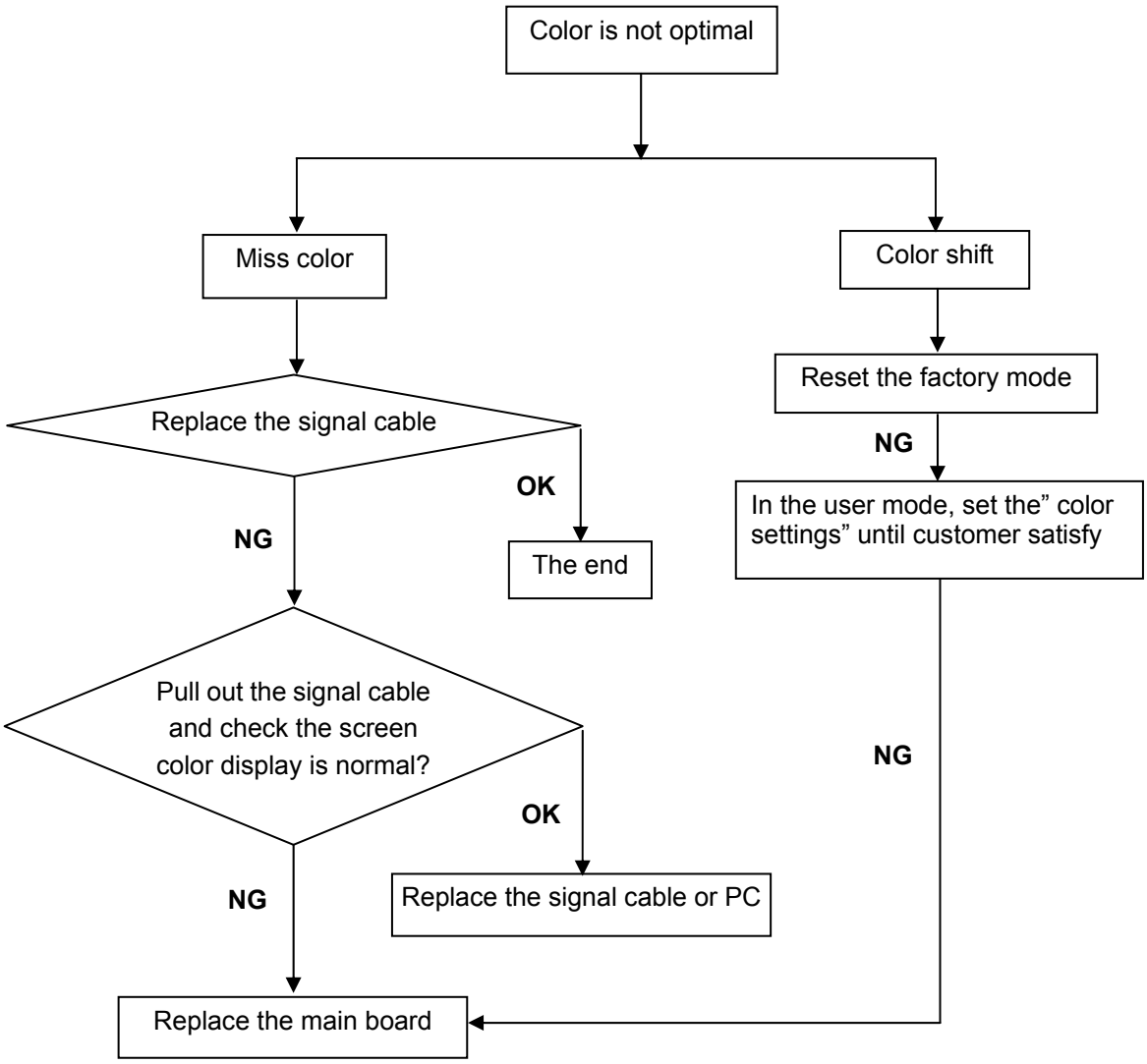
2. No Video (Power LED Blue)



3. DIM


DIM (image overlap, focus or flicker)
Reset in factory mode
OK
The end
NG
Set to the optimal frequency, select the recommended frequency
OK
The end
NG
Readjust the phase and pixel clock in the user mode
OK
The end
NG
Pull out signal cable and check “Self Test Feature Check” is ok?
OK
Check the signal cable and the PC
NG
NG
Replace the main board
OK
The end
NG
Replace the panel
OK

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 color

Warm color temp. parameter is x=313±30， y=329±30

B. 7300K color

Normal color temp. parameter is x=301±30， y=317±30

C. 9300K color

Cool color temp. parameter is x=283±30，y=297±30

D. sRGB color:

sRGB color temp. parameter is x=313±30， y=329±30

2. Enter into the factory mode:

Turn off the power, then press ∧ key,∨ key and press the Power button at the same time, the next, press the Menu button, the factory OSD will be at the left top of the panel.

3. Bias 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±30， y=329±30
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 reachedthe value G=100
6. Adjust the BLUE on factory window until chroma 7120 indicator reached the value B=100
7. Repeat above procedure (item4, 5, 6) until chroma 7120 RGB value meet the tolerance =100±2

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±30， y=317±30
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 reachedthe 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 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±30，y=297±30
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

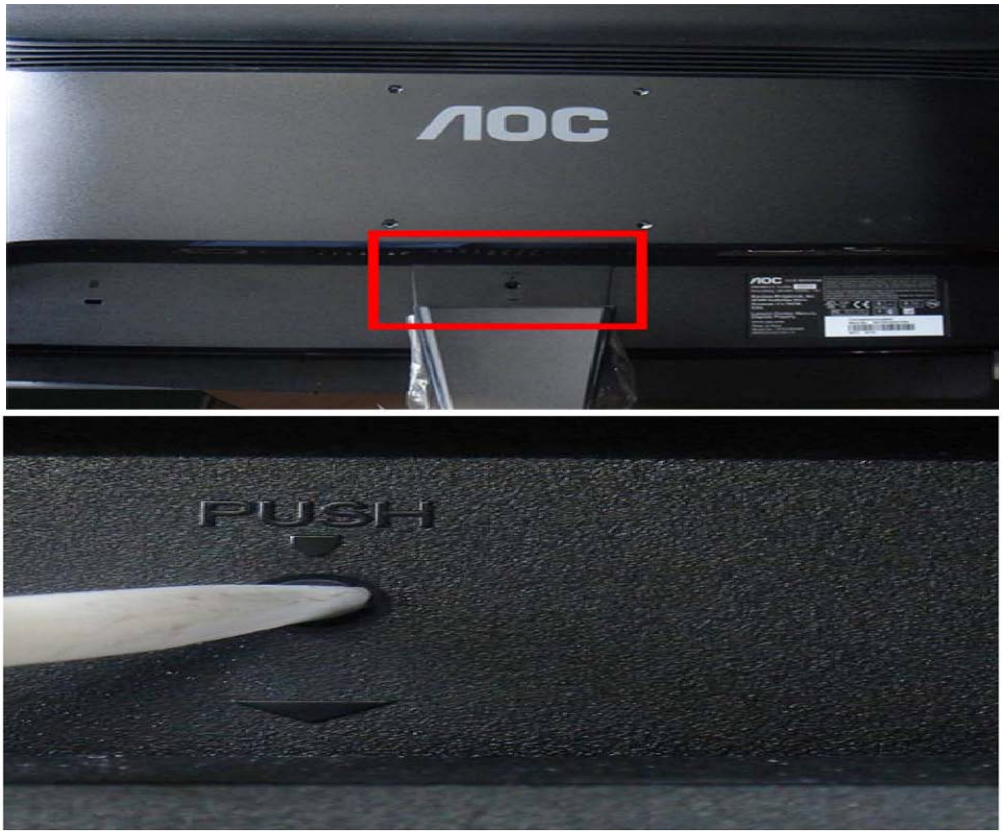
1. Switch the chroma-7120 to RGB-Mode (with press “MODE” button)
2. Switch the MEM.channel to Channel 10 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show x=313±30，y=329±30
4. Adjust the RED on factory window until chroma 7120 indicator reached the value R=100
5. Adjust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

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

10.Mechanical Instructions

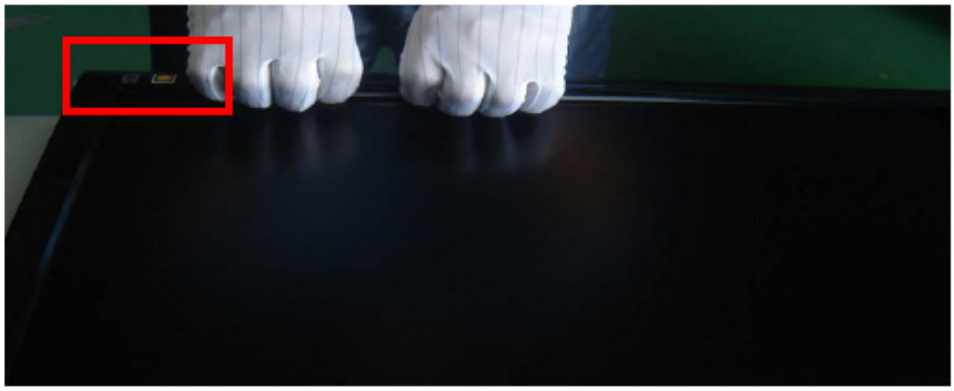
1.Put the monitor on the EPE pad.

2.Lay down the monitor, then use cross screwdriver or the expert tools leave off the stand while press the Push area of the back cover.



3.Overturn the monitor and the top towards to us.

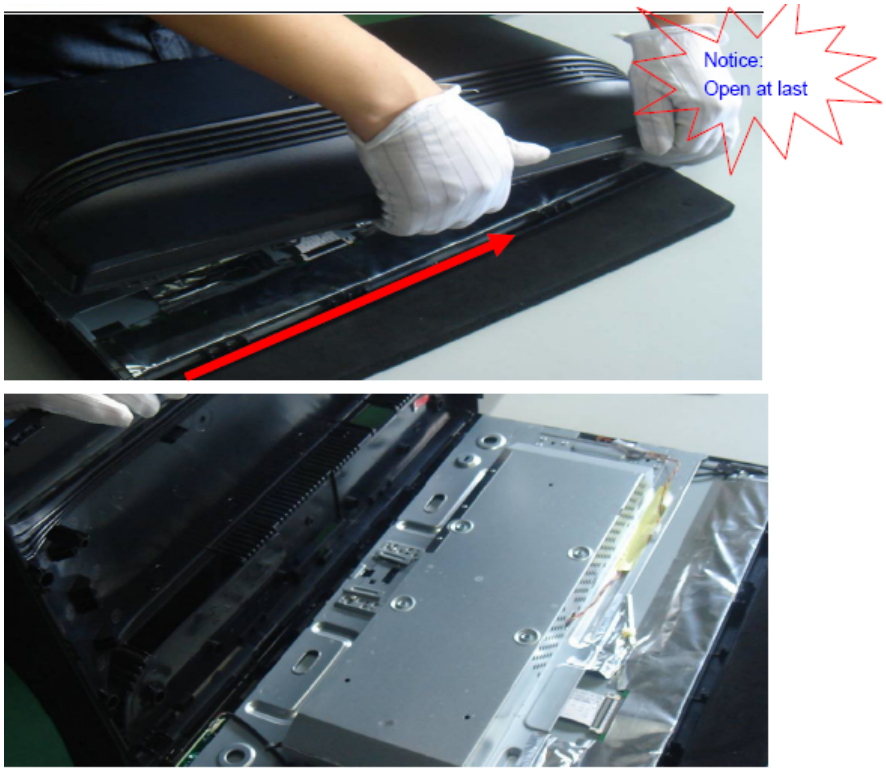
4.Take apart the front frame with hands on the label area.



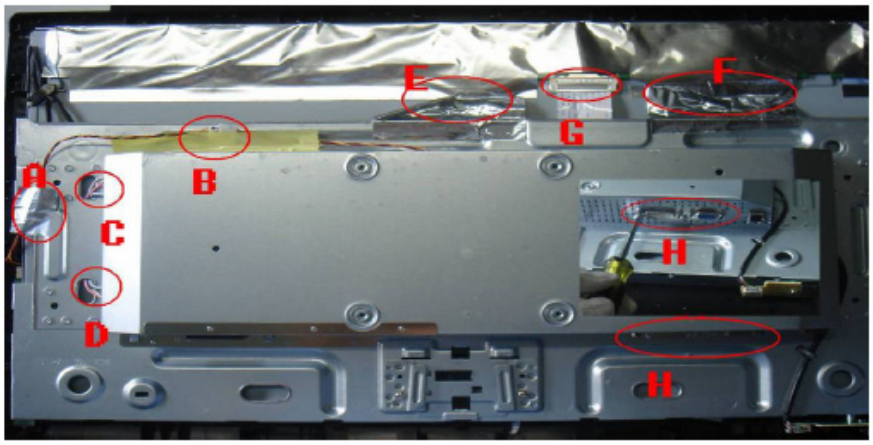
5.As the center of one side of USB connector, take apart 3 sides and stop. Attention: Do not break off the key pc side, or pull the front frame forcibly, to avoid the keypad peel off.

6.Overturn the monitor, on the USB connector area, one hand press the Panel, and use the other to undrawn the back cover.

7.Make the notice that the front frame of the key pc side should be separated at last.

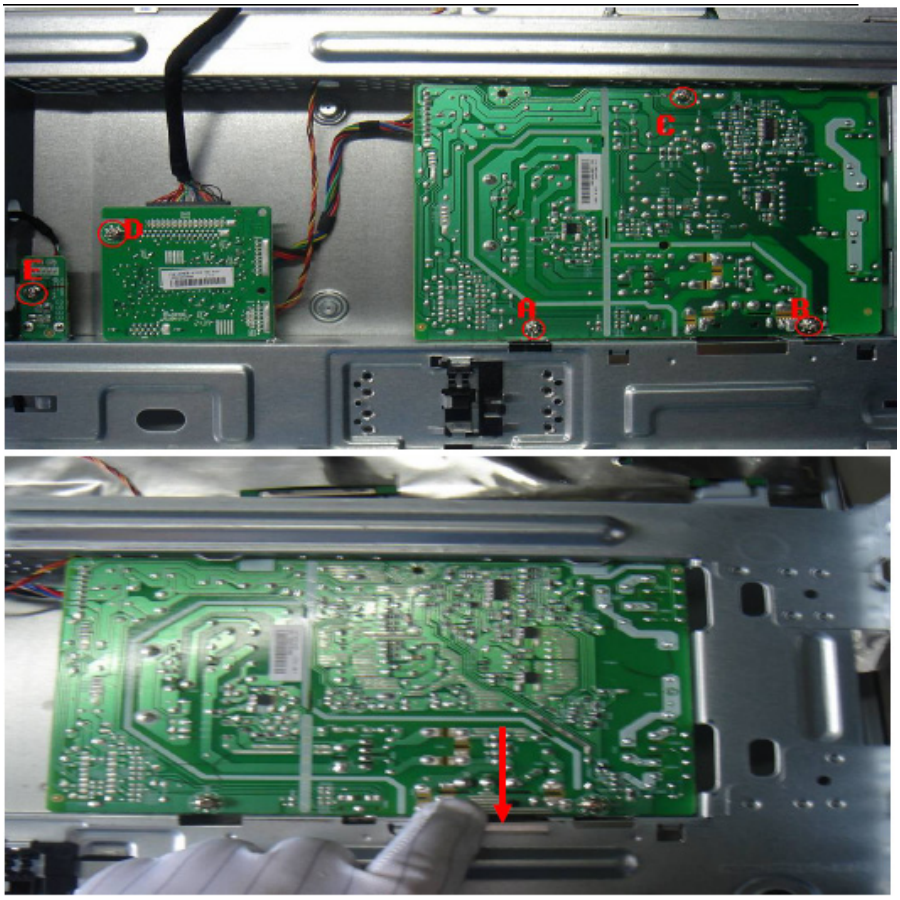


8. In turn to take apart the key pc connect PIN (A&B), lamp line (C&D), peel off the aluminum foil (E&F), draw off the FFC pin (G), if there is defect with main pc, need leave of f the six-angle screw (H).

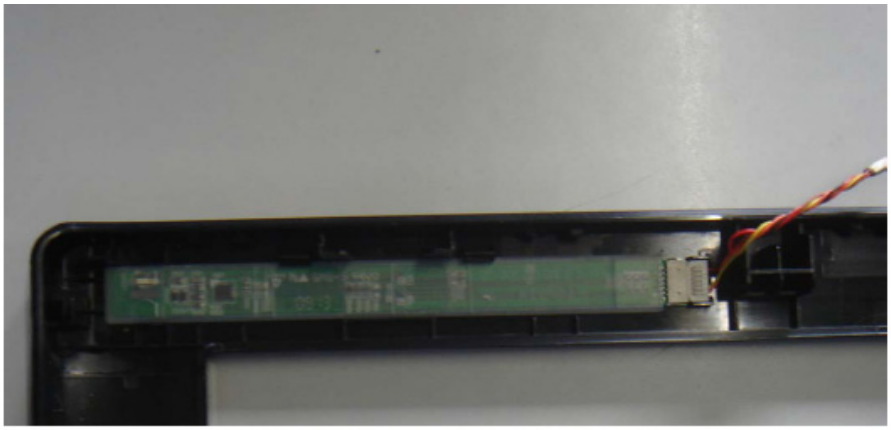


9.Withdraw the front frame from the Panel side. Use screwdriver to take off the screw which used to fix the iron frame and Panel, and then take apart them.

10. According to the different defective area, take off the screws ABCDE to get the relevant part to maintain. Before take apart the POWER pc should take off the AC iron piece first.

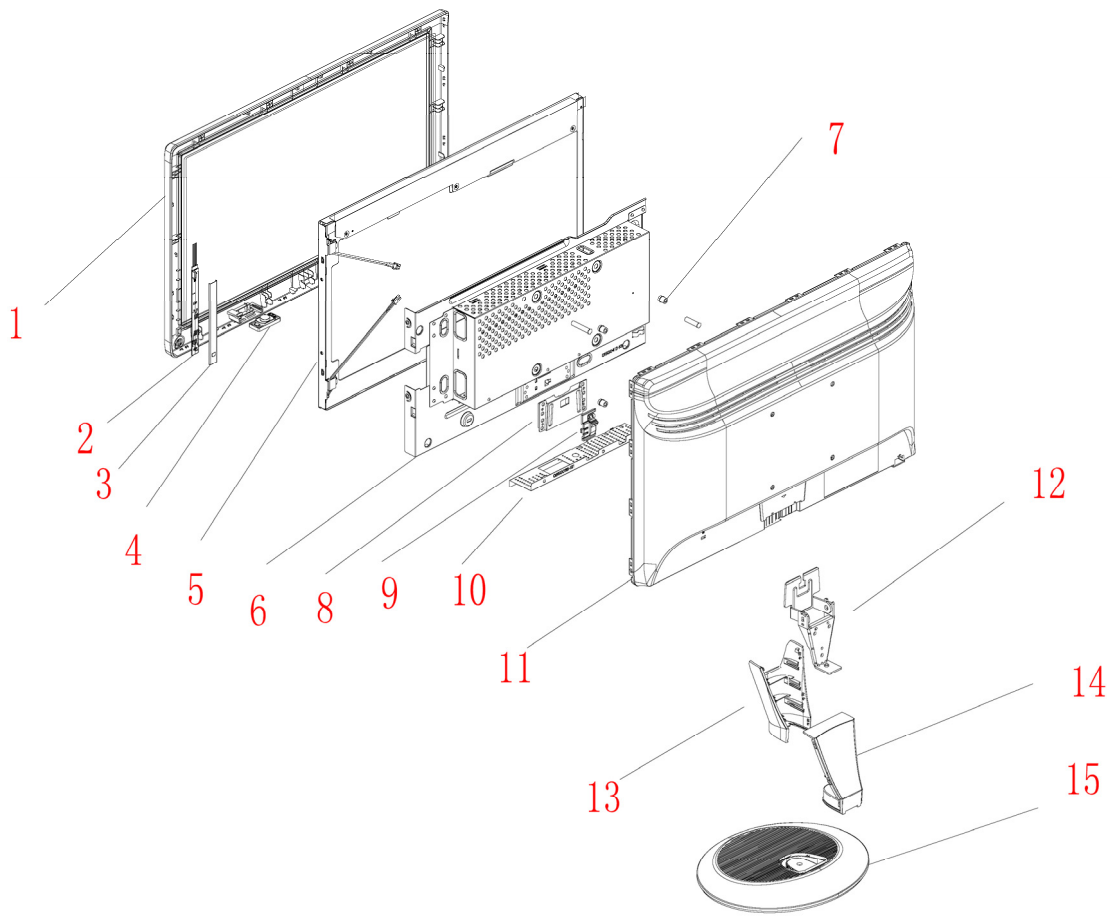


11. Use little screwdriver to peel off the key pc from the front frame when need maintain it.



11.Monitor Exploded View

AOC *936* Explosion Flowchart



项目	名称
15	Base
14	Back cover
13	Front cover
12	Hinge
11	Rear cover
10	AC shield
9	Release button
8	Accessories
7	rivet
6	Mainframe
5	Panel
4	Bugle
3	Key guide
2	Key
1	Bezel

12. 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.

T8AMM5NK6WA1NNE

Location	Part No.	Description	Remark
	052G 1186	SMALL TAPE	
	052G 1208 A	AL FOIL	
	052G 1211 B	Conductive Tape 85mm *40mm *0.09mm	
	052G 1211550	ALUMINUM FOIL TAPE	
	052G 2191 A	PAPER TAPE	
E08905	089G 175 8A C	USB CABLE 1800MM without PE bag	
E08905	089G 175 8A G	USB CABLE 1800MM without PE bag	2nd source
E08902	089G 715CAAE01	SIGNAL CABLE	2nd source
E08902	089G 715GAAE01	SIGNAL CABLE	2nd source
E08902	089G 715HAAE01	SIGNAL CABLE	
E08901	089G402A15N HL	AC POWER CORD 1500mm	
E08901	089G402A15N IS	AC POWER CORD 1500MM	2nd source
E09503	095G8014 7DW06	HARNESS 7P(2008)-6P 450	2nd source
E09503	095G8014 7TW06	HARNESS 7P(2008)--6P(11013) 450	2nd source
E09503	095G8014 7WW06	HARNESS 7P(2008)-6P(1005) 450	
E09501	095G8018 3DH92	LVDS CABLE 30P-30P 140MM	2nd source
E09501	095G8018 3TH92	HARNESS 30P-30P(2004) 140	2nd source
	0D1G1030 8120	screw	
	0M1G 130 5120	SCREW	
	705GH934024	18.5"LCD STAND-BASE ASS'Y	
E750	750GLM185B1732N000	LCD M185B1-L07 C2/C5(C6) NB CMI	
	H40G 001624 1A	CARTON LABEL BARCODE 1	
	H40G 18N61556A	N936Sw EPI ID LABEL	
	H40G 45762413B	P/N LABEL FOR BASE	
	H40G 58161569A	USB LABEL	
	H40G 58361576A	WIN7	
	H40G 58461558B	N936Sw FRENCH LABEL	
	H41G780061580B	QSG	
	H44G8018101	EPS 936S	
	H44G8018201	EPS 936S	
	H44G8018615 8A	N936Sw CARTON	
	H45G 87 18 23	EPE COVER	
	H70G2011615 5A	N936Sw CD MANUAL	
	KEPCBHA8	KEY BOARD	
	PWPCA921MHD2	POWER BOARD	
	Q15G0413G02	MAIN FRAME	
	Q34G0558AEDB2B0100	bezel L185WA-936	
	Q34G0559AEDAKS0100	rearcover L185WA-936	
	Q40G 58162435A	LABEL	
	Q45G 76 28 H A	PE BAG FOR MANUAL	
	Q45G 76 28V13 A	PE BAG	
	Q50G 4 10	TIE (Y1900221)	
	Q52G 1185 99	TAPE	
	Q85G0118101	AOC 936S AC SHIELD	
E09501	S95G80183H92	HARNESS 30P-30P 140MM	
	USB9HA1	USB BOARD	
	USBAHA5	USB BOARD	
	0Q1G1040 8120	SCREW 4x8	
	Q01G6064 1	NO-SUGGEST screw	

	Q34G0560AED 1S0100	AOC-836 stand_front	
	Q34G0561AED 1S0100	AOC-936 stand_rear	
	Q34G0562AED 2S0130	AOC-936 base	
	Q37G0133011	AOC 936S HINGE	
	756GHACB A1142	MIAN BOARD-CBPCAM5A1H2	
SMTCA-U402	100GAMM8020W11	MCU ASS'Y-056G2233501	
CN409	033G3802 7B Y L	CONNECTOR 7P 2.0	
CN404	033G3802 9B Y L	CONN 2.0 9P	
R480	061G152M22964L SY	RST MOFR 2.2 OHM +-5% 2WS FUTABA	
CN101	088G 35315F CH	D-SUB CONN WITH SCREW 15P - -	
X401	093G 22 53 YC	Crystal 14.31818MHz/32PF 49U/S YC	
CN405	311GW200C30ABL	WAFER 2.0mm 2*15P	
	709G3244 HM002	CONSUMPTIVE ASS'Y	
	AIGAM5A1H2	MAIN BOARD FOR AI	
	H40G 45762429A	LABEL	
	A33G0564 2 1L0100	Key-Guide	
	H52G1201 1	3M DOUBLE FACE TAPE	
	SMTKEPCBHA8	KEY BOARD FOR SMT	
GND1	009G6005 1	GROUND TERMINAL	
CN802	033G8021 2E L	INVERT CONN 3.5mm 2P	
CN801	033G8021 2E L	INVERT CONN 3.5mm 2P	
U902	056G 139 3A	PC123Y22FZOF SHARP	
NR901	061G 5810X	RST NTCR 8 OHM +-20% 4A P=7.5mm	
C908	063G107K2246S1	X2 CAP 0.22UF K 275VAC	
C937	065G 2M103 3B	0.01uF 2KV 20% Y5U	
C801	065G 3J5096ET	5PF 5% SL 3KV	
C803	065G 3J5096ET	5PF 5% SL 3KV	
C902	065G305M1022BP	CAP Y2 1000PF M 250VAC	
C903	065G305M1022BP	CAP Y2 1000PF M 250VAC	
C900	065G306M2222BP	CAP Y1 2.2NF 20% 250V Y5P	
C925	067G215P1023AV	CAP 105C 1000UF M 16V	
C918	067G215P1024AV	CAP 105C 1000UF M 25V	
C920	067G215P1024AV	CAP 105C 1000UF M 25V	
C811	067G215P4714AV	CAP 105C 470UF M 25V	
C922	067G215S4713KV	EC 470UF 20% 16V 10X13	
C907	067G215Z10115A	CAP 105C 100UF M 450V	
L901	073G 174 65 H2	LINE FILTER 30mH MIN	
L906	073G 253191 H	IND CHOKE 1.1uH DADON	
T901	080GL17T 47 N	X'FMR 600uH YUVA-1080	
T801	080GL22T 1 H1	X'FMR INVERTER 72uH	
CN901	087G 501 32 DL	AC SOCKET DIP 3PIN+2PIN GROUND	
D902	093G 60335	DIODE SR515 5A/150V DO-201AD	
CN902	095G 825 9T518	HARNESS 9P-9P 120MM	
CN902	095G 825 9W518	HARNESS 9P-9P 120MM	2nd source
	705GQ857021	Q901 ASS'Y	
	705GQ893027	D906 ASS'Y	
	709G2892 HM001	CONSUMPTIVE ASS'Y	
	H40G 45762429A	LABEL	
	PWA921MHD2SMT	POWER BOARD FOR SMT	
BD901	093G 50460 28	BRIDGE DIODE KBP208G LITEON	
CN511	033G3802 5 BH L	CONNECTOR 5PIN	
CN512	088G 352 2 XH	USB CONN	
	715G2663 3	USB BOARD PCB	
CN501	033G3802 5B Y L	CONNECTOR 5P 2.0	
CN502	088G 351 2B XH	USB CONN B TYPE 4P - -	

E09508	095G8014 5DH09	HARNESS 5P(PH)-5P(PLUG) 180MM	
E09508	095G8014 5TH09	HARNESS 5P(PLUG)-5P(2501) 180MM	2nd source
E09508	095G8014 5WH09	HARNESS 5P(PLUG)-5P(2501) 180MM	2nd source
	SMTUSB9HA4W	USB BOARD FOR SMT	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
C410	067G 2151007RT	105C 10UF M 50V	
C426	067G 3051014KT	EC 100uF 25V PF 6.3x11mm PF	
C423	067G 3051014KT	EC 100uF 25V PF 6.3x11mm PF	
C421	067G 3051014KT	EC 100uF 25V PF 6.3x11mm PF	
C427	067G 3051014KT	EC 100uF 25V PF 6.3x11mm PF	
	709G3244 HA002	CONSUMPTIVE ASS'Y	
	SMTCAM5A1H2	MAIN BOARD FOR SMT	
U401	056G 562702	IC TSUM1PLR-LF LQPF-64 MSTAR	
U404	056G 563 52	LDO AP1117D33G-13-77	
U102	056G 662502	IC ESD AZC199-04S.R7G SOT23-6L	
U103	056G 662502	IC ESD AZC199-04S.R7G SOT23-6L	
U405	056G1133 34	EEPROM M24C02-WMN6TP 2Kb SO-8	
U402	056G1133137	IC MX25L2026MI-12G SOP-8	2nd source
U402	056G2233501	FLASH MX25L2026DM1I-12G 2Mb SOP-8	
Q404	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q402	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	
Q403	057G 417517	Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC	
Q406	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	
Q407	057G 417518	TRA LMBT3904LT1G 200mA/40V SOT-23 LRC	
Q410	057G 417527	SMALLTRAN MMBT2907A -0.6 -60V SOT-23	
Q409	057G 417527	SMALLTRAN MMBT2907A -0.6 -60V SOT-23	
Q405	057G 763 1	MOSFET A03401 4.2A 30V SOT-23	
R471	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R485	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R483	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R482	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R457	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R456	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R402	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R401	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R442	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R413	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R412	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R411	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R405	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R117	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R115	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R114	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R111	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R108	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R104	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R103	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R102	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R469	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R441	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R410	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R439	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R437	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R433	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R417	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	

R414	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R408	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R407	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R118	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R436	061G0402104 JF	RST CHIPR 100KOHM +-5% 1/16W FENGHUA	
R468	061G0402201 JF	RST CHIPR 200 OHM +-5% 1/16W FENGHUA	
R466	061G0402222 JF	RST CHIPR 2.2KOHM +-5% 1/16W FENGHUA	
R106	061G0402222 JF	RST CHIPR 2.2KOHM +-5% 1/16W FENGHUA	
R105	061G0402222 JF	RST CHIPR 2.2KOHM +-5% 1/16W FENGHUA	
R109	061G04023900FF	RST CHIPR 390 OHM +-1% 1/16W FENGHUA	
R403	061G04023900FF	RST CHIPR 390 OHM +-1% 1/16W FENGHUA	
R427	061G0402392 JF	RST CHIPR 3.9KOHM +-5% 1/16W FENGHUA	
R428	061G0402392 JF	RST CHIPR 3.9KOHM +-5% 1/16W FENGHUA	
R475	061G0402470 JF	RST CHIPR 47 OHM 5% 1/16W FENGHUA	
R476	061G0402470 JF	RST CHIPR 47 OHM 5% 1/16W FENGHUA	
R474	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R473	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R472	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R440	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R435	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R123	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R107	061G0402750 JF	RST CHIPR 75 OHM +-5% 1/16W FENGHUA	
R112	061G0402750 JF	RST CHIPR 75 OHM +-5% 1/16W FENGHUA	
R116	061G0402750 JF	RST CHIPR 75 OHM +-5% 1/16W FENGHUA	
R470	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R467	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R101	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R434	061G1206331 JF	RST CHIPR 330 OHM +-5% 1/4W FENGHUA	
D402	061G2010000 JF	RST CHIPR 0 OHM +-5% 3/4W FENGHUA	
C432	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C428	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C422	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C420	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C419	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C416	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C407	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C406	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C404	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C403	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C401	065G040210412K A	CAP CHIP 0402 100nF K 16V X7R	
C433	065G0402105A5K Y	CAP 0402 1UF 10% 10V X5R	
C102	065G040222031J Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C103	065G040222031J Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C408	065G040222415K Y	CAP CHIP 0402 220nF 16V X5R	
C434	065G040222415K Y	CAP CHIP 0402 220nF 16V X5R	
C411	065G040247031J Y	CAP 0402 47PF 5% 50V NP0	
C412	065G040247031J Y	CAP 0402 47PF 5% 50V NP0	
C101	065G040247312K Y	CAP 0402 47NF 10% 16V X7R	
C105	065G040247312K Y	CAP 0402 47NF 10% 16V X7R	
C106	065G040247312K Y	CAP 0402 47NF 10% 16V X7R	
C107	065G040247312K Y	CAP 0402 47NF 10% 16V X7R	
C109	065G040247312K Y	CAP 0402 47NF 10% 16V X7R	
C110	065G040247312K Y	CAP 0402 47NF 10% 16V X7R	
C113	065G040247312K Y	CAP 0402 47NF 10% 16V X7R	
C104	065G040250931C Y	CAP 0402 5PF 0.25pF 50V NP0	

C108	065G040250931C Y	CAP 0402 5PF 0.25pF 50V NP0	
C111	065G040250931C Y	CAP 0402 5PF 0.25pF 50V NP0	
FB405	071G 56G151 A	CHIP BEAD 150 OHM	
FB402	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	
FB401	071G 56V301 B	CHIP BEAD 0805 300R 25% 700mA	
FB103	071G 59K190 B	CHIP BEAD 0603 19 OHM FCB1608KF-190T05	
FB102	071G 59K190 B	CHIP BEAD 0603 19 OHM FCB1608KF-190T05	
FB101	071G 59K190 B	CHIP BEAD 0603 19 OHM FCB1608KF-190T05	
D403	093G 64 42 L	DIODE LBAV70LT1G SOT-23 LRC	
ZD103	093G 39GA01 T	RLZ5.6B	
ZD104	093G 39GA01 T	RLZ5.6B	
	709G3244 HS002	CONSUMPTIVE ASS'Y	
	715G3244 2	MAIN BOARD PCB	
	H52G 2191 1	美纹胶带	
	H52G1701 1	MESH PRINTTING_PAPER	
CN001	033G8034 6H H L1	CONN 1.0mm 6P R/A - -	
U001	056G 669 10	TOUCH KEY CG7246AMT QFN-16(COL)	
R012	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R009	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R008	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R001	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R002	061G0603101 JT	RST CHIP 100R 1/10W 5% TZAI YUAN	
R007	061G0603561 JT	RST CHIPR 560OHM +-5% 1/10W TZAI YUAN	
R006	061G0603561 JT	RST CHIPR 560OHM +-5% 1/10W TZAI YUAN	
R005	061G0603561 JT	RST CHIPR 560OHM +-5% 1/10W TZAI YUAN	
R004	061G0603561 JT	RST CHIPR 560OHM +-5% 1/10W TZAI YUAN	
C001	065G060310231J Y	CHIP 0603 1000pF 50V NPO	
C002	065G0603225 A5	NO-SUGGEST CHIP 2.2uF 10V X5R	
LED001	081G15BY 2 GP	LED GPTD1204BOC1-A GP	
ZD004	093G 39S 34 T	UDZSNP5.6B ROHM	
ZD005	093G 39S 34 T	UDZSNP5.6B ROHM	
	715G3371 2	KEY BOARD PCB	
Q901	057G 667924	MOSFET SMK0965F	
HS1	090G6064 1	HEAT SINK	
	0M1G 930 8120	SCREW 3x8	
HS3	090G6084 1 GP	HEAT SINK	
D906	093G1506 2	SCHOTTKY FMW-2156 15A 60V TO-220	
	0M1G 930 8120	SCREW 3x8	
E55	055G 23524	WELDING FLUX WITHOUT PB	
	Q51G 6 4509	GLUE_RTV	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
U901	056G 379128	IC LD7576 GS SOP-8	
U801	056G 379154	IC AM9000ES SOIC-16	
Q803	057G 763 92	FET P8008HV 4A/80V SOP-8	
R818	061G0603000 FF	RST CHIPR MAX0R01 1/10W FENGHUA	
R819	061G0603000 FF	RST CHIPR MAX0R01 1/10W FENGHUA	
R814	061G0603100 JF	RST CHIPR 10 OHM 5% 1/10W FENGHUA	
R815	061G0603100 JF	RST CHIPR 10 OHM 5% 1/10W FENGHUA	
R816	061G0603100 JF	RST CHIPR 10 OHM 5% 1/10W FENGHUA	
R928	061G06031001FT	RST CHIP 1K 1/10W 1%	
R920	061G06031001FT	RST CHIP 1K 1/10W 1%	
R907	061G06031001FT	RST CHIP 1K 1/10W 1%	
R918	061G06031002FT	RST CHIP 10K 1/10W 1%	
R809	061G06031003FT	RST CHIP 100K 1/10W 1%	
R805	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	

R806	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	
R807	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	
R808	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	
R811	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	
R817	061G0603103 JT	RST CHIP 10K 1/10W 5% TZAI YUAN	
R803	061G0603202 JT	RST 0603 2K 5% 1/10W	
R804	061G0603202 JT	RST 0603 2K 5% 1/10W	
R810	061G0603203 JT	RST 0603 20K 5% 1/10W	
R925	061G06032431FT	RST CHIPR 2.43KOHM +-1% 1/10W TZAI YUAN	
R813	061G0603339 JT	RST CHIPR 3R3 +-5% 1//10W TZAI YUAN	
R916	061G06033651FT	RST CHIPR 3.65 KOHM +-1% 1/10W TZAI YUA	
R801	061G06034300FF	RST CHIPR 430 OHM +-1% 1/10W FENGHUA	
R802	061G06034300FF	RST CHIPR 430 OHM +-1% 1/10W FENGHUA	
R905	061G0603471 JT	RST CHIPR 470OHM +-5% 1/10W TZAI YUAN	
R919	061G0805151 JT	RST CHIPR 150OHM +-5% 1/8W TZAI YUAN	
F801	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
RJ801	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
RJ802	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
RJ803	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
RJ804	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
RJ805	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
RJ806	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
RJ807	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R903	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	
R909	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	
R910	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	
R912	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	
R929	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	
R930	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN	
R908	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN	
R913	061G1206159 JT	RST CHIP R 1.5ohm 1/4W +/-5%	
R917	061G1206220 JT	RST CHIPR 22 OHM +-5% 1/4W TZAI YUAN	
R923	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R812	061G1206339 JT	RST CHIPR 3.3 OHM +-5% 1/4W TZAI YUAN	
R914	061G12064322FT	RST CHIPR 43.2K OHM 1/4W +/-1%	
R900	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	
R901	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	
R902	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	
C923	065G060310231J Y	CHIP 0603 1000pF 50V NPO	
C810	065G060310332K A	CAP 0603 10NF 10% 50V X7R	
C915	065G060310332K A	CAP 0603 10NF 10% 50V X7R	
C912	065G060310432K A	CAP 0603 100NF 10% 50V X7R	
C924	065G060310432K A	CAP 0603 100NF 10% 50V X7R	
C926	065G060310432K A	CAP 0603 100NF 10% 50V X7R	
C808	065G0603105 17	1UF 16V Y5V	
C805	065G0603105 17	1UF 16V Y5V	
C914	065G060347131J Y	CAP CHIP 0603 470P 50V NP0 +/-5%	
C809	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	
C815	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C814	065G080510522K 3	CAP CHIP 0805 1U 25V X7R +/-10%	
C804	065G0805222 31	NO-SUGGEST MLCC 0805 2200PF J 50V NPO	
C802	065G0805222 31	NO-SUGGEST MLCC 0805 2200PF J 50V NPO	
C813	065G080522232K Y	CAP CHIP 0805 2N2 50V X7R +/-10%	
C812	065G080522232K Y	CAP CHIP 0805 2N2 50V X7R +/-10%	
C807	065G080539231J Y	CAP CHIP 0805 3900PF J 50V NPO	

C806	065G080547332K Y	CAP CHIP 0805 47N 50V X7R +/-10%	
C927	065G080547332K Y	CAP CHIP 0805 47N 50V X7R +/-10%	
C916	065G120610272K Y	CAP 1206 1NF 10% 500V X7R	
C917	065G120610272K Y	CAP 1206 1NF 10% 500V X7R	
D803	093G 64 38 P	BAW56	
	PW9A21SHD2AI	POWER BOARD FOR AI	
C503	065G060310432K A	CAP 0603 100NF 10% 50V X7R	
C501	065G0603509 31	CHIP 5PF +-0.5PF 50V NPO	
C502	065G0603509 31	CHIP 5PF +-0.5PF 50V NPO	
FB501	071G 56K121 M	CHIP BEAD 120OHM 6A MGLB2012-120T-LF	
	715G3501 3	USB BOARD PCB	
CN901	006G 31500	EYELET	
U903	056G 158 10 T	LDO IC AZ431AZ-AE1 TO-92 150MA 40V TO-92	
Q904	057G 530503 T	2SD1207T	
R906	061G152M10452T SY	RST MOFR 100KOHM +-5% 2WS FUTABA	
R924	061G152M39852T SY	RST MOF 0.39R 5% 2W	
R904	061G152M47152T SY	RST MOF 470R 5% 2W FUTABA	
C911	065G 2K152 2T6921	CAP CER 1500pF K 2KV Y5P	
C913	067G215Y2207KT	CAP 105℃ 22UF M 50V KINGNICHI EG	
FB901	071G 55 29	FERRITE BEAD	
F901	084G 56 4W	FUSE 4A 250V	
F902	084G 56 4W	FUSE 4A 250V	
ZD901	093G 3916752T	MTZJ T-72 16B	
D903	093G 6026T52T	CTIFIER DIODE FR107	
D904	093G 6038T52T	FR103 AO	
D907	093G 6452452T	SWITCHING 1N4148-B4006 0.2A 100V DO-35	
J804	095G 90 23	JUMPER WIRE	
J805	095G 90 23	JUMPER WIRE	
J806	095G 90 23	JUMPER WIRE	
J807	095G 90 23	JUMPER WIRE	
J808	095G 90 23	JUMPER WIRE	
J822	095G 90 23	JUMPER WIRE	
J901	095G 90 23	JUMPER WIRE	
J902	095G 90 23	JUMPER WIRE	
J903	095G 90 23	JUMPER WIRE	
J905	095G 90 23	JUMPER WIRE	
J906	095G 90 23	JUMPER WIRE	
J907	095G 90 23	JUMPER WIRE	
J908	095G 90 23	JUMPER WIRE	
J909	095G 90 23	JUMPER WIRE	
J911	095G 90 23	JUMPER WIRE	
J921	095G 90 23	JUMPER WIRE	
J810	095G 90 23	JUMPER WIRE	
J811	095G 90 23	JUMPER WIRE	
J809	095G 90 23	JUMPER WIRE	
J803	095G 90 23	JUMPER WIRE	
J802	095G 90 23	JUMPER WIRE	
J801	095G 90 23	JUMPER WIRE	
	709G2892 HA001	CONSUMPTIVE ASS'Y	
	715G2892P01019001C	POWER BOARD PCB	