

PROVIEW

PS576

Service Manual

TABLE OF CONTE

O. SERVICEWARNING	1
A. IMPORTANT SAFETY INSTRUCTION.	1
B. SPECIFICATIONS.	2
C. TIMING CHART.	3
D. CONTROL LOCATION.	5
E. CONDUCTION VIEW.	6
F. ADJUSTMENT PROCEDURE.	10
G. TROUBLE SHOOTING HINTS.	11
H. REPLACEMENT PARTS LIST.	15
I. BLOCK DIAGRAM.	21
J. SCHEMATIC DIAGRAM.	22

WARNING

To prevent from fire or shock hazard,do not expose monitor to any rain or any form of water.High voltage is inside the monitor so please do not remove the back cover of the cabinet if you are not a qualified monitor engineer.Contact the local dealer or the nearest Acer branch office if you need help.

A. IMPORTANT SAFETY INSTRUCTION

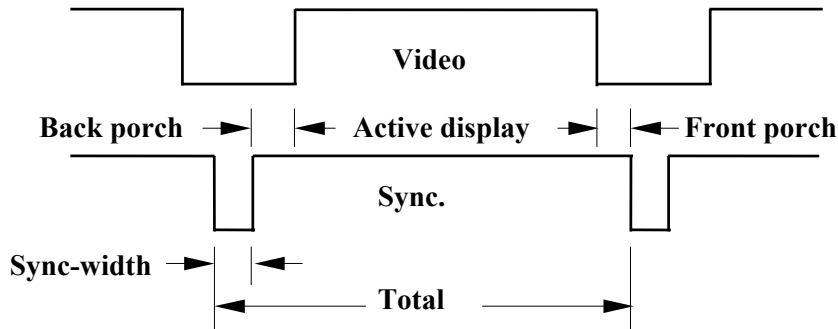
Prior to using this service manual,please ensure that you have carefully followed all the procedures outlined in the user's manual for this product.

1. Read all of these instructions.
2. Save these instructions.
3. Follow all warnings and instructions a marked on the product.
4. Unplug this product from the wall outlet before cleaning.Do not use liquid cleaners or aerosol cleaners, use a damp cloth for cleaning.
5. Do not use this product near water.
6. Do not place this product on an unstable cart,stand or table.The product may fall,causing serious damage to the product.
7. Slots and openings in the cabinet and the back or bottom are provided for ventilation,to ensure reliable operation of the product and to protect it from overheating,those openings must not be blocked or covered.The openings should never be blocked by placing the product on a bed,sofa, rug, or other similar surface.This product should not be placed in a built-in installation less proper ventilation is provided.
8. This products should be operated from the type of power source indicated on the marketin label. If you are not sure of the type of power available, consult your dealer or local power company
9. This product is equipped with a 3-wire grounding type plug,a plug having a third (grounding) pin.This plug will only fit into a grounding-type power outlet.This is a safety feature,if you are unable to insert the plug into the outlet,contact your electrician to replace your obsolete outlet.Do not defeat the purpose of the grounding-type plug.
10. Do not allow anything to rest on the power cord.Do not locate this product where persons will walk on the cord.
11. If an extension cord is used with this product,make sure that the total of the ampere ratings on the product plugged into the extension cord to the waplugged into outlet does not exceed 15 ampere.
12. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock.Never spill liquid of any kind on the product.
13. Do not attempt to service this product yourself,as opening or removing covers may expose you to dangerous voltage points or other risks.Refer all servicing to service personnel.
14. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions.
 - a. When the power cord or plug is damaged or frayed.
 - b. If liquid has been spilled into the product.
 - c. If the product has been exposed to rain or water.
 - d. If the product does not operate normally,when the operating instructions are followed.Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extension work by a qualified technician to restore the product to normal operation.
 - e. If the product has been dropped or the cabinet has been damaged.
 - f. If the product exhibits a distinct change in performance,indicating a need for service.

B. SPECIFICATIONS

1. Maximum Resolution	1024 x 768 @ 75Hz
2. Recommend Resolution	1024 x 768 @ 60Hz
3. Synchronization Range	
Horizontal	31 – 60 KHz
Vertical	56– 75 Hz
4. Active Display Area	304.1mm (H) x 228.1mm (V)
5. Dot Pitch	0.297(H) x 0.297(V) mm
6. Support display colors	16.2M color
7. Contrast Ratio (Typical)	400
8. Luminance of White	250cd/m ²
9. Bandwidth	80MHz
10. User Control	4 Key Switch
11. OSD Function	Brightness, Contrast, H-Position, V-Position, H-Size, Phase, Color Select, Auto, Reset, Language, OSD Adjust, Exit
12. View Angle	
Horizontal	120 Degrees
Vertical	100 Degrees
13. Power Source	100 – 240 Vac 60 / 50 Hz
14. Power Consumption	36W (max.)
15. Connection Type	15 Pin D Type
16. Input Signal	
Video	Analog R.G.B. , 0.7Vp-p / 75 Ohms
Sync.	TTL level, positive or negative polarity
17. Color Temperature	Cool / Warm
18. Dimension (WxHxD)	418mm x 421mm x 188mm
19. Monitor Weight	3.3 Kg
20. Base Operation	
Tilt	0 / + 15 degree
21. Power Saving	
ON	< 36W
STAND BY	< 5W
OFF	< 5W
22. Signal Connector Pin Assignment	
Pin No.	
	1. Red
	2. Green
	3. Blue
	4. Ground
	5. Self Test
	6. Red Ground
	7. Green Ground
	8. Blue Ground
	9. 5V _{DC}
	10. Sync. Ground
	11. Ground
	12. SDA (For DDC)
	13. Horizontal Sync.
	14. Vertical Sync.
	15. SCL (For DDC)
23. Audio signal	
	3.5 Φ stereo phone jack
	Input Sensitivity : 200mV
	2+2W 8 Ω Speaker

C.TIMING CHART



Preset Modes	VGA 720X400	VGA 640X480	VESA 640X480	VESA 640X480	VESA 800X600	VESA 800X600
Pixel clock (MHz)	28.325	25.175	31.500	31.500	36.000	40.000
H-Frequency (KHz)	31.472	31.469	37.861	37.500	35.156	37.879
H-Total (□s)	31.774	31.778	26.413	26.667	28.444	26.400
H-Active Display (□s)	25.419	25.422	20.317	20.317	22.222	20.000
H-Blanking (□s)	6.355	6.356	6.095	6.349	6.222	6.400
Front Porch (□s)	0.635	0.636	0.762	0.508	0.667	1.000
H-Sync-width (□s)	3.813	3.813	1.270	2.032	2.000	3.200
H-Back Porch (□s)	1.906	1.907	4.063	3.810	3.556	2.200
V-Frequency (Hz)	70.1	59.94	72.81	75.0	56.25	60.3
V-Total (ms)	14.267	16.683	13.735	13.333	17.778	16.579
V-Active Display (ms)	12.710	15.253	12.678	12.800	17.067	15.840
V-Blanking (ms)	1.557	1.430	1.057	0.533	0.711	0.739
V-Front Porch (ms)	0.413	0.318	0.238	0.027	0.028	0.026
V-Sync-width (ms)	0.064	0.064	0.079	0.080	0.057	0.106
V-Back Porch (ms)	1.080	1.049	0.740	0.427	0.626	0.607
H/V Sync. Polarity	- +	- -	- -	- -	+ +	+ +
Interlace	NONE	NONE	NONE	NONE	NONE	NONE

Modes Preset	VESA 800X600	VESA 800X600	VESA 1024X768	VESA 1024X768	VESA 1024X768
Pixel clock (MHz)	50.000	49.500	65.000	75.000	78.750
H-Frequency (KHz)	48.077	46.875	48.363	56.476	60.023
H-Total (□s)	20.800	21.333	20.677	17.707	16.660
H-Active Display (□s)	16.000	16.162	15.754	13.563	13.003
H-Blanking (□s)	4.800	5.172	4.923	4.053	3.657
Front Porch (□s)	1.120	0.323	0.369	0.320	0.203
H-Sync-width (□s)	2.400	1.616	2.092	1.813	1.219
H-Back Porch (□s)	1.280	3.232	2.462	1.920	2.235
V-Frequency (Hz)	72.2	75.0	60.0	70.1	75.0
V-Total (ms)	13.853	13.333	16.666	14.272	13.328
V-Active Display (ms)	12.480	12.800	15.880	13.599	12.795
V-Blanking (ms)	1.373	0.533	0.786	0.673	0.533
V-Front Porch (ms)	0.770	0.021	0.062	0.053	0.017
V-Sync-width (ms)	0.125	0.064	0.124	0.106	0.050
V-Back Porch (ms)	0.478	0.448	0.600	0.513	0.466
H/V Sync. Polarity	+ +	+ +	- -	- -	+ +
Interlace	NONE	NONE	NONE	NONE	NONE

D. CONTROL LOCATION

Font control panel



1. Menu Button
2. Select Button
3. Auto Button
4. Power Button
5. LED (Power Display)

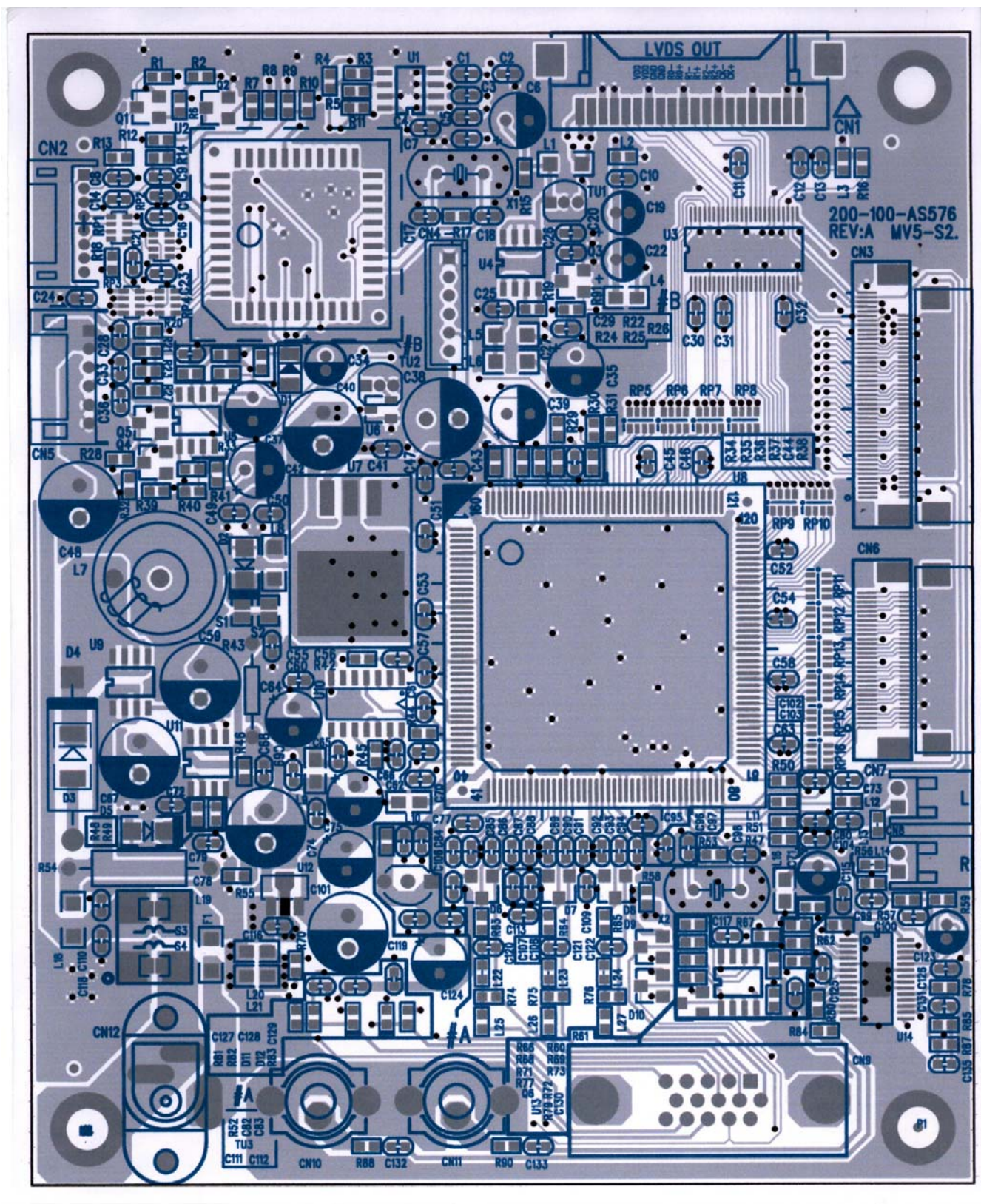
Rear panel



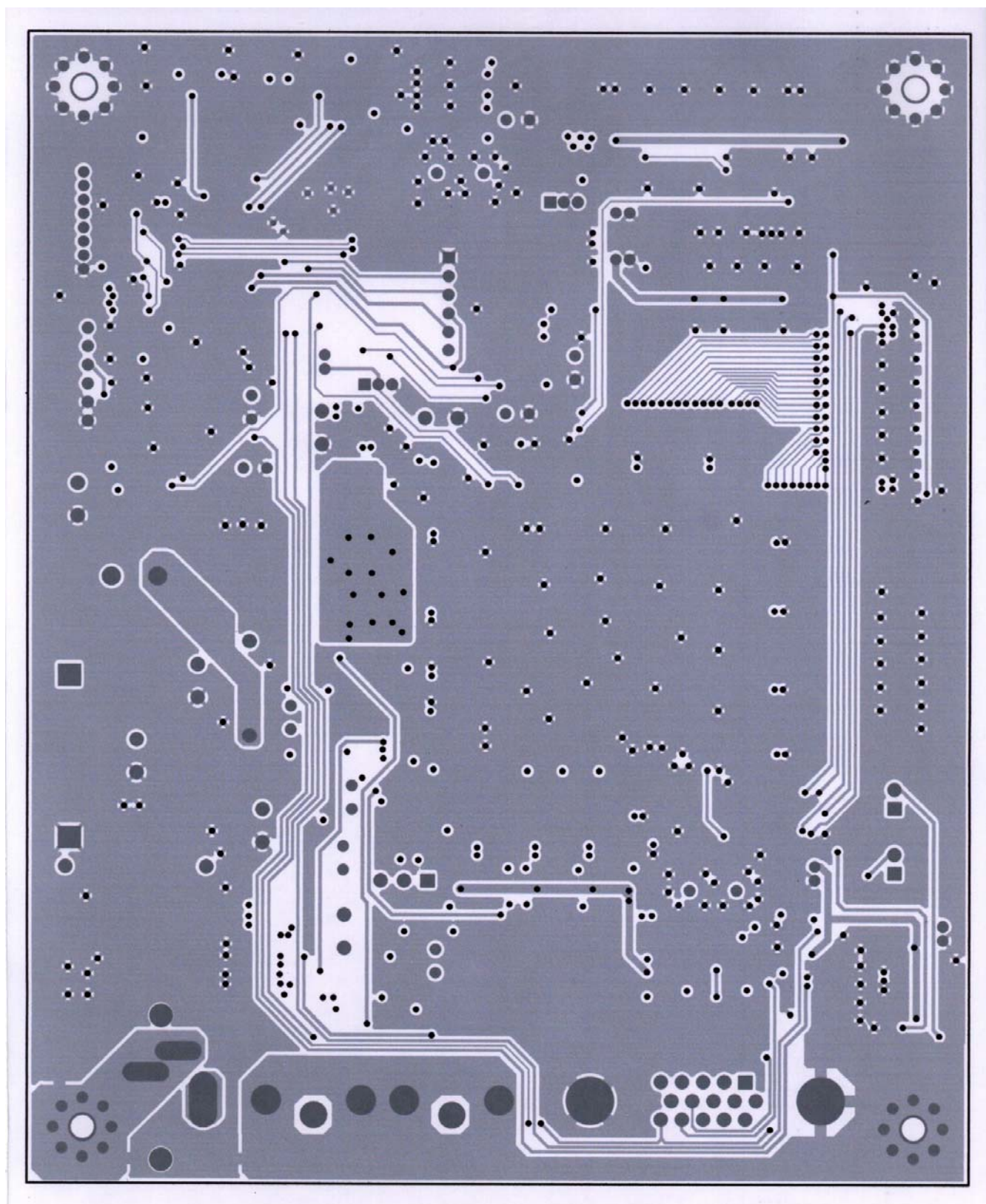
1. VGA Signal Cable
2. Power jack
3. Line in jack

E. CONDUCTION VIEW

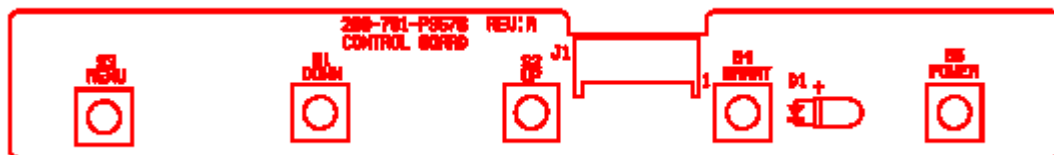
MAIN BOARD (Component Side)



MAIN BOARD (Solid Side)



CONTROL BOARD (Component Side)



CONTROL BOARD (Solid Side)



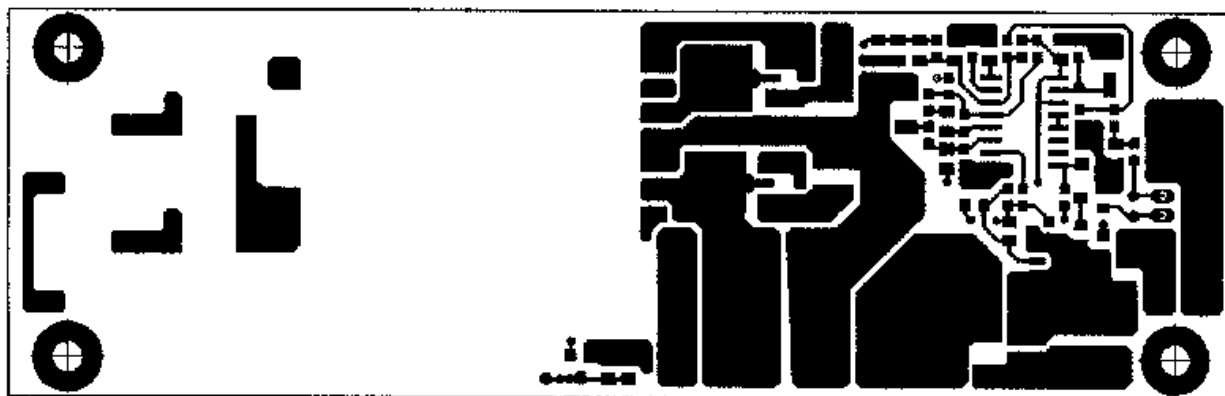
SAMPO CORPORATION

SPECIFICATION OF INVERTER (DIVTL0144-D21--)

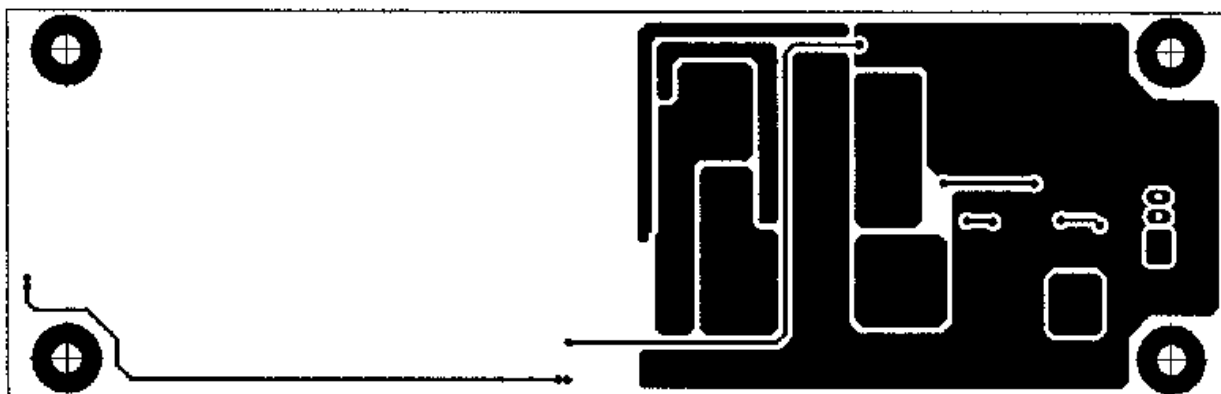
9.P.C.B. LAYOUT / COMPONENT LOCATION

9-1. P.C.B. LAYOUT

TOP



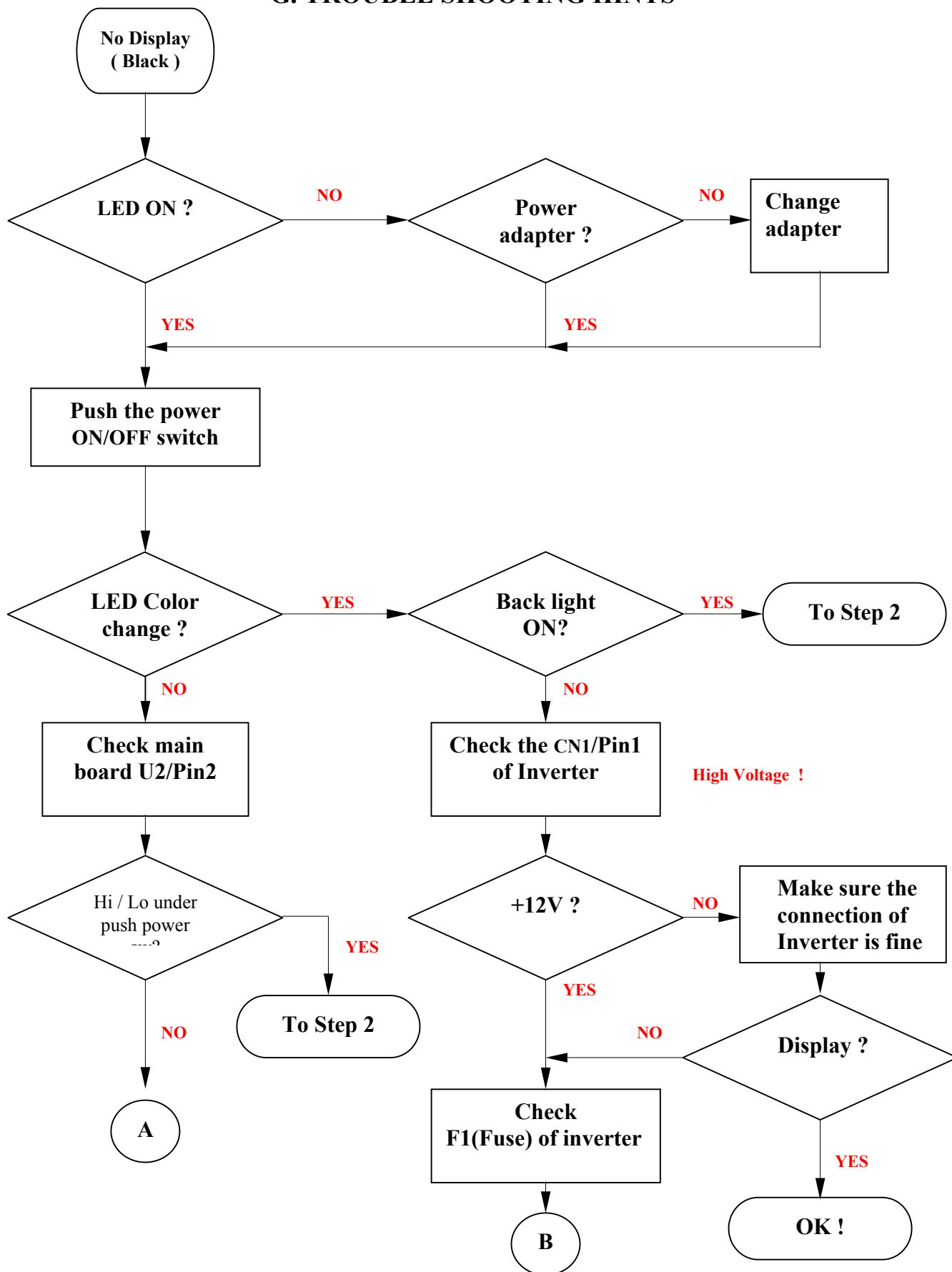
NOTICE

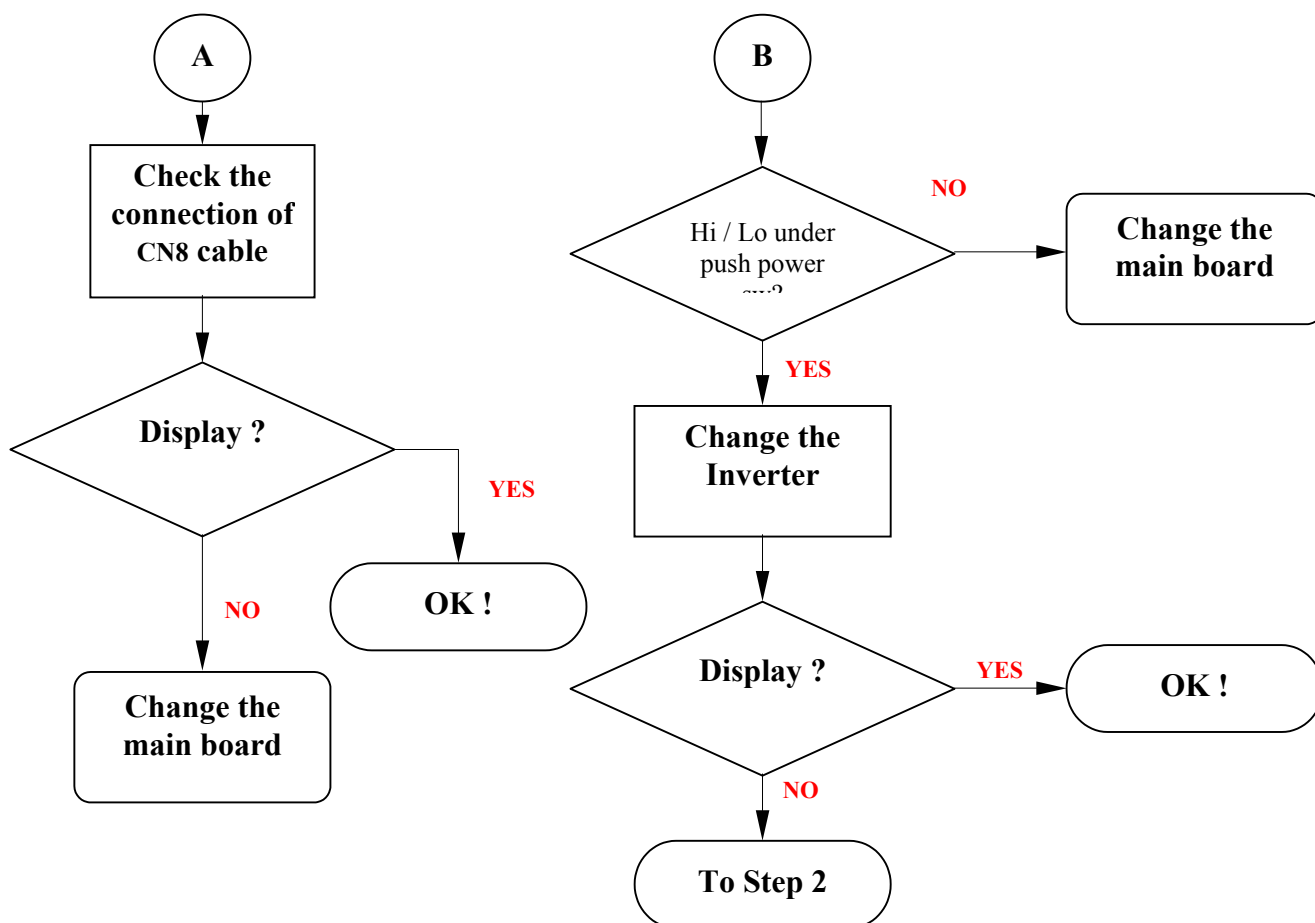


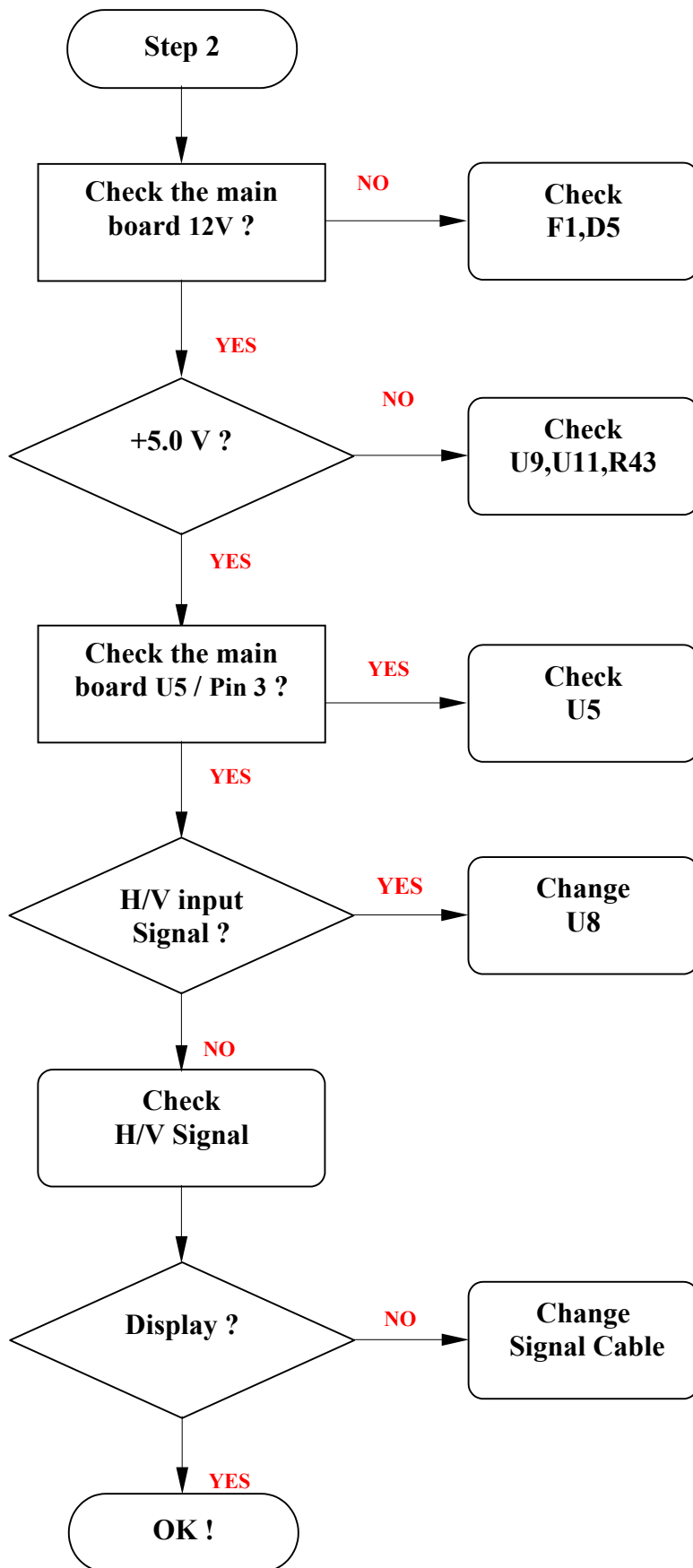
F. ADJUSTMENT PROCEDURE

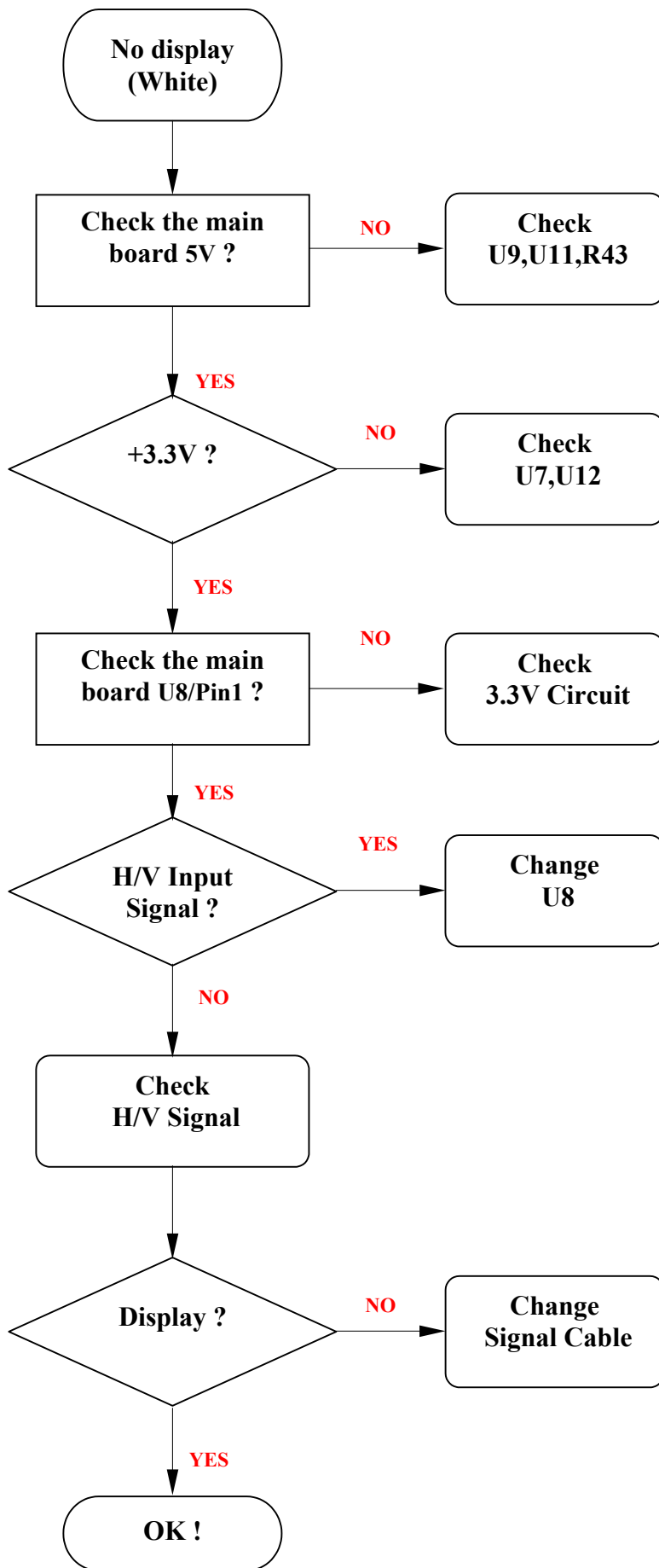
ITEM Program Menu.		# Test Meter * Test Point @ Pattern	Operation	Check Value
A	B+ Check	# Digital Voltmeter * CN7 @ Crosshatch Pattern (31.5KHz,640x480)	1. Plug power cable into the adapter, check adapter power indicator light up green. 2. Make sure the voltage of the power plug (CN7) on the main PCB to the value shown at right.	12.0V ±0.2V
B	Power Saving Check	# Wattmeter # PC or Pattern generator @ Crosshatch Pattern (31.5KHz,640x480)	1. Unplug the signal cable into the monitor. 2. Turn the power switch of the monitor ON . 3. Check monitor power indicator light up orange. 4. Make sure the wattmeter value shown at right. 5. OSD will be display “ NO SIGNAL ” Picture.	< 5W
C	Into Factory mode	# PC or Pattern generator @ Crosshatch Pattern (31.5KHz,640x480)	1. Hold < key, then turn the power switch of the monitor OFF . 2. Hold > key, then turn the power switch of the monitor ON . 3. You can into factory adjustment mode.	
D	Auto mode Check	# PC or Pattern generator @ Crosshatch Pattern (1024x768/60Hz)	1. Press and release the MENU knob to activate the OSD menu. 2. Move the OSD to the AUTO function, press MENU key auto adjust display mode to its utmost performance according to VGA setting. 3. In the event of the display image needs further adjustment	
E	White Balance Adjust	# PC or Pattern generator @ White Pattern (1024x768/60Hz)	1. Move the OSD to the COLOR mode (AUTO COLOR). 2. set color is 9300°K using the OSD, Check the value shown at below. Y = 220 x = 0.283 y = 0.297 3. set color is 6500°K using the OSD, Check the value shown at right. Y = 220 x = 0.311 y = 0.329	Y = 220 ±0.1FL x = 0.283 ±0.01 y = 0.297 ±0.01
F	OSD Language Setting	# PC or Pattern generator	1. Move the OSD to the LANGUAGE mode . 2. You can choose one of the eight language you need.	

G. TROUBLE SHOOTING HINTS









H. REPLACEMENT PARTS LIST

PS576

10	988-1P0-1004C	X	EA	1.0000	02/11/11	0.000
	PS-576 包裝材料+TC099 SANYO INTER DATA					
1	002-001-TC09	P	EA	1.0000	01/07/26	0.000
	TC099 宣告書 (全機種).					
2	002-000-PS576	P	EA	1.0000	02/07/10	0.000
	PS576 英文說明書中性					
4	005-002-PS576	P	EA	1.0000	02/07/10	0.000
	PS576 CARTON.PROVIEW 分離式					
5	153-000-PS576	P	EA	1.0000	02/07/10	0.000
	PS576 BACK LBL 中性 英文 TC099 MADE IN CHINA					
6	003-H01-AS576	P	EA	1.0000	01/12/04	0.000
	TC099 LBL FOR PLANE					
7	170-000-0848C	P	EA	1.0000	01/11/30	0.000
	PE BAG 0.07mm 14*30.5cm.					
8	170-005-VM541	P	EA	1.0000	02/07/10	0.000
	LT-541 PE BAG 夾鏈袋 300*200mm.					
9	170-005-LCD5	P	EA	1.0000	01/11/30	0.000
	LCD 15" PE BAG 五國語言分離整機					
10	826-000-PS576	X	EA	1.0000	01/07/26	0.000
	PS-576 系列包材共同料分離式無外 箱貼紙					
40	160-00L-PS576	P	EA	1.0000	01/08/13	0.000
	POLYFOAM 保利龍.(L)分離式					
50	160-00R-PS576	P	EA	1.0000	01/07/26	0.000
	POLYFOAM 保利龍.(R)分離式					
11	846-120-COAL-AT	P	EA	1.0000	02/09/03	0.000
	ADAPTER 12V 3A 36W 低功率透明線 白色					
21	002-001-CEPOV-B	P	EA	1.0000	02/10/15	0.000
	CE 宣告書(FOR PROVIEW)內容修改. +機種					
31	003-001-EDC	P	EA	1.0000	02/11/07	0.000
	銅版紙 55X35mm.					
41	003-002-0848-AM	X	EA	1.0000	02/11/21	0.000
	CARTON LABEL 70*40mm.					
10	003-002-0848-A	P	EA	1.0000	02/08/03	0.000
	CARTON LABEL 70*40mm.					
20	835-014-0ALL	P	RL	0.0002	02/08/03	0.000
	普通 黑色碳帶 80*300mm.					

51	002-G00-LPROVIEW	P	EA	1.0000	02/12/12	0.000
	LCD 機種保証卡 PROVIEW EDC 客人用					
20	999-P04-PS576	X	EA	1.0000	02/11/11	0.000
	PS576 TUV/GS TC099 包前成品 INTE					
	R DATA					
1	902-PS0-1003C	X	EA	1.0000	02/05/27	0.000
	PS-576 TUV/GS/CE TC099 框架 PANE					
	INTER DATA					
10	151-001-PS576	M	EA	1.0000	02/09/18	0.000
	PS576 REAR CABINET ABS. (黑色)					
	EM-006E					
10	154-002-ABS6E	P	KG	0.3300	02/09/12	0.000
	塑膠原料 ABS HB(非防火)EM-006E					
	T23022(黑色)					
20	110-4R0-20646	P	EA	2.0000	02/09/12	0.000
	銅螺母 M4*H8*Φ6.6mm					
20	154-001-PS576	P	EA	1.0000	02/09/18	0.000
	PS576 KEY TOP ABS.					
30	154-002-PS576	P	EA	1.0000	02/09/18	0.000
	PS576 LENS PC.					
40	121-000-PS576	P	EA	1.0000	02/09/18	0.000
	PS576 REAR PLATE SECC 1.0T.					
50	126-000-AS576-A	P	EA	1.0000	02/09/18	0.000
	AS576 HINGE STEELNESS.					
					插件位置: 鎖底座,	
70	123-B01-PS576P	M	EA	1.0000	02/09/18	0.000
	PS576 FRONT PANEL AL5052P 0.8T					
	PROVIEW LOGO 烤漆					
10	123-100-PS576	M	EA	1.0000	02/07/18	0.000
	PS576 FRONT PANEL AL5052P 0.8T					
	絲印功能鍵 AU 中性					
10	123-B00-PS576P	P	EA	1.0000	02/07/18	0.000
	PS576 FRONT PANEL AL5052P 0.8T					
	AU PANEL 空白烤漆					
20	MISC-S00-SYIN	P	EA	1.0000	02/11/11	0.000
	面框絲印費.					
20	MISC-S00-SYIN	P	EA	1.0000	02/07/18	0.000
	面框絲印費.					
80	827-001-PS576	X	EA	1.0000	02/09/18	0.000
	PS-576 LCD 框架組立共同料 AU*5					
10	100-008-3013	P	EA	2.0000	02/07/10	0.000
	SCREW R3*8mm TP1 PRO 2K 700.					
20	100-010-4033	P	EA	2.0000	02/07/10	0.000

	SCREW P4*10 ISO 鍍NI.					
30	101-005-2032	P EA	4.0000	02/07/10	0.000	
	SCREW M2*5 ISO 鍍五彩.					
40	101-005-3032	P EA	6.0000	02/07/10	0.000	
	SCREW M3.0*5 ISO 鍍五彩.					
50	101-005-3033	P EA	4.0000	02/10/05	0.000	
	SCREW M3*5 ISO 鍍NI.					
60	103-006-4033	P EA	1.0000	02/08/15	0.000	
	SCREW F4*6mm ISO ZI3C-NI.					
70	105-006-3012	P EA	2.0000	02/07/10	0.000	
	SCREW T3*6mm TP1.					
80	105-006-4033-1	P EA	2.0000	02/07/10	0.000	
	SCREW T4*6mm ISO 鍍鍬 耐落					
90	105-010-3012	P EA	4.0000	02/07/10	0.000	
	SCREW T3*10mm TP1.					
100	110-4R0-20646	P EA	2.0000	02/10/05	0.000	
	銅螺母 M4*H8*Φ6.6mm					
110	154-002-AS576	P EA	1.0000	02/08/15	0.000	
	AS576 MYLAR SHEET T=0.5mm					
120	154-003-AS576	P EA	1.0000	02/09/09	0.000	
	AS576 MYLAR SHEET 168*126					
130	506-178-E62BP-40	P EA	1.0000	02/07/10	0.000	
	SMD CPU IC(WINBOND:W78E62BP-40					
				插件位置: P1,		
140	631-003-A014-C	P EA	1.0000	02/09/06	0.000	
	AUDIO 透明線 3.5STEREO 變為 2*RCA					
	1.5M CORE					
				插件位置: EMI,		
150	631-006-7020-T	P EA	1.0000	02/07/10	0.000	
	SH570/770 絞線 1061#28 6P2.0mm					
160	631-008-G020-W	P EA	1.0000	02/07/11	0.000	
	8PIN 1.5PITCH<->8PIN 1.5PITCH					
				插件位置: CTR/B->M/B,		
170	631-030-F0003	P EA	1.0000	02/07/10	0.000	
	30P FFC CABLE L20CM T28mm.					
				插件位置: FFC2,		
180	631-045-F0003	P EA	1.0000	02/07/10	0.000	
	45P FFC CABLE L20CM T28mm.					
				插件位置: FFC1,		
200	824-002-AY565	P EA	1.0000	02/10/25	0.000	
	SPK BOX 20*40 2W 8ohm.					ECN-2A0110
210	831-300-0101	P EA	1.0000	02/09/09	0.000	
	PS576 按鍵雙面膠(日東 5000NS)					

220	831-750-0500	P RL	0.0320	02/09/09	0.000	
	醋酸膠布寬 50mm 黑色					
230	003-H01-LCD	P EA	1.0000	02/10/14	0.000	
	LCD CPU LBL 15mmx15mm.					
240	83X-000-LCDF	X EA	1.0000	02/11/07	0.000	
	LCD MONITOR 成品段輔料.					
1	831-409-0200	P RL	0.0084	02/05/29	0.000	
	單面膠 9mm*20 碼 (透明).					
2	831-119-0501	P RL	0.0250	02/05/29	0.000	
	PVC 黑色電氣膠帶 UL206W19MM 卷狀					
3	832-003-0002	P BOT	0.0050	02/05/29	0.000	
	酒精 99.5%.1kg/瓶					
4	832-002-0001	P KG	0.0090	02/05/29	0.000	
	去漬油中國石油 1 桶 200 公升.					
5	831-460-0201	P RL	0.0040	02/05/29	0.000	
	TAPE (FOR PACKING) 60mm.					
6	836-600-0000	P EA	0.0004	02/05/29	0.000	
	玻璃擦拭布 MINIMAX 24*24cm 100p					
16	003-501-ALL9	P EA	1.0000	02/08/12	0.000	
	ALL LCD 流程卡 10.8*7.5CM(白底黑					ECN-280083
250	126-060-ALP1	P EA	1.0000	02/11/14	0.000	
	導電鋁箔 L210*W60mm					
260	126-030-ALP	P EA	2.0000	02/11/14	0.000	
	導電鋁箔 150X30mm.					
90	820-010-5PST	X EA	1.0000	02/09/18	0.000	
	PS576 STAND 組品 鑄鋁合金					
10	123-700-PS576	P EA	1.0000	02/10/05	0.000	
	PS576 BASE(鑄鋁合金).					
20	155-001-PS576	P EA	5.0000	02/09/18	0.000	
	RUBBER FOOT(NR).					
40	132-300-PS576	M EA	1.0000	02/09/18	0.000	
	SPRING ASS'Y					
10	132-001-PS576-A	P EA	1.0000	02/08/22	0.000	
	PS576 SCREW PING(D1.2 琴鋼線,鍍圖紙變					
30	106-012-6033	P EA	1.0000	02/08/31	0.000	
	CHESS 圓柱一字頭 M6xL12.5ISO 鍍鍍					
100	123-701-PS576	P EA	1.0000	02/10/05	0.000	
	PS576 BASE NECK(鑄鋁合金).					
110	600-151-0400	P EA	1.0000	02/10/05	0.000	
	德國式電源線 150cm.黑色					
120	610-151-15RM-1	P EA	1.0000	02/10/05	0.000	
	SH570/770 透明線 UL20276 外露 1.5M					
	一端 90 度彎					

130	640-004-0007	P	EA	1.0000	02/11/11	0.000	
	熱收縮管黑色 $\Phi 4*7\text{mm}$						
					插件位置: FOR LED,		
2	899-00M-PS576	M	EA	1.0000	02/05/27	0.000	
	PS576 M/B FOR AU*5 PANEL						
10	852-00M-PS576	M	EA	1.0000	02/08/26	0.000	
	PS576 M/B FOR AU*5 PANEL SMD						
10	200-100-AS576	P	EA	1.0000	02/07/10	0.000	
	AS576 MAIN BOARD PCB						
					插件位置: PCB,		
30	281-031-20014	P	EA	1.0000	02/07/10	0.000	
	SMD R 2K 1% 0603.						
					插件位置: R55,		
40	281-031-62014	P	EA	1.0000	02/07/10	0.000	
	SMD R 6.2K 0603.						
					插件位置: R46,		
50	281-035-0R04	P	EA	9.0000	02/07/10	0.000	
	RES 0ohm 5% 1/10W 0603 SMD.						
					插件位置: L12,R21,S1,S2,R13,		
60	281-035-1014	P	EA	4.0000	02/07/10	0.000	
	RES 100 5% 1/10W 0603 SMD.						
					插件位置: R42,R44,R45,R82,		
70	281-035-1024	P	EA	9.0000	02/07/10	0.000	
	RES 1K 5% 1/10W 0603 SMD.						
					插件位置: R6,R7,R24,R29,R30,		
					R31,R33,R37,R73,		
80	281-035-1034	P	EA	10.0000	02/07/10	0.000	
	RES 10K 5% 1/10W 0603 SMD.						
					插件位置: R2,R8,R9,R15,R34,		
					R35,R36,R48,R61,R70,		
90	281-035-1054	P	EA	2.0000	02/07/10	0.000	
	RES 1M 5% 1/10W 0603 SMD.						
					插件位置: R53,R17,		
100	281-035-1514	P	EA	1.0000	02/08/08	0.000	
	RES 150ohm +-5% 1/10W 0603 SMD						
					插件位置: R12,		
110	281-035-2034	P	EA	8.0000	02/07/10	0.000	
	RES 20K 5% 1/10W 0603 SMD.						
					插件位置: R56,R59,R78,R80,R84,		
					R87,R88,R90,		
120	281-035-2224	P	EA	7.0000	02/07/10	0.000	
	RES 2.2K 5% 1/10W 0603 SMD.						
					插件位置: R22,R25,R40,R41,R52,		

				R81,R83,		
130	281-035-3304	P EA	6.0000	02/07/10	0.000	
	RES 33ohm 5% 1/10W 0603 SMD.					插件位置: R3,R5,R47,R50,R51, L11,
140	281-035-3334	P EA	2.0000	02/07/10	0.000	
	RES 33K 5% 1/10W 0603 SMD.					插件位置: R85,R57,
150	281-035-4704	P EA	1.0000	02/07/10	0.000	
	RES 47ohm 5% 1/10W 0603 SMD.					插件位置: R72,
160	281-035-4724	P EA	8.0000	02/07/10	0.000	
	RES 4.7K 5% 1/10W 0603 SMD.					插件位置: R4,R11,R16,R19,R20, R28,R32,R39,
170	281-035-4734	P EA	2.0000	02/07/10	0.000	
	RES 47K 5% 1/10W 0603 SMD.					插件位置: R66,R77,
180	281-035-5104	P EA	2.0000	02/07/10	0.000	
	SMD R 0603 51ohm 5%.					插件位置: R68,R71,
190	281-035-5114	P EA	1.0000	02/07/10	0.000	
	RES 510 5% 1/10W 0603 SMD.					插件位置: R10,
200	281-035-7504	P EA	4.0000	02/07/10	0.000	
	SMD R 75 ohm 0603.					插件位置: R74,R75,R76,R1,
210	282-330-2454	P EA	14.0000	02/07/10	0.000	
	RES-NET 33ohm 5% SMD 8P4R.					插件位置: RP1,RP4,RP5,RP6,RP7, RP8,RP9,RP10,RP11, RP12,RP13,RP14,RP15, RP16,
220	282-472-2454	P EA	1.0000	02/07/10	0.000	
	RES-NET 4.7K 5% SMD 8P4R.					插件位置: RP3,
280	381-151-032554	P EA	1.0000	02/07/10	0.000	
	SMD CC 150PF 25V NPO 0603.					插件位置: C77,
290	381-220-032554	P EA	8.0000	02/07/10	0.000	
	SMD CC 22pF 25V NPO 0603.					插件位置: C17,C18,C56,C62,C70, C97,C98,C127,

300	381-301-032554	P EA	1.0000	02/07/10	0.000
	SMD CC NPO 25V 300PF 5% 0603.				
				插件位置: C68,	
310	381-330-032554	P EA	2.0000	02/07/10	0.000
	NPO 33PF/25V +-5% 0603 SMD				
				插件位置: C100,C131,	
330	382-103-032564	P EA	13.0000	02/07/10	0.000
	SMD CC 0.01uF/25V X7R 0603.				
				插件位置: C47,C50,C60,C72,C74,	
				C82,C86,C88,C90,C93,	
				C107,C110,C112,	
340	382-393-032564	P EA	1.0000	02/07/10	0.000
	SMD CC 0.039uF/25V X7R 0603.				
				插件位置: C84,	
350	382-472-035064	P EA	3.0000	02/07/10	0.000
	X7R 4700pF/50V +-10% 0603 SMD				
				插件位置: C87,C91,C94,	
360	382-682-035064	P EA	2.0000	02/07/10	0.000
	X7R 6800P/50V +-10% 0603SMD.				
				插件位置: C135,C99,	
370	385-104-032584	P EA	54.0000	02/07/10	0.000
	Y5V 0.1u/25V +80%-20% 0603				
				插件位置: C1,C2,C3,C4,C5,C7,	
				C8,C9,C10,C14,C15,	
				C16,C20,C21,C23,C24,	
				C25,C26,C28,C29,C33,	
				C36,C41,C43,C44,C45,	
				C46,C49,C51,C52,C53,	
				C54,C55,C57,C58,C61,	
				C63,C65,C66,C69,C78,	
				C83,C85,C89,C92,C95,	
				C96,C111,C115,C116,	
				C117,C118,C125,C126,	
380	385-105-031684	P EA	3.0000	02/07/10	0.000
	Y5V 1uF/16V +80%-20% 0603.				
				插件位置: C130,C132,C133,	
420	481-LCC-0440	P EA	1.0000	02/07/10	0.000
	SOCKET 44PIN PLCC.				
				插件位置: U2,	
460	506-0AI-C1084	P EA	1.0000	02/07/10	0.000
	SMD REG.AIC1084CM 3.3V 5A.				
				插件位置: U7,	
470	506-0AI-CX33	P EA	1.0000	02/07/10	0.000

	AIC1720-33 CX3.3V 100mA SOT89.				
480	506-0AP-4835 P EA APA4835RI/ANPEC AUDIO AMP.		插件位置: U12, 1.0000 02/07/10	0.000	
490	506-2AI-C1578 P EA IC DC TO DC IC.AIC1578(SMD).		插件位置: U14, 1.0000 02/07/10	0.000	
500	506-524-LC21 P EA MEMORY IC 24LC21 SMD.		插件位置: U11, 1.0000 02/07/10	0.000	
510	506-5NM-24C16 P EA 24C16 SO8 MEMORY IC SMD.		插件位置: U13, 1.0000 02/07/10	0.000	
520	506-774-LCX14 P EA 74LCX SOIC14 HI SPEED TTL SMD.		插件位置: U1, 1.0000 02/07/10	0.000	
530	506-800-358D P EA		插件位置: U10, 1.0000 02/07/10	0.000	
540	506-SMA-SCOT-V P EA SCALER CHIP MASCOT V MRT.		插件位置: U5, 1.0000 02/07/10	0.000	
550	518-02N-3904 P EA NPN 2N3904S(SMD).		插件位置: U8, 5.0000 02/07/10	0.000	
560	518-1CE-9435 P EA MOSFET CE9435A S08.		插件位置: Q1,Q2,Q3,Q4,Q5, 2.0000 02/07/10	0.000	
580	528-2BA-T54C P EA SMD DIODE BAT54C SOT23.		插件位置: U4,U9, 1.0000 02/07/10	0.000	
610	558-352-5000 P EA SMD FUSE 1206 24V 5A.		插件位置: Q6, 1.0000 02/07/10	0.000	
690	780-103-3000 P EA SMD BEAD SBK160808300Y0603 30□		插件位置: F1, 2.0000 02/07/10	0.000	
700	745-050-3072 P EA LINE COIL 5uH JBT0385 100805-4		插件位置: L13,L14, 1.0000 02/11/30	0.000	
720	630-030-9003 P EA 30P 0.5mm OMRON XF2H-3015-1.		1.0000 02/08/27	0.000	
730	630-045-9003 P EA		插件位置: CN6, 1.0000 02/08/27	0.000	

	45P 0.5mm OMRON XF2H-4515-1.				
740	780-103-8000A P EA	插件位置: CN3,	3.0000	02/09/06	0.000
	SMD BEAD FCM1608K-800T07 百微.				
750	780-103-3000A P EA	插件位置: L22,L23,L24,	3.0000	02/09/06	0.000
	BEAD FCM1608K-300T07				
760	780-107-1210H P EA	插件位置: L25,L26,L27,	4.0000	02/10/29	0.000
	MLB 321611-121 120 ohm 2000mA	ECN-2A0143			
20	851-00M-PS576 X EA	插件位置: L1,L6,L8,L18,	1.0000	02/08/26	0.000
	PS576 M/B FOR AU*5 PANEL DIP				
20	232-R02-505T P EA	插件位置: R43,	1.0000	02/07/10	0.000
	WR-C-5W 0.020ohm 5%卧式自插.				
230	330-100-16255 P EA	插件位置: C104,	1.0000	02/07/10	0.000
	5mm EC 10uF 16V 105C M TP MI.				
241	330-101-16255 P EA	插件位置: C101,C124,C37,C39,	7.0000	02/12/09	0.000
	5mm EC 100uF 16V 105C M TP MI.	C42,C64,C75,			ECN-2C0011
250	330-220-16255 P EA	插件位置: C22,	1.0000	02/07/10	0.000
	MINI CE 22uF/16V +-20% TP105°C				
260	330-221-16255 P EA	插件位置: C38,C40,C48,C59,	6.0000	02/07/10	0.000
	EC H:5mm 220uF16V +-20% 105C.	C119,C67,			
270	330-2R2-50255 P EA	插件位置: C123,	1.0000	02/07/10	0.000
	E.CAP 2.2UF/50V(4*5).				
390	409-003-0110 P EA	插件位置: CN12,	1.0000	02/07/10	0.000
	DC-JACK (SCD510CCS000B00/旭全)				
400	409-003-0111 P EA	插件位置: CN11,	1.0000	02/07/10	0.000
	紅 SCP606UNT2T0000 PIN JACK 旭全				
410	409-003-0112 P EA	插件位置: CN10,	1.0000	02/07/10	0.000
	白 SCP606UNT3T0000 PIN JACK 旭全				
440	504-000-6300L P EA		1.0000	02/07/10	0.000

RESET IC V6300L TD92.

插件位置: TU2,

取替代料:(504-000-MCP101)RESET IC MCP101-450HI/TO TO92. 取替代量: 1.00000

生效日期:02/08/03

450	504-007-A431	P EA	1.0000	02/07/10	0.000
	KIA431/KEC				

插件位置: TU3,

570	522-030-B340-T	P EA	1.0000	02/07/10	0.000
	SCHTTKY SB340 TP/金永裕.				

插件位置: D4,

590	531-110-49US	P EA	1.0000	02/07/10	0.000
	11.0592MHZ HC 49US CRYSTAL.				

插件位置: X1,

600	531-120-49US	P EA	1.0000	02/07/10	0.000
	12MHZ HC 49US CRYSTAL 30PPM.				

插件位置: X2,

620	630-002-1008	P EA	2.0000	02/07/10	0.000
	JWT A2001 PITCH 2.00mm 臥式 2P.				

插件位置: CN7,CN8,

630	630-006-1008	P EA	1.0000	02/07/10	0.000
	JWT A2001 PITCH 2.00mm 臥式 6P.				

插件位置: CN5,

640	630-008-C001	P EA	1.0000	02/07/10	0.000
	JST 1.5mm HEADER ZR 臥式 S8B-ZR.				

插件位置: CN2,

680	745-470-20621	P EA	1.0000	02/07/10	0.000
	CHOKE 47UH@3A(承翰).				

插件位置: L7,

690	152-000-SH570	P EA	1.0000	02/09/16	0.000
	TOSHIBA DC JACK SUPPORT NYLON.				

730	83X-000-LCDM	X EA	1.0000	02/10/10	0.000
	LCD MONITOR PCB 段輔料.				ECN-2A0041

10	830-002-0710A	P KG	0.0040	02/10/10	0.000
	焊錫條 63/37 厚昇.				

20	834-011-0009	P KG	0.0018	02/10/10	0.000
	助焊劑 8010 型 16kg/桶				

30	830-001-0800	P KG	0.0003	02/10/10	0.000
	焊錫絲 0.8mm 厚昇 1KG/卷				

40	833-014-0003	P KG	0.0001	02/10/10	0.000
	熱融膠 LB-1101 瞬利 UL-94V0.				

50	832-005-0002	P KG	0.0020	02/10/30	0.000
	稀釋劑(ECSB).				

740	330-331-06255	P EA	1.0000	02/10/14	0.000
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EC 330UF/6.3V +-20% 105°C

Φ8*5

				插件位置: C79,		
750	003-H03-LCD	P EA		1.1000	02/10/25	0.000
LCD 系列 LBL 13.5*8MM 白紙底膠				ECN-2A0115		
760	485-415-S070	P EA		1.0000	02/11/30	0.000
D-SUB 3R15 FEMALE 180D 6.8MM						
				插件位置: CN9,		
3	849-20S-5703	P EA		1.0000	02/05/27	0.000
INVETER 576 AU 2L 連達加線						
4	899-400-PS576	M EA		1.0000	02/05/27	0.000
PS576 CONTRONL/B						
10	200-701-PS576	P EA		1.0000	02/07/10	0.000
PS576 CONTROL KEY PCB						
	401-170-0220	P EA		5.0000	02/07/10	0.000
TACT SWITCH H5mm						
				插件位置: S1,S2,S3,S4,S5,		
30	520-005-0302-F	P EA		1.0000	02/07/10	0.000
LED LT0302-23(華興)彎 90 度.						
				插件位置: D1,		
40	630-008-C001	P EA		1.0000	02/07/10	0.000
JST 1.5mm HEADER ZR 臥式 S8B-ZR.						
				插件位置: J1,		
5	705-350-901A	P EA		1.0000	02/05/27	0.000
AU 15"LCD SLINL PANEL.						

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SPECIFICATION OF INVERTER (DIVTL0144-D21--)

11. PARTS LIST:

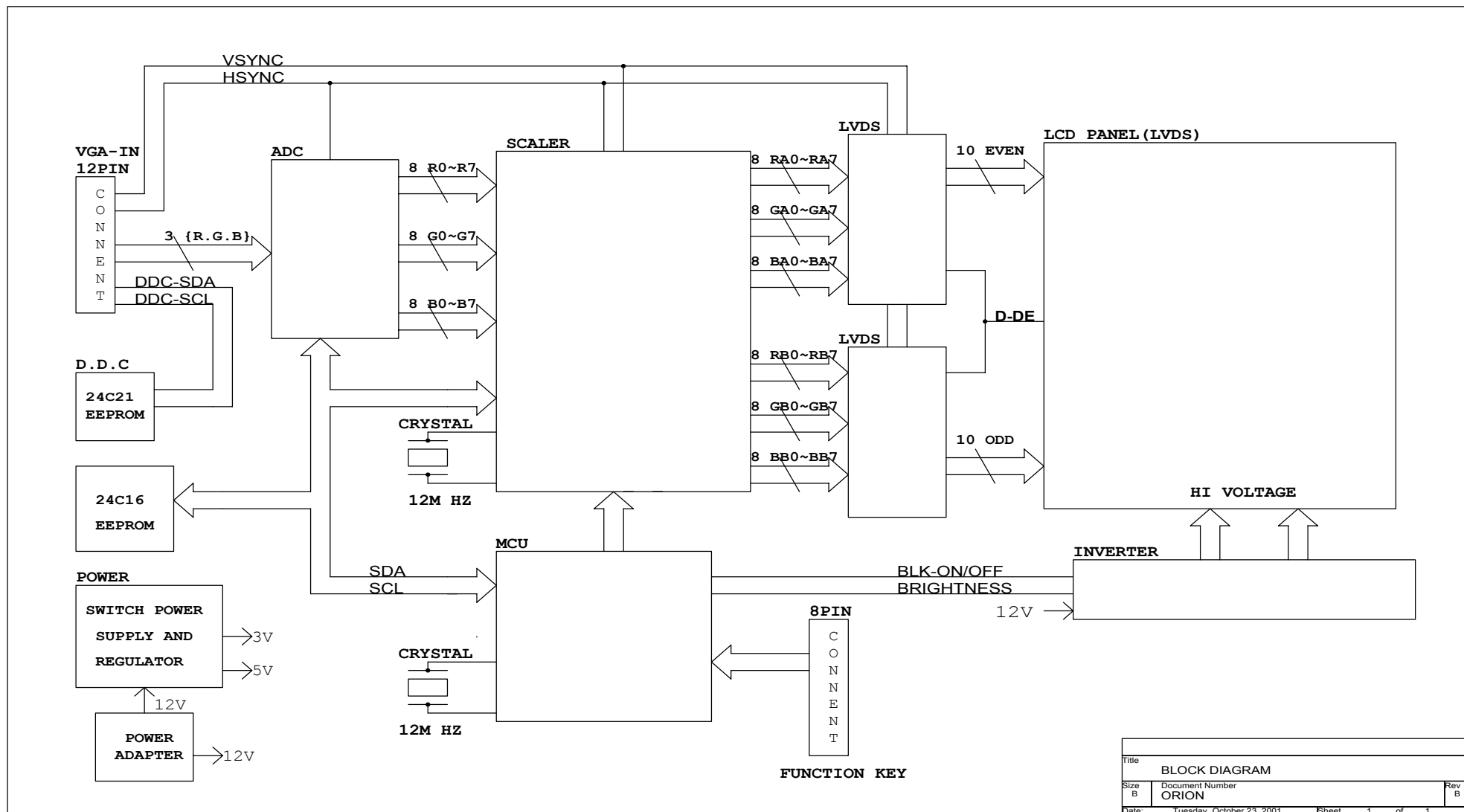
NO.	REF.	PART NAME	PART NUMBER	QTY	MAKER	REMARK
1.	CON1	CONNECTOR	GLS6B-PH	1	GLE,FCN,JST,CSE	
2.	CON2,3		SBHM-001T-P0.5	2	JST,AMP,CSE,GLE	
3.	R1	RESISTOR	0603 91K Ω 5%	1	YAGEO,TDK,PHILIPS	
4.	R4,23		0603 47K Ω 1%	2	YAGEO,TDK,PHILIPS	
5.	R5,15		0603 10K Ω 5%	2	YAGEO,TDK,PHILIPS	
6.	R6		0603 15K Ω 5%	1	YAGEO,TDK,PHILIPS	
7.	R7		0603 20K Ω 5%	1	YAGEO,TDK,PHILIPS	
8.	R8,25		0603 0 Ω 5%	2	YAGEO,TDK,PHILIPS	
9.	R9		0603 270K Ω 5%	1	YAGEO,TDK,PHILIPS	
10.	R10		0603 8.8K Ω 5%	1	YAGEO,TDK,PHILIPS	
11.	R11		0603 470 Ω 5%	1	YAGEO,TDK,PHILIPS	
12.	R12		0603 3.9K Ω 5%	1	YAGEO,TDK,PHILIPS	
13.	R13		0603 100 Ω 5%	1	YAGEO,TDK,PHILIPS	
14.	R14		0603 18K Ω 5%	1	YAGEO,TDK,PHILIPS	
15.	R16,17,18,19		1206 1K Ω 5%	4	YAGEO,TDK,PHILIPS	
16.	R20,21,22		0805 1K Ω 1%	3	YAGEO,TDK,PHILIPS	
17.	Q1	TRANSISTOR	DTC144WKA	1	ROHM	
18.	Q2		DTA144WKA	1	ROHM	
19.	Q3		SST3904 MMBT3904	1	ROHM MOTOROLA DIODES,SECOs	
20.	Q4		SST3906 MMBT3906	1	ROHM MOTOROLA DIODES,SECOs	
21.	Q5		9435A	1	VISHAY,CEM,SDM ST,SANYO	
22.	Q6,Q7		2SD2150	2	ROHM,ST,SANYO	
23.	C1	CAPACITOR	DIP EC 100 μ F/25V	1	NAKAMA,HERMEI, SANYO	
24.	C3		0805 X7R 0.1 μ F/50V	1	TDK,PHILIPS,YAGEO	
25.	C4		SMD 2.2 μ F/50V	1	LELON,TEAPO	
26.	C5		0805 X7R 0.001 μ F/25V	1	TDK,PHILIPS,YAGEO	
27.	C6		0805 X7R 0.22 μ F/25V	1	TDK,PHILIPS,YAGEO	
28.	C7,9,14		0805 Y5V 1 μ F/25V	3	TDK,PHILIPS,YAGEO	

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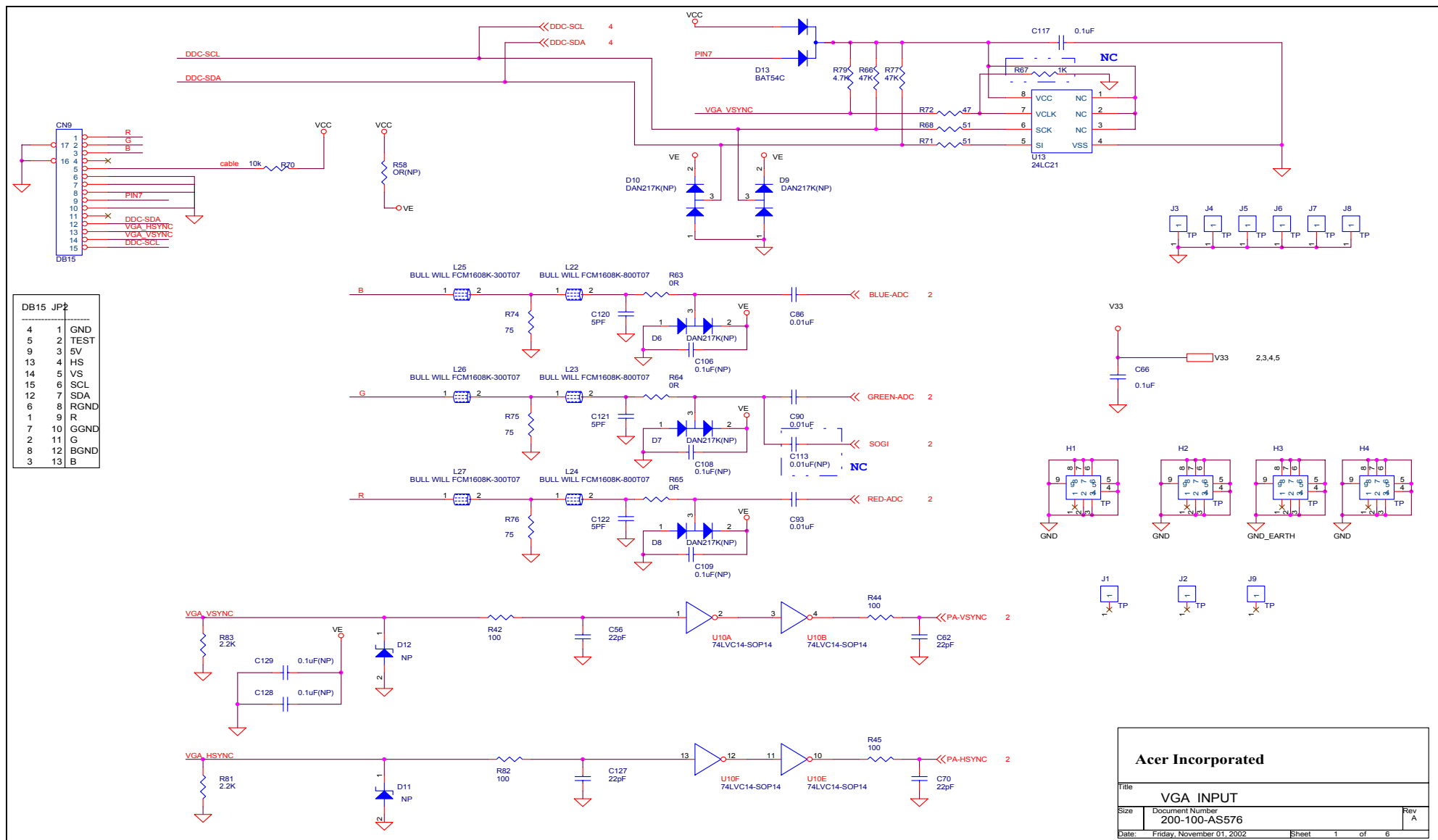
SPECIFICATION OF INVERTER (DIVTL0144-D21—)

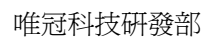
NO.	REF.	PART NAME	PART NUMBER	QTY	MAKER	REMARK
29.	C11	CAPACITOR	0.18 μ F/250V 0.18 μ F/100V	1	TAI YANG ARCO	
30.	C12,C13	"	22PF/3KV 10%	2	TDK,MURATA HOLY STONE	
31.	D1	DIODE	R8160L40 SM140A B140 SS14	1	ROHM SECOS DIODES TSC	
32.	D2	"	RLZ9.1B	1	ROHM,VISHAY	
33.	D3	"	DA204K BAV99-7	1	ROHM DIODES SECOS	
34.	F1	FUSE	2A/63V DC	1	BUSSMANN SAVE	Attachment Attachment
35.	L1	COIL	150 μ H 10%	1	YAO SHENG FRANCON CHILISIN	Attachment
36.	PT1	TRANS	YST-C910 SA-C910	1	YAO SHENG SAMPO	Attachment
37.	IC	IC	SMD BA9741	1	ROHM	
38.	PCB	PCB	QPWBGL8621DG—	1	DM,CY,ES,J-3	

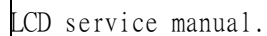
I. BLOCK DIAGRAM

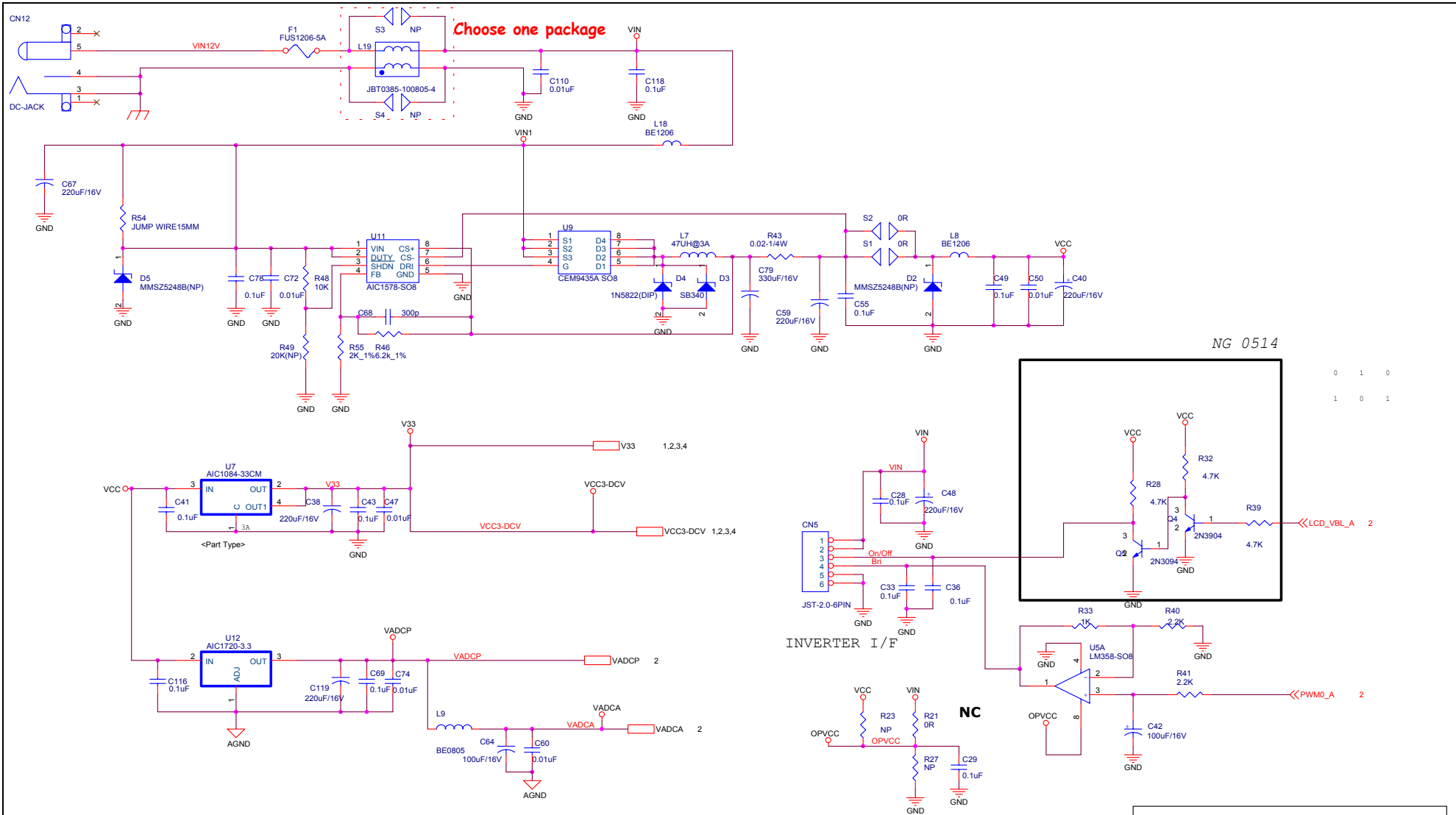


J. SCHEMATIC DIAGRAM

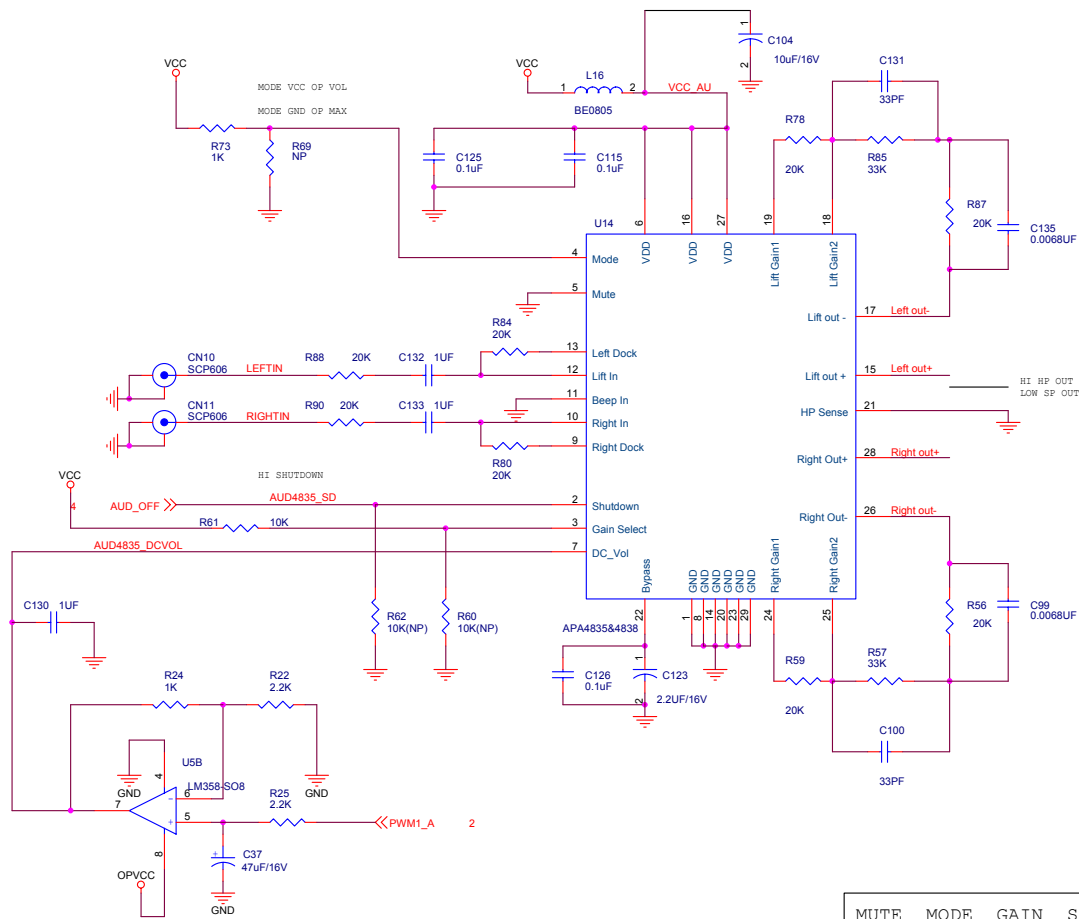




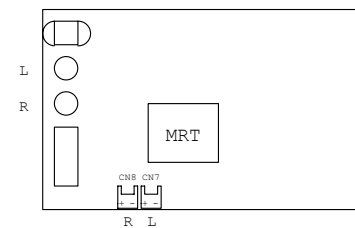




Acer Incorporated			
Title POWER SUPPLY			
Size	Document Number 200-100-AS576	Rev A	
Date: Friday, November 01, 2002	Sheet 5	of 6	



MUTE	MODE	GAIN	SDWN	HPS
0	1	1	0	0



SAMPO CORPORATION
SPECIFICATION OF INVERTER (D1VTL0144-D21--)

7. CIRCUIT DIAGRAM:

