

XL795D

Service Manual

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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 **Xerox** branch office if you need help.

A. IMPORTANT SAFETY INSTRUCTION

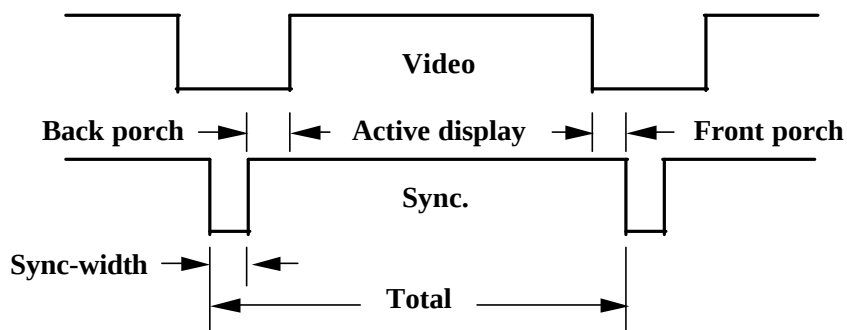
Prior to using this service manual,please ensure that you have carefully followed all the procedures outlined in the user's manual for this product.

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 tablle.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	1280 x 1024 @ 75Hz
2. Recommend Resolution	1280 x 1024 @ 60Hz
3. Synchronization Range Horizontal Vertical	31 – 80 KHz 60– 75 Hz
4. Active Display Area	376mm (H) x 301mm (V)
5. Dot Pitch	0.294(H) x 0.294(V) mm
6. Support display colors	16.7M color
7. Contrast Ratio (Typical)	600
8. Luminance of White	250cd/m ²
9. Bandwidth	135MHz
10. User Control	4 Key Switch
11. OSD Function	Brightness, Contrast, H-Pos, V-Pos, H. Size, Phase, Color Select, Auto, Reset, Language, OSD Adjust, Exit
12. View Angle CR=5 Horizontal Vertical	85 , 85 Degrees 85 , 85 Degrees
13. Power Source	100 – 240 Vac 60 / 50 Hz
14. Power Consumption	60W (max.)
15. Connection Type	15 Pin D Type / DVI
16. Input Signal Video Sync.	Analog R.G.B. , 0.7Vp-p / 75 Ohms TTL level, positive or negative polarity
17. Color Temperature	Cool / Natural / Warm
18. Dimension (WxHxD) Set Packing	484mm x 500mm x 150mm 420mm x 428mm x 170mm
19. Monitor Weight	7.3Kg / 6.1Kg
20. Base Operation Tilt	0 / + 15 degree
21. Power Saving ON STAND BY OFF	< 60W < 5W < 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. V_{DD} from PC for DDC 10. Sync. Ground 11. Ground 12. SDA (For DDC) 13. Horizontal Sync. 14. Vertical Sync. 15. SCL (For DDC)
23. Audio signal	3.5F stereo phone jack 2.5+2.5W 8Ω Speaker

C.TIMING CHART

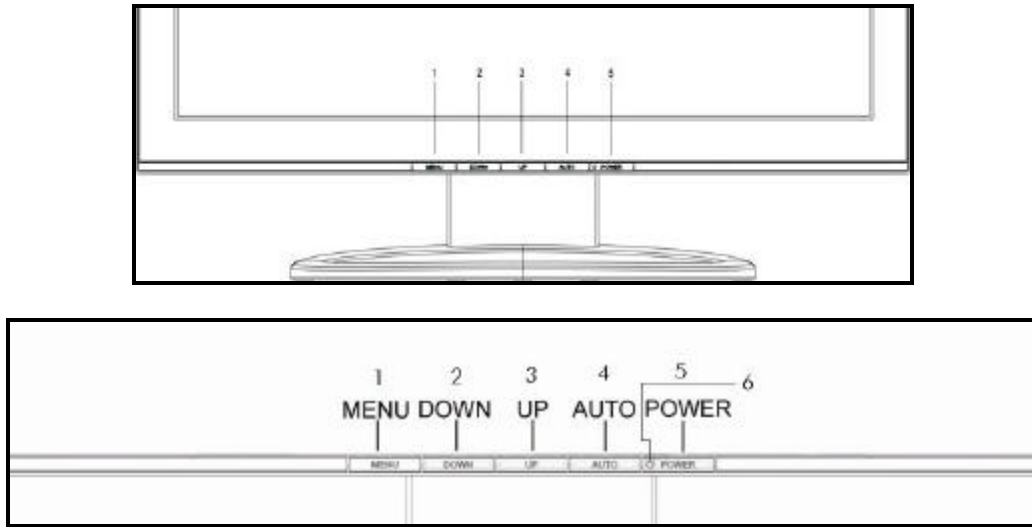


Preset Modes	VGA 720X400	VGA 640X480	VESA 640X480	VESA 640X480	VESA 800X600	VESA 800X600	VESA 800X600
Pixel clock (MHz)	28.325	25.175	31.500	31.500	36.000	40.000	50.000
H-Frequency (KHz)	31.472	31.469	37.861	37.500	35.156	37.879	48.077
H-Total (μs)	31.774	31.778	26.413	26.667	28.444	26.400	20.800
H-Active Display (μs)	25.419	25.422	20.317	20.317	22.222	20.000	16.000
H-Blanking (μs)	6.355	6.356	6.095	6.349	6.222	6.400	4.800
Front Porch (μs)	0.635	0.636	0.762	0.508	0.667	1.000	1.120
H-Sync-width (μs)	3.813	3.813	1.270	2.032	2.000	3.200	2.400
H-Back Porch (μs)	1.906	1.907	4.063	3.810	3.556	2.200	1.280
V-Frequency (Hz)	70.1	59.94	72.81	75.0	56.25	60.3	72.2
V-Total (ms)	14.267	16.683	13.735	13.333	17.778	16.579	13.853
V-Active Display (ms)	12.710	15.253	12.678	12.800	17.067	15.840	12.480
V-Blanking (ms)	1.557	1.430	1.057	0.533	0.711	0.739	1.373
V-Front Porch (ms)	0.413	0.318	0.238	0.027	0.028	0.026	0.770
V-Sync-width (ms)	0.064	0.064	0.079	0.080	0.057	0.106	0.125
V-Back Porch (ms)	1.080	1.049	0.740	0.427	0.626	0.607	0.478
H/V Sync. Polarity	- +	- -	- -	- -	+ +	+ +	+ +
Interlace	NONE	NONE	NONE	NONE	NONE	NONE	NONE

Modes \ Preset	VESA 800X600	VESA 1024X768	VESA 1024X768	VESA 1024X768	VESA 1280X1024	VESA 1280X1024
Pixel clock (MHz)	49.500	65.000	75.000	78.750	108.00	135.00
H-Frequency (KHz)	46.875	48.363	56.476	60.023	63.981	79.976
H-Total (µs)	21.333	20.677	17.707	16.660	15.630	12.540
H-Active Display (µs)	16.162	15.754	13.563	13.003	11.852	9.481
H-Blanking (µs)	5.172	4.923	4.053	3.657	3.778	3.022
Front Porch (µs)	0.323	0.369	0.320	0.203	0.444	0.119
H-Sync-width (µs)	1.616	2.092	1.813	1.219	1.037	1.067
H-Back Porch (µs)	3.232	2.462	1.920	2.235	2.296	1.837
V-Frequency (Hz)	75.0	60.0	70.1	75.0	60.0	75.0
V-Total (ms)	13.333	16.666	14.272	13.328	16.661	13.329
V-Active Display (ms)	12.800	15.880	13.599	12.795	16.005	12.804
V-Blanking (ms)	0.533	0.786	0.673	0.533	0.656	0.525
V-Front Porch (ms)	0.021	0.062	0.053	0.017	0.016	0.013
V-Sync-width (ms)	0.064	0.124	0.106	0.050	0.047	0.038
V-Back Porch (ms)	0.448	0.600	0.513	0.466	0.594	0.475
H/V Sync. Polarity	+ +	- -	- -	+ +	+ +	+ +
Interlace	NONE	NONE	NONE	NONE	NONE	NONE

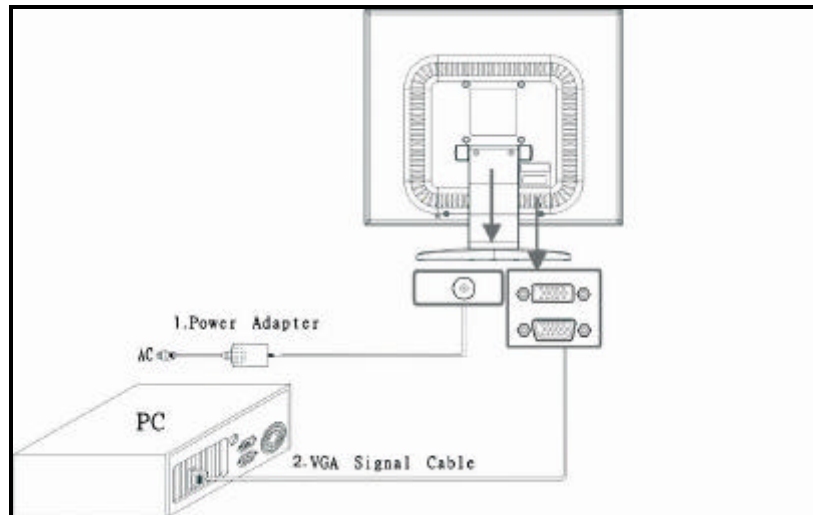
D. CONTROL LOCATION

Font control panel



- | | |
|-------------------------|-------------------------|
| 1. Menu button (MENU) | 4. Auto button (AUTO) |
| 2. Select button (DOWN) | 5. Power button (POWER) |
| 3. Select button (UP) | 6. Power Indicator |

Rear panel

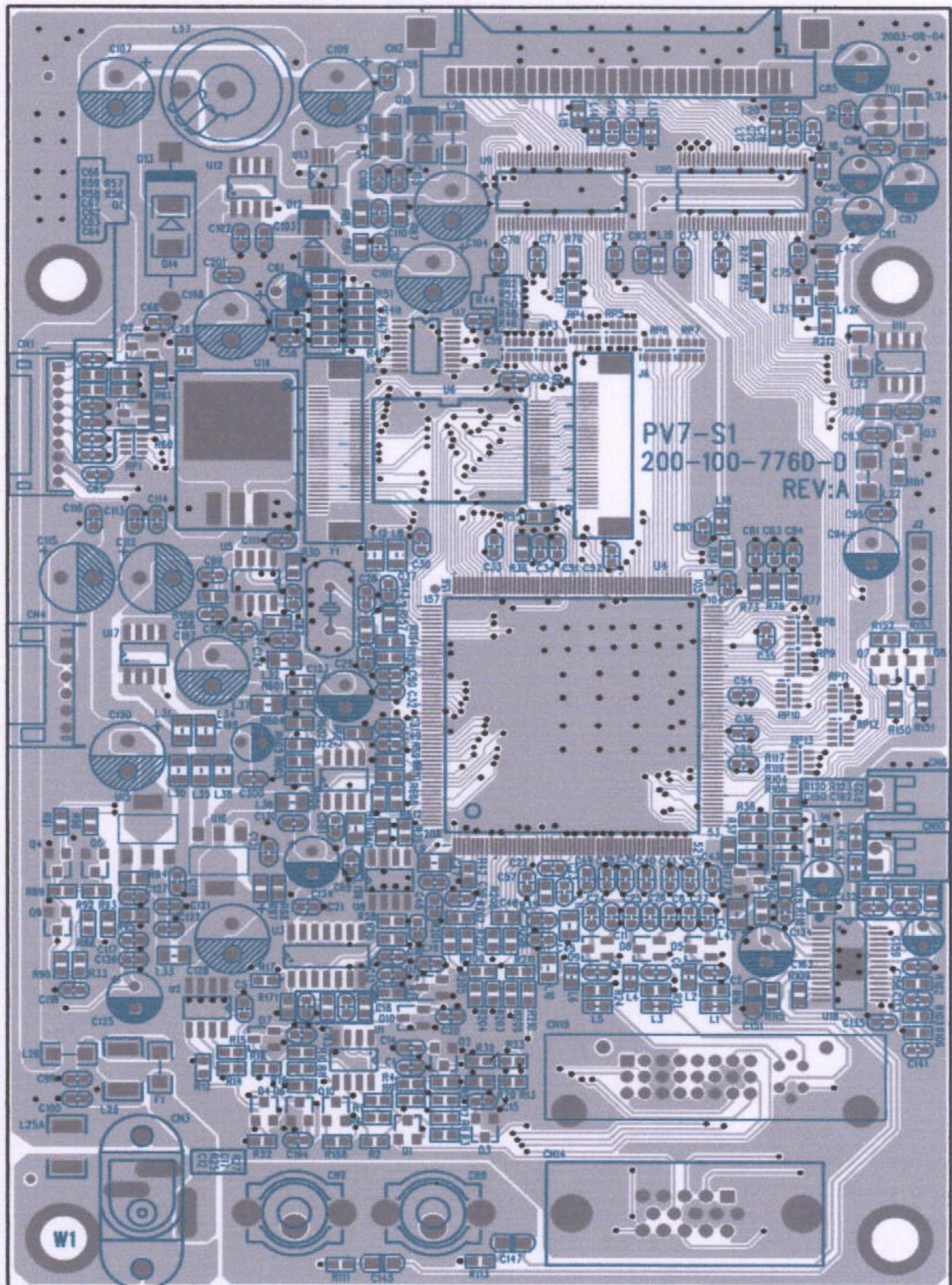


The rear panel of the monitor includes 3 plug-in connectors. They are as follows:

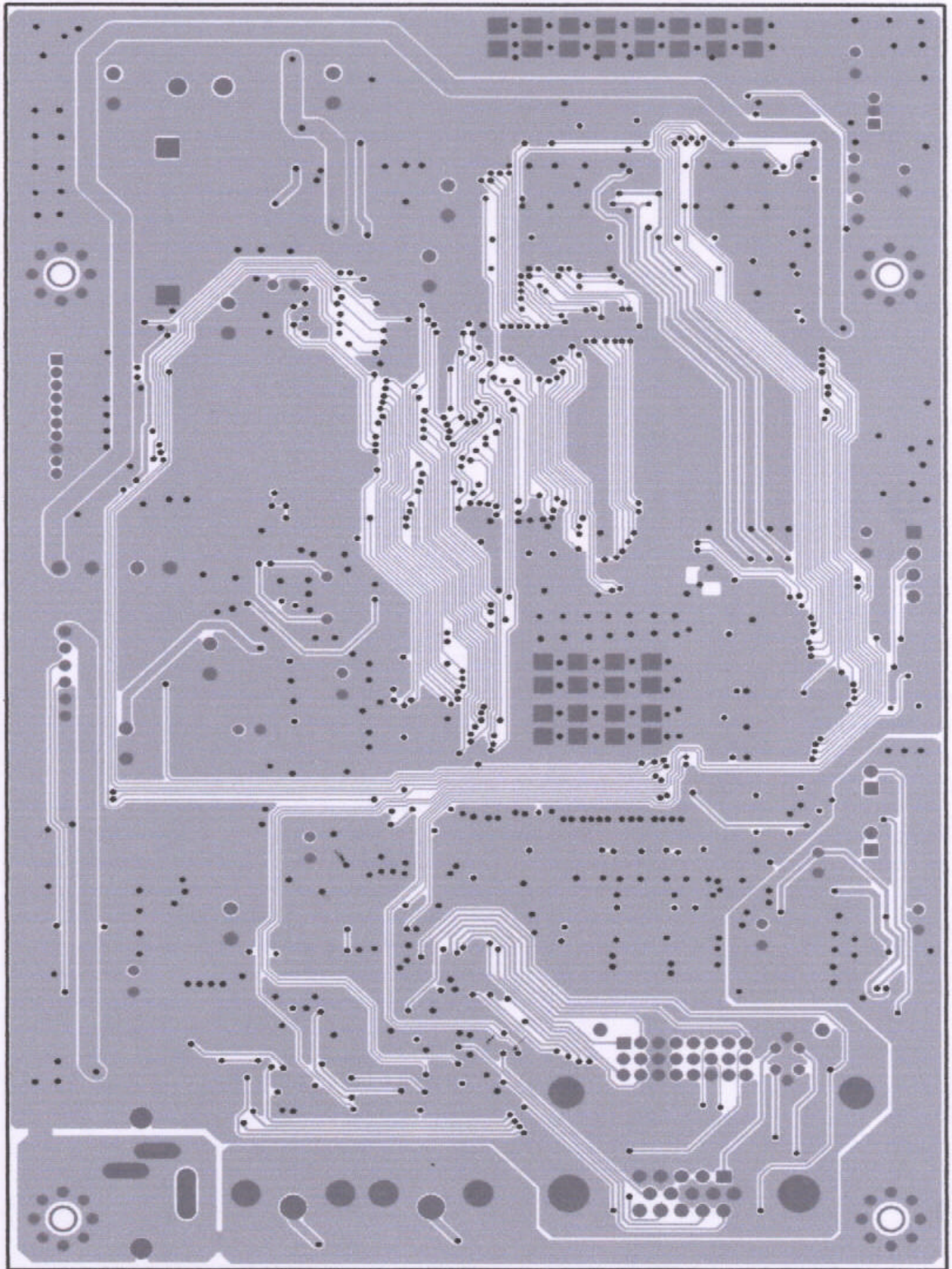
1. One DC IN connector
2. Two VGA Signal (DVI / D-sub) IN connectors

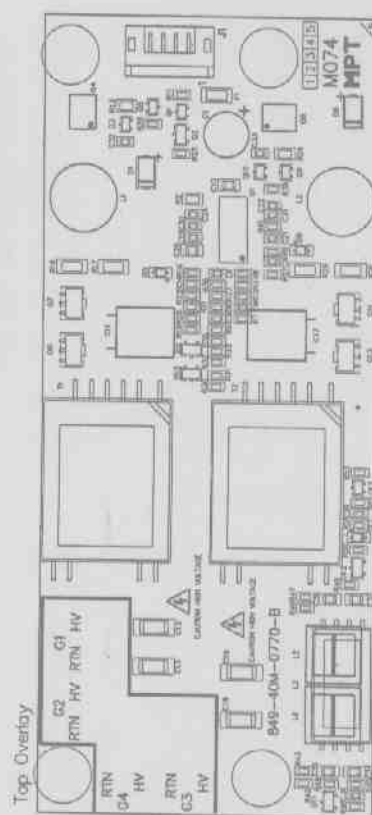
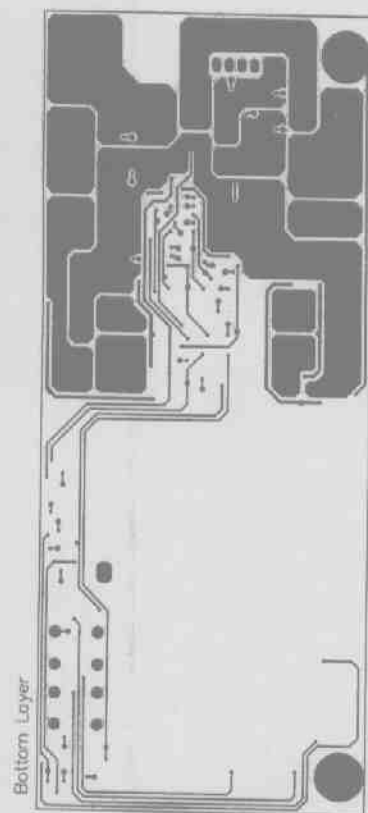
E. CONDUCTION VIEW

MAIN BOARD (Component Side)



MAIN BOARD (Component Side)

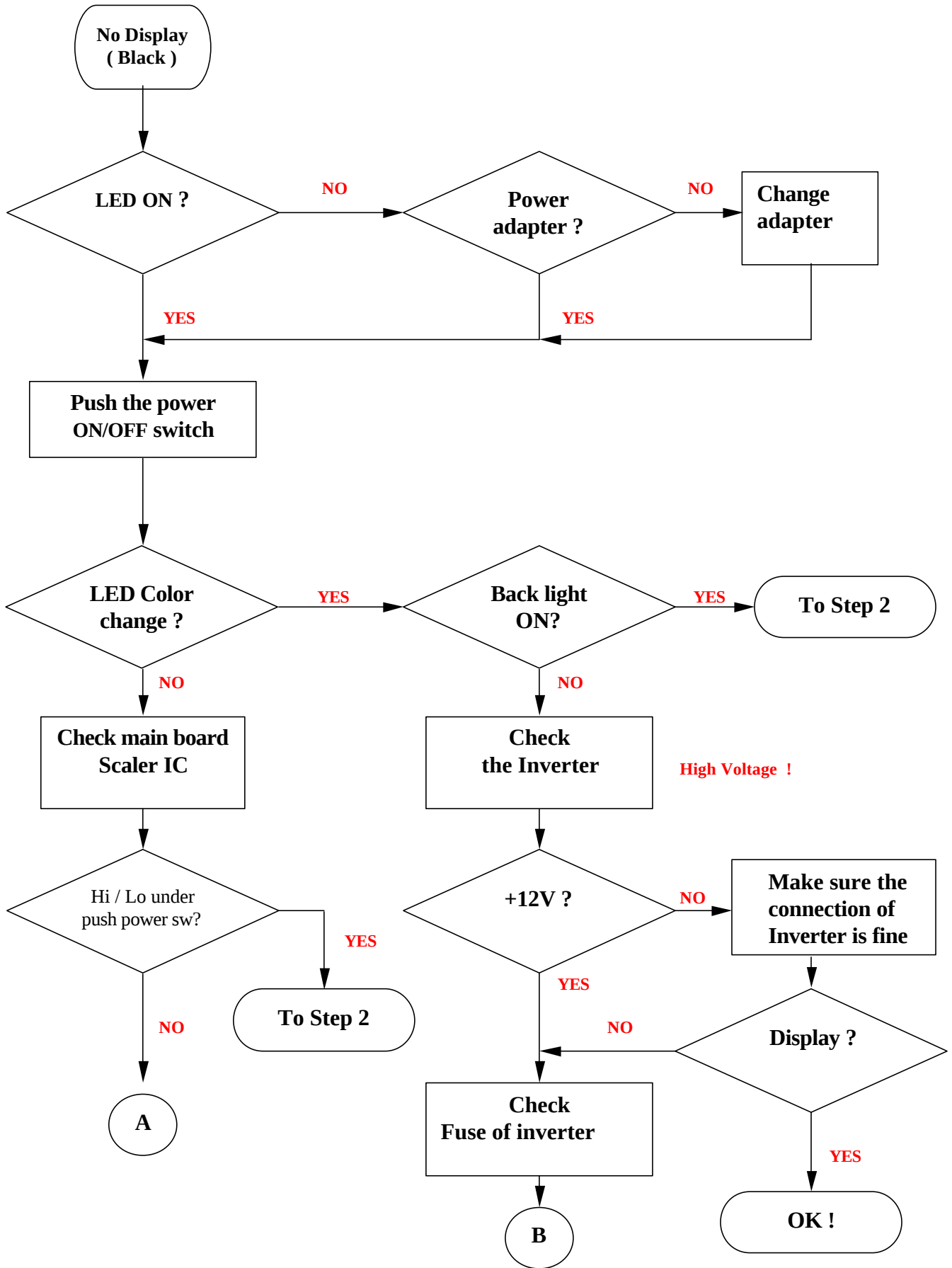


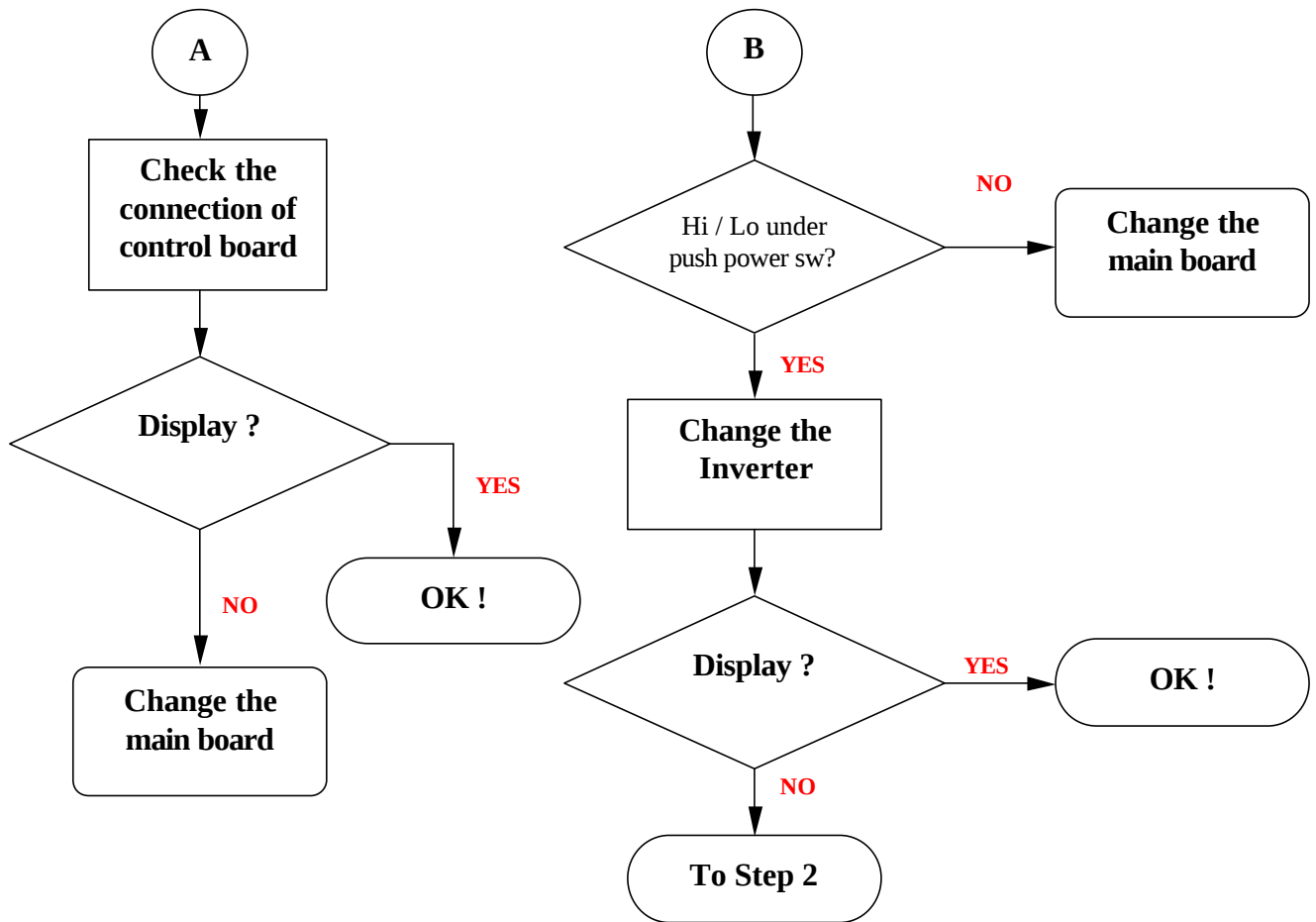
[illegible]

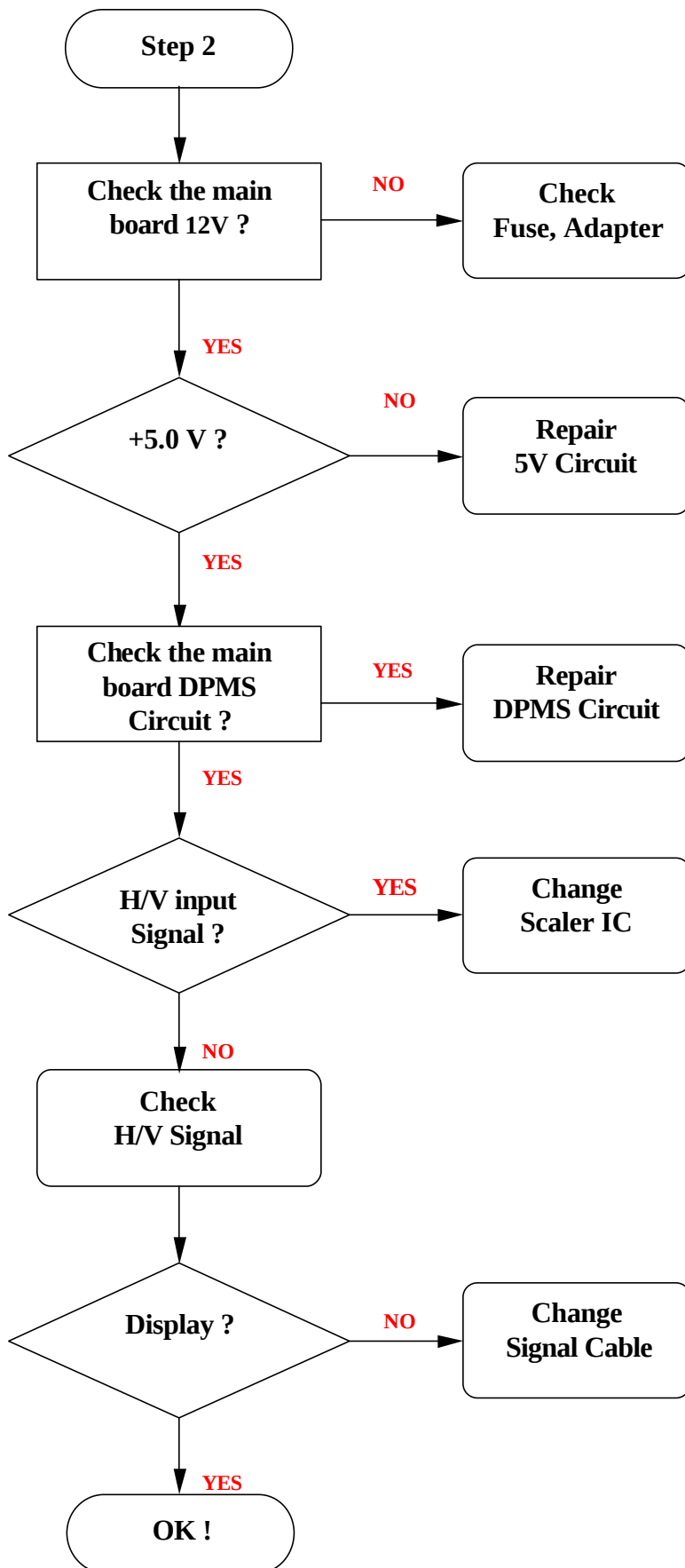
F. ADJUSTMENT PROCEDURE

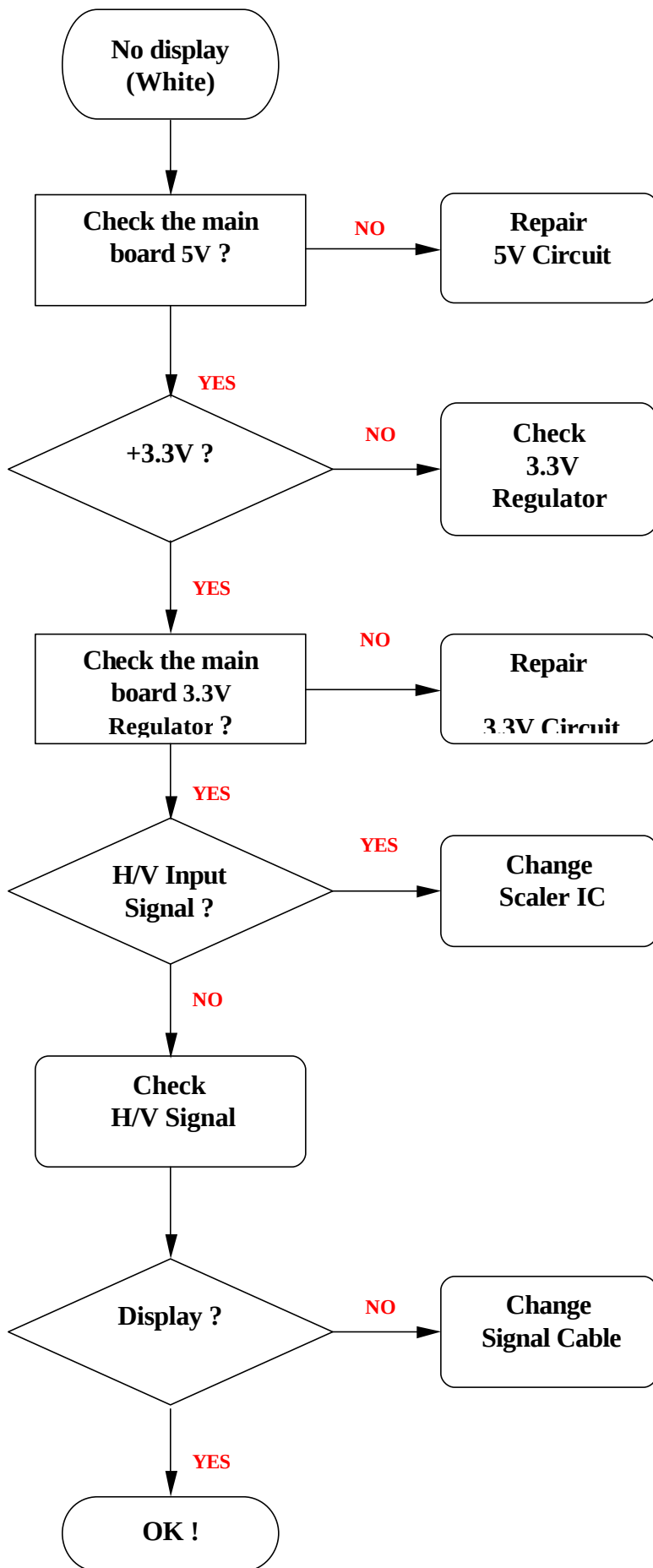
ITEM Program Menu.		# Test Meter * Test Point @ Pattern	Operation	Check Value
A	B+ Check	# Digital Voltmeter * CN7 @ Crosshatch Pattern (31.5KHz,640x480)	1. Plug power cable into the adapter, check adapter power indicator light up green. 2. Make sure the voltage of the power plug (CN7) on the main PCB 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.	< 2.5W
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 right. $Y = 220 \pm 0.1FL$ $x = 0.283 \pm 0.01$ $y = 0.297 \pm 0.01$ 3. set color is 7500°K using the OSD, Check the value shown at right. $Y = 220 \pm 0.1FL$ $x = 0.299 \pm 0.01$ $y = 0.315 \pm 0.01$ 4. set color is 6500°K using the OSD, Check the value shown at right. $Y = 220 \pm 0.1FL$ $x = 0.313 \pm 0.01$ $y = 0.329 \pm 0.01$	
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

NO	Parts No.	Description	Part Location	Qty
1	988-A05-1000	GA980DL XEROX SET Color : 877C+K2440		1
2	154-500-976D-A	19" 976D protection cover	For bezel	1
3	160-52L-980DL	GA-980DL Polyfoam L		1
4	160-52R-980DL	GA-980DL Polyfoam R		1
5	170-001-LCD5-1	LCD15" PE Bag		1
6	170-005-VM541	LT-541 PE BAG 夾鏈袋 300*200mm.		1
7	170-500-AS776	BASE BAG 360*360mm 0.03t		1
8	170-500-PS776D	PS776D DC LINE BAG 200*340		1
9	600-151-1500	Power cable 1.8M		1
10	600-151-15R22	D-Sub 15Pin Signal cable		1
11	846-120-E0AL-SA	Adapter LSE 60W	DC12V,5A	1
12	003-H01-AS576	TCO99 Label		1
13	002-001-TCO9	TCO99 Declaration		1
14	610-151-19R2A5	DVI-D Signal cable 1.5M		1
15	003-000-ALL-1	Bar Code Label 110X50MM		1
16	002-002-ODOC-A	FCC DOC Declaration	PROVIEW	1
17	002-G50-980DL	XEROX Warranty card		1
18	005-500-980DL	GA980DL XEROX Carton		1
19	002-U50-980DL	GA-980DL XEROX English user manual		1
20	153-500-980DL	GA-980DL XEROX Back Label		1
21	999-XF0-GA980DL	GA980DL XEROX ass'y	Color : 877C+K2440	1
22	899-400-GA980DL	GA-980DL Control Board Ass'y		1
23	200-701-GA780	Control PCB		1
24	401-270-0205	Tact SW 2P 6*3.5 TSHB-2P	S1,,S2,,S3,,S4,,S5,,	5
25	630-008-C001	JST 1.5mm HEADER ZR S8B-ZR	J1,	1
26	622-10A-1001	Jumper 0.56D 10mm(PTS)	JP1,,JP2,,JP3,,	3
27	520-005-L317-F	LED 3D2P	D1,,	1
28	631-001-4060	4.3D+107#18 BLK 75mm+TIN2.5	Control+Ground wire	2
29	705-590-950F	19" FUJ I FLC48SXC8V-10		1
30	849-40M-0770-C	PS976 Inverter		1
31	899-000-GA980DL-U	GA-980DL Main Board Ass'y Fujitsu		1
32	200-100-776D-C	Main Board		1

NO	Parts No.	Description	Part Location	Q'ty
33	281-031-20014	SMD R 2K 1% 0603	R87.,	1
34	281-031-62014	SMD R 6.2K 0603	R86.,	1
35	281-035-0R04	SMD R 0 ohm 5% 0603	R154.,R155.,L1.,L2.,L3.,L4.,L5.,L6., L7.,R17.,L19.,R5.,R7.,R36.,R71., R75.,R88.,R55.,R13.,R23.,	20
36	281-035-1014	RES 100 5% 1/10W 0603	R25.,R26.,R27.,R28.,	4
37	281-035-1024	RES 1K 5% 1/10W 0603	R60.,R61.,	2
38	281-035-1044	RES 100K 5% 1/10W 0603	R44.,	1
39	281-035-1554	SMD R 0603 1.5 Mohm	R43.,	1
40	281-035-2704	SMD R 27ohm 5% 0603	R200.,R201.,R203.,R204., R206.,R207.,R209.,R210.,	8
41	281-035-2734	SMD R 27K 0603	R96.,	1
42	281-035-3014	SMD R 300 ohm 0603	R95.,R98.,	2
43	281-035-3304	SMD R 33 ohm 0603	R608.,R611.,R612.,L18.,R58., R59.,R73.,R76.,R77.,	9
44	281-035-3314	SMD R 0603 330 ohm	R56.,R57.,	2
45	281-035-3324	SMD R 3.3K 0603 1/10W 5%.	R35.,R39.,R40.,	3
46	281-035-4704	SMD R 47 ohm 0603	R18.,R19.,R6.,R8.,R9.,	5
47	281-035-4724	SMD R 4.7 K 0603	R2.,R33.,R78.,R81.,R89.,R91.,R92., R93.,R150.,R152.,R153.,R158.,	12
48	281-035-4734	SMD R 47K 0603	R3.,R4.,R41.,R12.,R14.,	5
49	281-035-5614	SMD R 560 ohm 0603	R42.,	1
50	281-035-6814	SMD R 0603 680ohm	R97.,R94.,	2
51	281-035-7504	SMD R 75 ohm 0603	R202.,R205.,R208.,R211.,R16.,R21., R24.,	7
52	281-035-7534	SMD R 75K 0603	R84.,	1
53	282-330-2454	SMD R ARRAY 33 ohm 1206	RP1.,RP2.,RP3.,RP4.,RP5.,RP6.,RP7., RP8.,RP9.,RP10.,RP11.,RP12.,RP13.,	13
54	330-100-16255	5mmEC 10uF 16V 105C M TP	C195.,C125.,	2
55	330-101-16255	5mmEC 100uF 16V 105C M TP	C85.,C94.,C97.,C123.,C129.,	5
56	330-220-16255	EC 22uF 16V 4*5 105C	C91.,	1
57	330-221-16255	EC H:5mm 220uF 16V 105C M	C104.,C107.,C109.,C112.,C115.,C120., C128.,C197.,C198.,C101.,	10
58	381-180-032554	CMD CC NPO 18pF 25V 0603	C28.,C29.,	2
59	381-220-032554	SMD CC 22pF 25V NPO 0603	C12.,C13.,C18.,C19.,C80.,C81.,	6
60	381-301-032554	SMD CC NPO 25V 300PF 5% 0603	C110.,	1
61	381-5R0-032554	SMD NPO 5P 25V 0603	C2.,C6.,C9.,	3
62	382-102-032564	SMD CC 1000pF/25V X7R 0603	C26.,	1
63	382-103-032564	SMD CC 0.01uF/25V X7R 0603	C501.,C75.,C99.,C103.,C106.,C114., C122.,C124.,C130.,C10.,	10
64	382-392-032564	X7R 3900pF 10% 25V 0603	C22.,	1

NO	Parts No.	Description	Part Location	Q'ty
65	382-392-032564	SMD CC 0.039uF 25V X7R 0603	C22.,	1
66	382-393-032564	SMD CC 0.047uF 25V X7R 0603	C23.,	1
67	382-473-032564	SMD CC 0.047uF 25V X7R 0603	C24.,C25.,C27.,	3
68	385-104-032584	SMD CC 0.1uF 25V Y5V 0603	C5.,C193.,C194.,C1.,C4.,C8.,C11.,C14., C15.,C16.,C20.,C21.,C30.,C31.,C32., C33.,C34.,C35.,C36.,C37.,C38.,C39., C40.,C41.,C42.,C43.,C44.,C45.,C46.,C47., C48.,C49.,C50.,C51.,C52.,C53.,C54., C55.,C56.,C57.,C58.,C59.,C60.,C62., C63.,C64.,C65.,C66.,C67.,C68.,C69., C70.,C71.,C72.,C73.,C74.,C76.,C77., C78.,C79.,C86.,C92.,C93.,C95.,C96., C98.,C100.,C102.,C105.,C108.,C111., C113.,C116.,C117.,C118.,C119.,C121., C126.,C127.,C131.,C199.,C200.,C201.,	83
69	409-003-0110	DC Jack 3.5D SCD510	CN3.,	1
70	483-002-104S6	Connector Pin Pitch 2.54mm 1*4 Pin	J2.,	1
71	485-415-S070	D-SUB 3R15 180D H6.8 Blue	CN14.,	1
72	485-D25-S118	DVI-D connector 11.40mm	CN15.,	1
73	506-0AI-C1084	SMD REG. AIC1084CM 3.3V 5A	U14.,	1
74	506-0CS-5828	SMD 85M LVDS CS5828+TQFP56	U9.,U10.,	2
75	506-1LM-3485	LM3485/NS MSOP-8	U13.,	1
76	506-524-LC21	Memory IC 24LC21 SMD	U2.,U1.,	2
77	506-5EN-29LV8	Flash 8M EN29LV800T-70RTC/EON	U6.,	1
78	506-5NM-24C16	Linear OC NM24C16M-8 (SMD)	U8.,	1
79	506-774-LCX14	SMD Hi Speed TTL 74LCX14	U3.,	1
80	506-774-LCX541	74LCX541 TSSOP-20 FAIRCHILD	U7.,	1
81	506-CPW-131A-20	Scaler IC PW131A-20Q	U4.,	1
82	506-RLD-1117-A	LD1117-ADJ-A UTC SOT223	U15.,U16.,	2
83	518-02N-3904	TR. 2N3904 SMD	Q1.,Q2.,Q3.,Q4.,Q5.,Q7.,Q8.,Q9.,	8
84	518-02N-3906	SMD TR 2N3906	Q10.,	1
85	518-1CE-9435	MOSFET CE9435A CO8	U11.,U12.,U17.,	3
86	522-030-B340-T	SCHOTTKY SB340 TP	D14.,	1
87	528-2BA-T54C	SMD Diode BAT54C SOT23	D4.,D1.,	2
88	529-350-05R6	SMD Zener 5.6V MMSZ5232B	D15.,	1
89	531-143-49US	XTAL 14.318Mhz LC=16pF 49US	Y1.,	1
90	558-352-5000	SMD Fuse 1206 24V 5A	F1.,	1
91	630-006-1008	Base 6P JWT A2001 Pitch 2	CN4.,	1
92	630-008-C001	JST 1.5mm HEADER ZR S8B-ZR	CN1.,	1

NO	Parts No.	Description	Part Location	Q'ty
93	630-030-8001	Connector 125HR(DF14) 30P1.25 SMD	CN2.,	1
94	745-330-2062-3	33uH C4426-060128YB-UL	L27.,	1
95	780-103-3000	SMD BEAD SBK160808-300Y	L13.,L14.,L15.,L16.,L17.,L20.,	6
96	780-104-6010	SMD Bead SBK-201209T-601Y-S	L199.,L21.,L29.,L30.,L31.,L32.,L35., L36.,L37.,L38.,	10
97	780-107-121K50	Bead 120ohm 1206 5A FBM-11	L22.,L24.,L26.,L28.,	4
98	780-112-8000	Bead HCB4532K-800T60 80ohm6A	L25.,	1
99	781-220-0462	L 0805 22uH CL201212T-220K	L8.,L9.,L10.,L11.,L12.,	5
100	152-000-SH570	TOSHIBA DC Jack Support NYLON	CN3.,	1
101	281-035-2224	SMD R 2.2K 0603	R171.,R29.,R69.,	3
102	281-035-1034	RES 10K 5% 1/10W 0603	R15.,R212.,R22.,R45.,R46., R47.,R48.,R49.,R50.,R51.,R52., R62.,R80.,R601,R605,	15
103	506-XMK-1707	展頻 IC MK1707/ICS SOIC-8	U22.,	1
104	902-GA0-A000	GA980DL XEROX Color : 877C+K2440		1
105	151-A00-Q906A	GA980DL Front bezel	ABS HB K2440	1
106	121-500-980D	GA980DL Rear Plate SECC1.0		1
107	123-001-776DT-A	Connector Cover		1
108	154-002-782S4	GA980DL Tuner Cover	Color : 877C	1
109	154-001-GA580S4	GA980DL Key Top	Color : 877C	1
110	154-500-980DL	GA-980DL CR Bar L	Color : 877C	1
111	154-501-980DL	GA-980DL CR Bar R	Color : 877C	1
112	154-002-GA580	GA-980DL LED Lens		1
113	928-200-980DL	GA980DL Glass 2.8t +AG XEROX		1
114	540-600-976DA	Insulation	For Panel back side	1
115	540-700-1976	Mylar Film AS/PS976 0.2t		1
116	540-600-976DB	Insulation	Rear Plate inside	1
117	154-502-980DL	GA-980DL PVC film 0.3t		1
118	126-500-976D	976D Hinge		1
119	123-500-0980	AL Base 980/PS976D	Color : 877C	1
120	155-001-PS576-A	GA980DL Cushion		5
121	106-006-4033-1	Screw I4*6 ISO		2
122	107-005-3032	Screw B3*5 ISO		6
123	107-006-3032	Screw B M3xL6 ISO		2
124	107-008-3032	Screw M3xL8 ISO		2
125	103-008-4033	Screw F3*8 NI		1
126	101-009-3013	Screw P3*L9mm TP1		2

NO	Parts No.	Description	Part Location	Q'ty
127	101-010-4033-1	Screw P4*10 ISO		2
128	132-300-PS576	Base Screw Assy		1
129	106-012-6033	Screw M6 L 12mm		1
130	132-001-PS576-A	Springe		1
131	631-030-J976	30P 1.25-1.0 130mm		1
132	631-006-7008-A	Wire 150mm		1
133	126-030-ALP4	AL Foil 200x30mm		2
134	126-030-ALP7	AL Foil W30*L90mm		1
135	126-030-ALP	AL Foil 150x30mm		1
136	631-008-G976	8P1.5 220mm+CORE 加 SHIELD+GND		1
137	101-010-3012	Screw P3*L10mm TP1		10
138	105-008-3012	Screw T3*8mm TP1		3
139	831-411-00405	Sponge 11x405.2x2mm		2
140	831-411-00323	Sponge 11x323.5x2mm		2
141	123-507-976D	AL Neck	Color : 877C	1
142	123-502-976D	NECK		1
143	151-051-980DL	GA-980DL XEROX rear cover		1
144	109-950-0950	Screw	For D-SUB Connector	2
145	109-948-1000	Screw	For D-SUB Connector	2

PARTS LIST M074-3

SYM	PART NUMBER	DESCRIPTION	QUANT	ITEM NO.	MFRS.	INS.
C1	25MV100SGX+TS	CAPACTOR	1.	C01-004S	SANYO	
C3	C1608X7R1H104KT	OR CAPACTOR	1.	C03-102T	TDK	
	GRM39X7R104K50			C03-102U	MURATA	
C4	C1608X7R1H104KT	OR CAPACTOR	1.	C03-102T	TDK	
	GRM39X7R104K50			C03-102U	MURATA	
C6	C1608X7R1H104KT	OR CAPACTOR	1.	C03-102T	TDK	
	GRM39X7R104K50			C03-102U	MURATA	
C8	C1608X7R1H681KT	OR CAPACTOR	1.	C03-082T	TDK	
	GRM39X7R681K50			C03-082U	MURATA	
C10	C2012Y5V1C225ZT	CAPACTOR	1.	C03-446T	TDK	
C11	RSBEC3150DQJ	CAPACTOR	1.	C02-015R	ARCO	
C12	302R29N300JV4E	OR CAPACTOR	1.	C04-467J	JOHANSON	
	C1808N300J302T			C04-467H	HOLY STONE	
C13	302R29N300JV4E	OR CAPACTOR	1.	C04-467J	JOHANSON	
	C1808N300J302T			C04-467H	HOLY STONE	
C15	C1608X7R1H104KT	OR CAPACTOR	1.	C03-102T	TDK	
	GRM39X7R104K50			C03-102U	MURATA	
C17	RSBEC3150DQJ	CAPACTOR	1.	C02-015R	ARCO	
C18	302R29N300JV4E	OR CAPACTOR	1.	C04-467J	JOHANSON	
	C1808N300J302T			C04-467H	HOLY STONE	
C19	302R29N300JV4E	OR CAPACTOR	1.	C04-467J	JOHANSON	
	C1808N300J302T			C04-467H	HOLY STONE	
C21	C1608X7R1H104KT	OR CAPACTOR	1.	C03-102T	TDK	
	GRM39X7R104K50			C03-102U	MURATA	
C22	C1608X7R1H104KT	OR CAPACTOR	1.	C03-102T	TDK	
	GRM39X7R104K50			C03-102U	MURATA	
C24	C1608X7R1H104KT	OR CAPACTOR	1.	C03-102T	TDK	
	GRM39X7R104K50			C03-102U	MURATA	
C29	C2012Y5V1C225ZT	CAPACTOR	1.	C03-446T	TDK	
C30	C1608Y5V1A105ZT	OR CAPACTOR	1.	C03-487T	TDK	
	GRM39Y5V105Z10			C03-476U	MURATA	
C31	C1608Y5V1A105ZT	OR CAPACTOR	1.	C03-487T	TDK	
	GRM39Y5V105Z10			C03-476U	MURATA	
C32	C1608X7R1H104KT	OR CAPACTOR	1.	C03-102T	TDK	
	GRM39X7R104K50			C03-102U	MURATA	
C33	C1608X7R1H104KT	OR CAPACTOR	1.	C03-102T	TDK	
				MODEL	M074-3	DATE
				DRAWN	<i>Linlin</i>	07/24/03
				DESIGNED	<i>kon</i>	07/24/03
				LEADER	<i>[Signature]</i>	07/24/03
				MANAGER	<i>[Signature]</i>	07/24/03
REV.	DATE	DESCRIPTION	DESIGNED	APV.	MULTIPAL TECHNOLOGY CORP.	
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PARTS LIST M074-3

SYM	PART NUMBER	DESCRIPTION	QUANT	ITEM NO.	MFRS.	INS.
C33	GRM39X7R104K50	CAPACTOR	1.	C03-102U	MURATA	
C34	N.A					
C35	N.A					
C36	C1608X7R1H104KT	OR CAPACTOR	1.	C03-102T	TDK	
	GRM39X7R104K50			C03-102U	MURATA	
C37	N.A					
C38	N.A					
C39	N.A					
R2	RC0805FR-220R	OR RESISTOR	1.	R02-034Y	YAGEO	
	RMC10P2200F			R02-034K	KAMAYA	
R3	RC0603FR-10K	OR RESISTOR	1.	R01-077Y	YAGEO	
	RMC16P1002F			R01-077K	KAMAYA	
R6	RC0603FR-100K	OR RESISTOR	1.	R01-102Y	YAGEO	
	RMC16P1003F			R01-102K	KAMAYA	
R7	RC0603FR-100K	OR RESISTOR	1.	R01-102Y	YAGEO	
	RMC16P1003F			R01-102K	KAMAYA	
R8	N.A					
R9	RC0603FR-10K	OR RESISTOR	1.	R01-077Y	YAGEO	
	RMC16P1002F			R01-077K	KAMAYA	
R10	RC0603FR-10K	OR RESISTOR	1.	R01-077Y	YAGEO	
	RMC16P1002F			R01-077K	KAMAYA	
R11	RC0603FR-10K	OR RESISTOR	1.	R01-077Y	YAGEO	
	RMC16P1002F			R01-077K	KAMAYA	
R13	RC0805FR-1K	OR RESISTOR	1.	R02-052Y	YAGEO	
	RMC10P1001F			R02-052K	KAMAYA	
R16	RC0603FR-33K	OR RESISTOR	1.	R01-088Y	YAGEO	
	RMC16P3302F			R01-088K	KAMAYA	
R17	RC1206FR-2.2K	OR RESISTOR	1.	R03-059Y	YAGEO	
	RMC14P2201F			R03-059K	KAMAYA	
R18	RC1206FR-2.2K	OR RESISTOR	1.	R03-059Y	YAGEO	
	RMC14P2201F			R03-059K	KAMAYA	
R19	N.A					
R20	RC0603FR-91K	OR RESISTOR	1.	R01-101Y	YAGEO	
	RMC16P9102F			R01-101K	KAMAYA	
R21	RC0603FR-100K	OR RESISTOR	1.	R01-102Y	YAGEO	
	RMC16P1003F			R01-102K	KAMAYA	
				MODEL	M074-3	DATE
				DRAWN	<i>Kevin</i>	07/24/03
				DESIGNED	<i>Kon</i>	03/24/03
				LEADER	<i>John</i>	03/14/03
				MANAGER	<i>John</i>	03/14/03
REV.	DATE	DESCRIPTION	DESIGNED	APV.		
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SYM	PART NUMBER	DESCRIPTION	QUANT	ITEM NO.	MFRS.	INS.
R22	RC0603FR-51K	OR RESISTOR	1.	R01-093Y	YAGEO	
	RMC16P5102F			R01-093K	KAMAYA	
R23	RC0603FR-47K	OR RESISTOR	1.	R01-092Y	YAGEO	
	RMC16P4702F			R01-092K	KAMAYA	
R24	RC0805FR-1K	OR RESISTOR	1.	R02-052Y	YAGEO	
	RMC10P1001F			R02-052K	KAMAYA	
R27	RC0603FR-33K	OR RESISTOR	1.	R01-088Y	YAGEO	
	RMC16P3302F			R01-088K	KAMAYA	
R28	RC1206FR-2.2K	OR RESISTOR	1.	R03-059Y	YAGEO	
	RMC14P2201F			R03-059K	KAMAYA	
R29	RC1206FR-2.2K	OR RESISTOR	1.	R03-059Y	YAGEO	
	RMC14P2201F			R03-059K	KAMAYA	
R30	N.A					
R31	RC0603FR-91K	OR RESISTOR	1.	R01-101Y	YAGEO	
	RMC16P9102F			R01-101K	KAMAYA	
R32	RC0603FR-100K	OR RESISTOR	1.	R01-102Y	YAGEO	
	RMC16P1003F			R01-102K	KAMAYA	
R33	RC0603FR-51K	OR RESISTOR	1.	R01-093Y	YAGEO	
	RMC16P5102F			R01-093K	KAMAYA	
R34	RC0603FR-110K	OR RESISTOR	1.	R01-103Y	YAGEO	
	RMC16P1103F			R01-103K	KAMAYA	
R35	RC0603FR-110K	OR RESISTOR	1.	R01-103Y	YAGEO	
	RMC16P1103F			R01-103K	KAMAYA	
R36	RC0603FR-10K	OR RESISTOR	1.	R01-077Y	YAGEO	
	RMC16P1002F			R01-077K	KAMAYA	
R37	RC0603FR-10K	OR RESISTOR	1.	R01-077Y	YAGEO	
	RMC16P1002F			R01-077K	KAMAYA	
R38	RC0603FR-120R	OR RESISTOR	1.	R01-029Y	YAGEO	
	RMC16P1200F			R01-029K	KAMAYA	
R39	RC0603FR-120R	OR RESISTOR	1.	R01-029Y	YAGEO	
	RMC16P1200F			R01-029K	KAMAYA	
R40	N.A					
R41	N.A					
R42	RC0603FR-1K	OR RESISTOR	1.	R01-052Y	YAGEO	
	RMC16P1001F			R01-052K	KAMAYA	
R43	RC0603JR-0R	OR RESISTOR	1.	R01-001Y	YAGEO	
				MODEL	M074-3	DATE
				DRAWN	<i>Liobh</i>	07/22/03
				DESIGNED	<i>Ken</i>	03/24/03
				LEADER	<i>Ken</i>	03/24/03
				MANAGER	<i>Ken</i>	03/24/03
REV.	DATE	DESCRIPTION	DESIGNED	APV.	EPLAM0743	
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SYM	PART NUMBER	DESCRIPTION	QUANT	ITEM NO.	MFRS.	INS.
R43	RMC16P0R00	RESISTOR	1.	R01-001K	KAMAYA	
R44	RC0603FR-100K	RESISTOR	1.	R01-102Y	YAGEO	
	RMC16P1003F			R01-102K	KAMAYA	
R45	RC0603FR-100K	RESISTOR	1.	R01-102Y	YAGEO	
	RMC16P1003F			R01-102K	KAMAYA	
R46	RC0603FR-47K	RESISTOR	1.	R01-092Y	YAGEO	
	RMC16P4702F			R01-092K	KAMAYA	
R47	RC0603FR-1K	RESISTOR	1.	R01-052Y	YAGEO	
	RMC16P1001F			R01-052K	KAMAYA	
R48	RC0603JR-0R	RESISTOR	1.	R01-001Y	YAGEO	
	RMC16P0R00			R01-001K	KAMAYA	
R49	RC0603FR-100K	RESISTOR	1.	R01-102Y	YAGEO	
	RMC16P1003F			R01-102K	KAMAYA	
R50	RC0603FR-100K	RESISTOR	1.	R01-102Y	YAGEO	
	RMC16P1003F			R01-102K	KAMAYA	
R51	RC0603JR-0R	RESISTOR	1.	R01-001Y	YAGEO	
	RMC16P0R00			R01-001K	KAMAYA	
R52	N.A					
R53	RC0603JR-0R	RESISTOR	1.	R01-001Y	YAGEO	
	RMC16P0R00			R01-001K	KAMAYA	
J1	JS-1125R-06	CONNECTOR	1.	J01-002Y	CHYAO SHIUNT	
	JH2-20-0648			J01-002B	FCN	
G1	89999-MP36	CABLE	1.	G02-005C	ACES	
	C007			G02-005J	JST	
	P8201043			G02-005L	LANDWIN	
	WT0066-01			G02-005T	TKP	
G2	89999-MP36	CABLE	1.	G02-005C	ACES	
	C007			G02-005J	JST	
	P8201043			G02-005L	LANDWIN	
	WT0066-01			G02-005T	TKP	
G3	89999-MP36	CABLE	1.	G02-005C	ACES	
	C007			G02-005J	JST	
	P8201043			G02-005L	LANDWIN	
	WT0066-01			G02-005T	TKP	
G4	89999-MP36	CABLE	1.	G02-005C	ACES	
	C007			G02-005J	JST	
				MODEL	M074-3	DATE
				DRAWN	<i>Lida</i>	07/24/03
				DESIGNED	<i>Ken</i>	03/13/03
				LEADER	<i>John</i>	03/24/03
				MANAGER	<i>John</i>	03/24/03
REV.	DATE	DESCRIPTION	DESIGNED	APV.	MULTIPAL TECHNOLOGY CORP.	
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SYM	PART NUMBER	DESCRIPTION	QUANT	ITEM NO.	MFRS.	INS.
G4	P8201043	OR CABLE	1.	G02-005L	LANDWIN	
	WT0066-01			G02-005T	TKP	
F1	3216FF-4A	OR FUSE	1.	F01-015B	BUSSMANN	
	C1Q4A	OR		F01-015E	BEL	
	TR/1206FA 4A			F01-015P	PICO	
B1	M074-3	OR PCB	1.	B02-074Y-3/5	CHIAN YOU	
	M074-3	OR		B02-074P-3/5	POL	
	M074-3	OR		B02-074G-3/5	GLOBAL FLEX	
	M074-3			B02-074E-3/5	CHEER TIME	
T1	T08118	OR TRANSFORMER	1.	T02-033T	TMP	
	TME011925065			T02-033R	TRANSMORE	
T2	T08118	OR TRANSFORMER	1.	T02-033T	TMP	
	TME011925065			T02-033R	TRANSMORE	
L1	91-14360009	OR INDUCTOR	1.	L01-023E	STAR	
	RCP1008-476M			L01-023S	STAR	
L2	91-14360009	OR INDUCTOR	1.	L01-023E	STAR	
	RCP1008-476M			L01-023S	STAR	
L3	N.A					
L4	TME02059L	OR INDUCTOR	1.	L01-053R	TRANSMORE	
	XE-83100-320			L01-053X	XTREME	
L5	TME02059L	OR INDUCTOR	1.	L01-053R	TRANSMORE	
	XE-83100-320			L01-053X	XTREME	
U1	BA9741FP-E2	IC	1.	U02-005R	ROHM	
D1	SS24	OR DIODE	1.	D02-004W	ZOWIE	
	SMA240LV			D02-002F	FCI	
D3	UDZS TE-1713B	OR DIODE	1.	D03-018R	ROHM	
	KDZ13V			D03-018K	KEC	
D5	MA157A	OR DIODE	1.	D01-002P	PANASONIC	
	DAN217 T146	OR		D01-002R	ROHM	
	BAV99	OR		D01-002H	PHILIPS	
	KDS226			D01-002K	KEC	
D6	SS24	OR DIODE	1.	D02-004W	ZOWIE	
	SMA240LV			D02-002F	FCI	
D8	UDZS TE-1713B	OR DIODE	1.	D03-018R	ROHM	
	KDZ13V			D03-018K	KEC	
D10	MA157A	OR DIODE	1.	D01-002P	PANASONIC	
				MODEL	M074-3	DATE
				DRAWN	<i>[Signature]</i>	07/12/03
				DESIGNED	<i>[Signature]</i>	03/12/03
				LEADER	<i>[Signature]</i>	03/12/03
				MANAGER	<i>[Signature]</i>	03/12/03
REV.	DATE	DESCRIPTION	DESIGNED	APV.		
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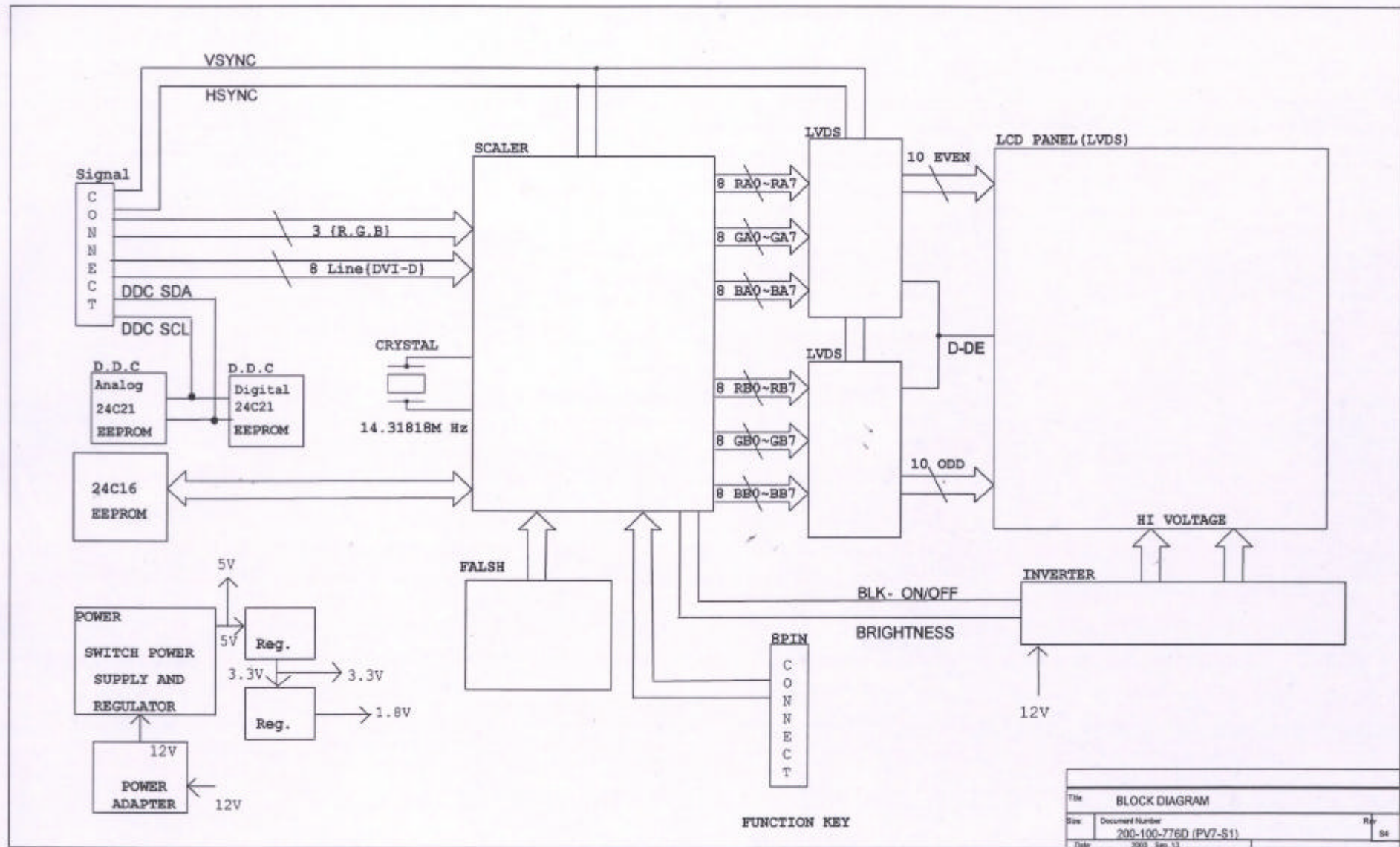
PARTS LIST M074-3

SYM	PART NUMBER	DESCRIPTION	QUANT	ITEM NO.	MFRS.	INS.
D10	DAN217 T146 OR	DIODE	1.	D01-002R	ROHM	
	BAV99 OR			D01-002H	PHILIPS	
	KDS226			D01-002K	KEC	
D11	MA157A OR	DIODE	1.	D01-002P	PANASONIC	
	BAV99 OR			D01-002H	PHILIPS	
	KDS226 OR			D01-002K	KEC	
	DAN217 T146			D01-002R	ROHM	
D12	MA157A OR	DIODE	1.	D01-002P	PANASONIC	
	DAN217 T146 OR			D01-002R	ROHM	
	BAV99 OR			D01-002H	PHILIPS	
	KDS226			D01-002K	KEC	
D13	UDZS TE-1713B OR	DIODE	1.	D03-018R	ROHM	
	KDZ13V			D03-018K	KEC	
Q1	DTC114EUA T106 OR	TRANSISTOR	1.	Q02-002R	ROHM	
	KRC402			Q02-002K	KEC	
Q2	KRA224S OR	TRANSISTOR	1.	Q01-006K	KEC	
	DTB114EKT146			Q01-006R	ROHM	
Q3	2SC4081R T106 OR	TRANSISTOR	1.	Q02-001R	ROHM	
	2SD1819A-R-TX(TW)			Q02-001P	PANASONIC	
Q4	CEM9435A OR	TRANSISTOR	1.	Q03-002C	CET	
	FSS140-TL OR			Q03-002Y	SANYO	
	SI9435DY-T1			Q03-002I	SILICONIX	
Q5	2SA1576AR T106 OR	TRANSISTOR	1.	Q01-001R	ROHM	
	2SB1218A-R/S-TX(TW)			Q01-001P	PANASONIC	
Q6	2SD1624T-TD OR	TRANSISTOR	1.	Q02-006Y	SANYO	
	KTD1624C			Q02-006K	KEC	
Q7	2SD1624T-TD OR	TRANSISTOR	1.	Q02-006Y	SANYO	
	KTD1624C			Q02-006K	KEC	
Q8	CEM9435A OR	TRANSISTOR	1.	Q03-002C	CET	
	FSS140-TL OR			Q03-002Y	SANYO	
	SI9435DY-T1			Q03-002I	SILICONIX	
Q9	2SC4081R T106 OR	TRANSISTOR	1.	Q02-001R	ROHM	
	2SD1819A-R-TX(TW)			Q02-001P	PANASONIC	
Q10	2SA1576AR T106 OR	TRANSISTOR	1.	Q01-001R	ROHM	
	2SB1218A-R/S-TX(TW)			Q01-001P	PANASONIC	
Q11	2SD1624T-TD OR	TRANSISTOR	1.	Q02-006Y	SANYO	
				MODEL	M074-3	DATE
				DRAWN	<i>Liola</i>	07/22/03
				DESIGNED	<i>Kon</i>	07/24/03
				LEADER	<i>st</i>	03/24/03
				MANAGER	<i>st</i>	03/24/03
REV.	DATE	DESCRIPTION	DESIGNED	APV.		
MULTIPAL TECHNOLOGY CORP.				EPLAM0743	PAGE 6/7	

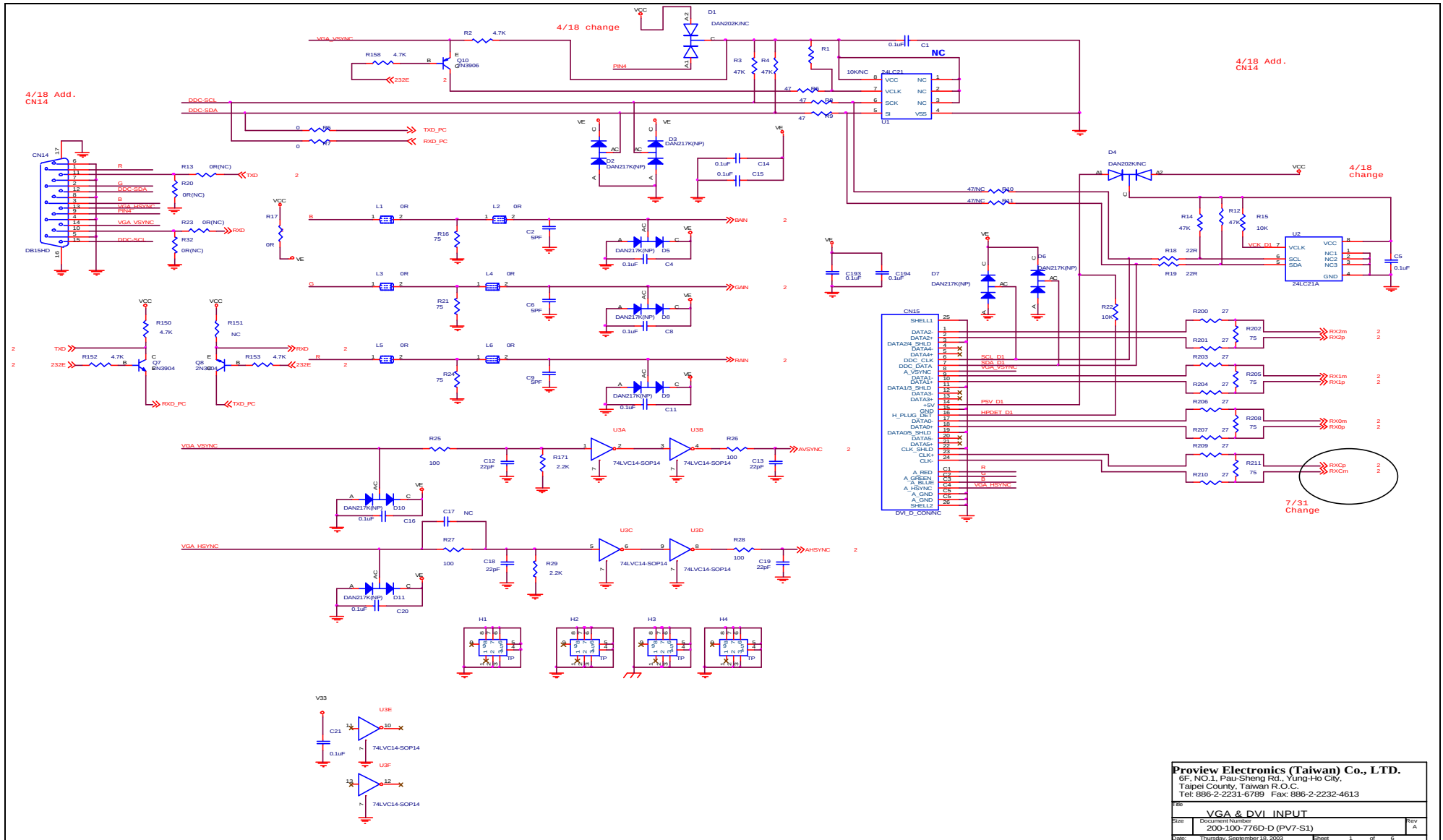
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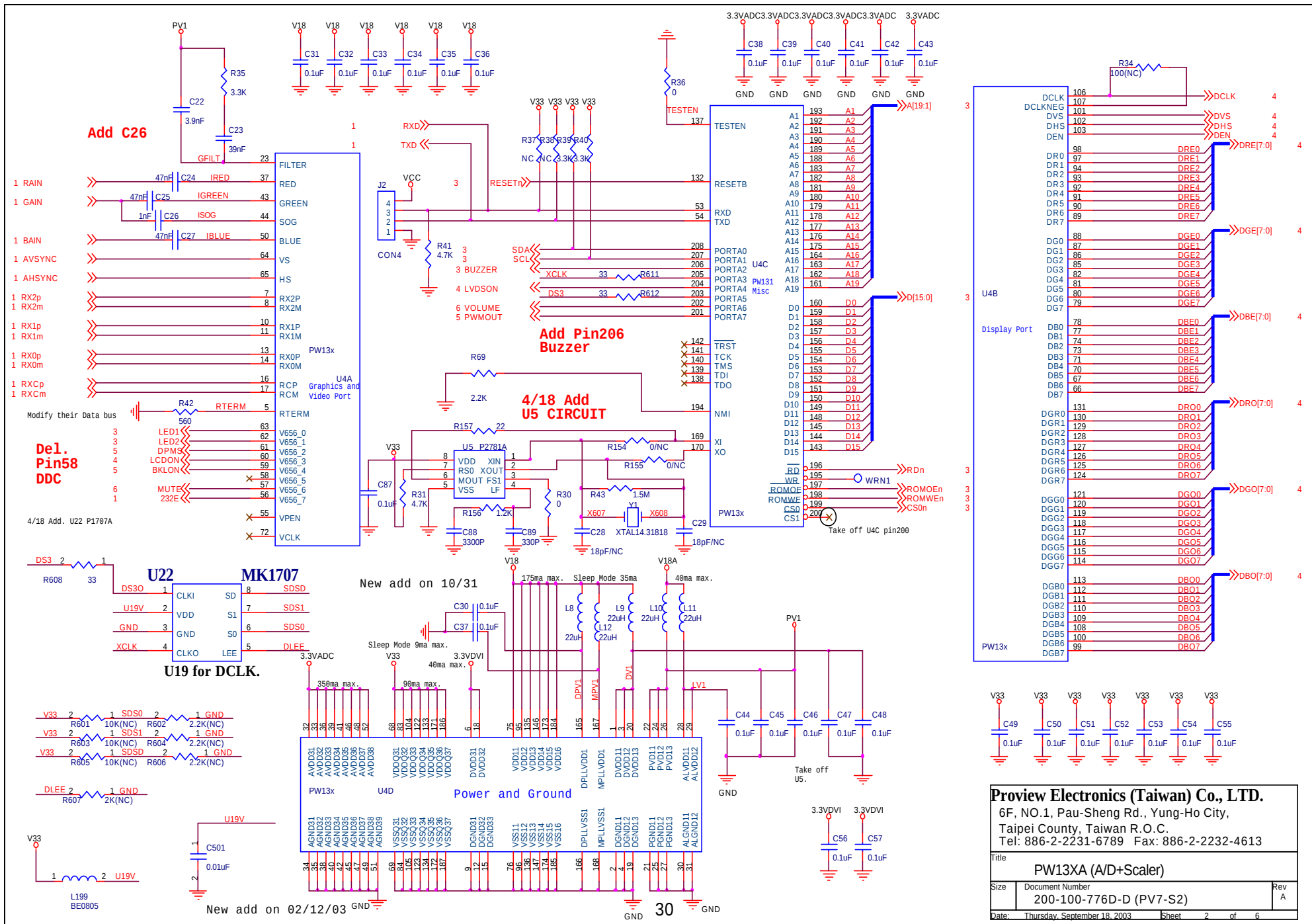
I. BLOCK DIAGRAM



J. SCHEMATIC DIAGRAM



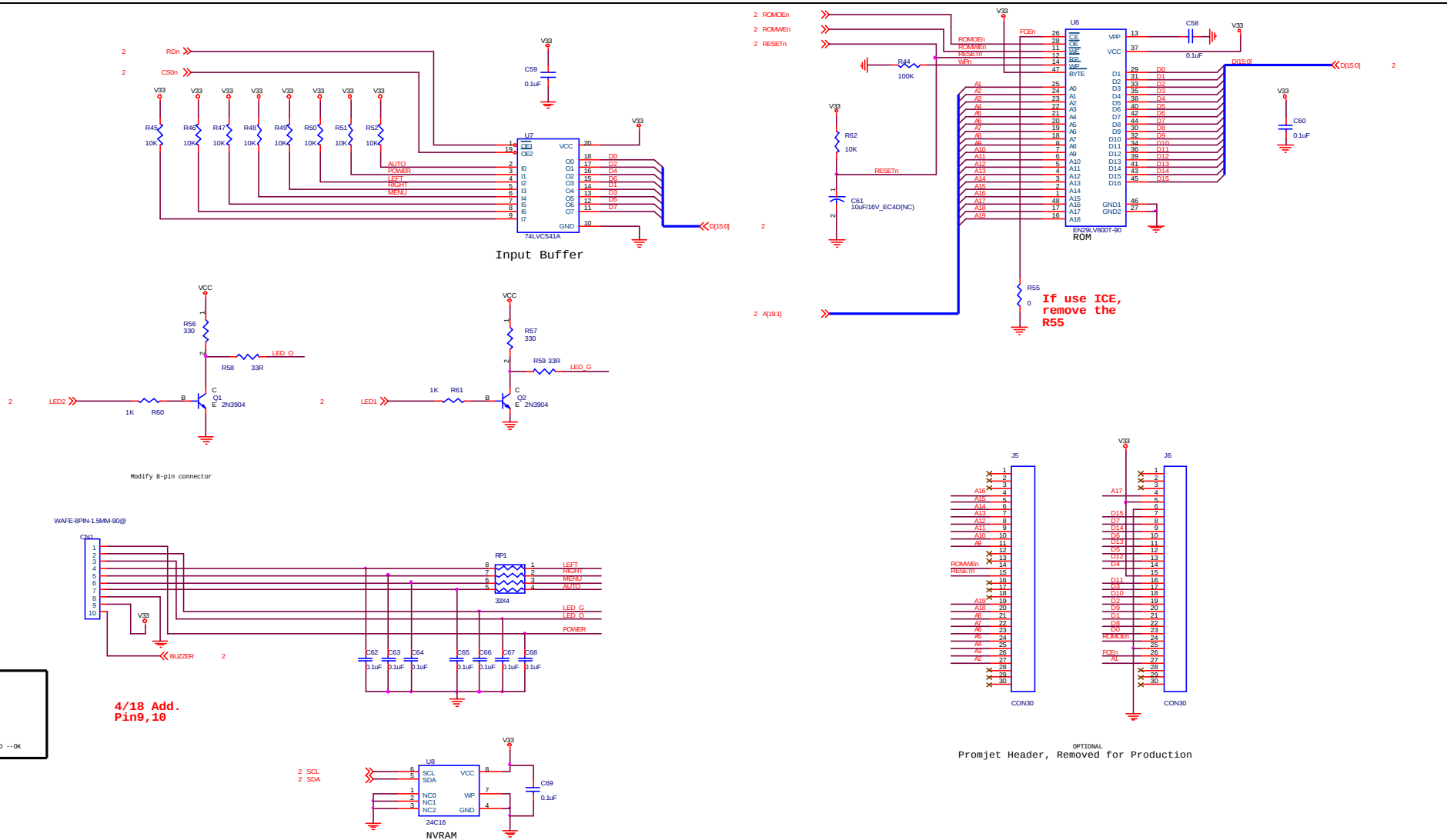
Preview Electronics (Taiwan) Co., LTD.			
6F, NO.1, Pau-Sheng Rd., Yung-Ho City, Taipei County, Taiwan R.O.C.			
Tel: 886-2-2231-6789 Fax: 886-2-2232-4613			
Title: VGA & DVI INPUT			
Size:	Document Number:	200-100-776D-D (PV7-S1)	Rev: A
Date: Thursday, September 10, 2009		Page: 3	of 6

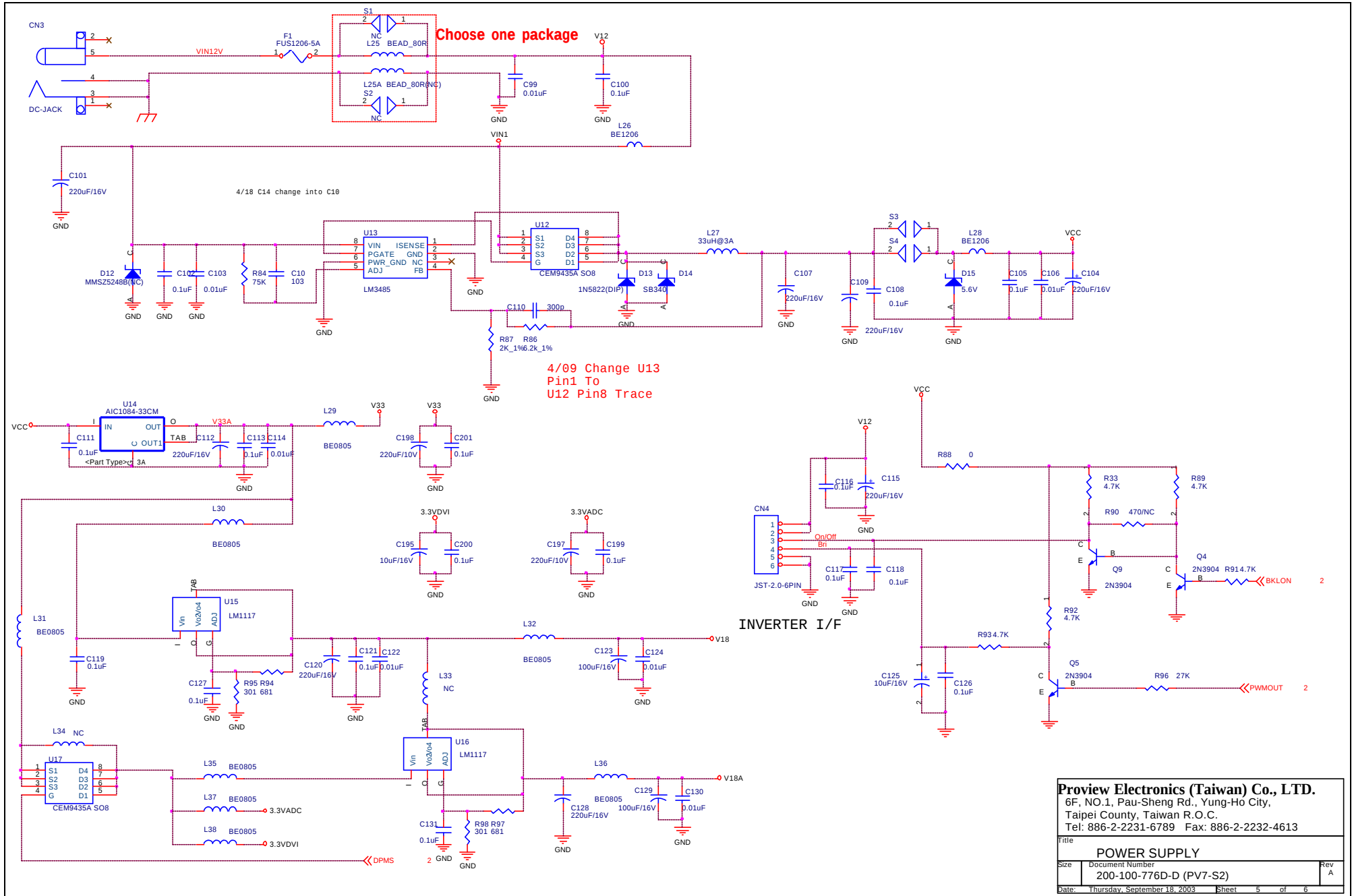


Proview Electronics (Taiwan) Co., LTD.

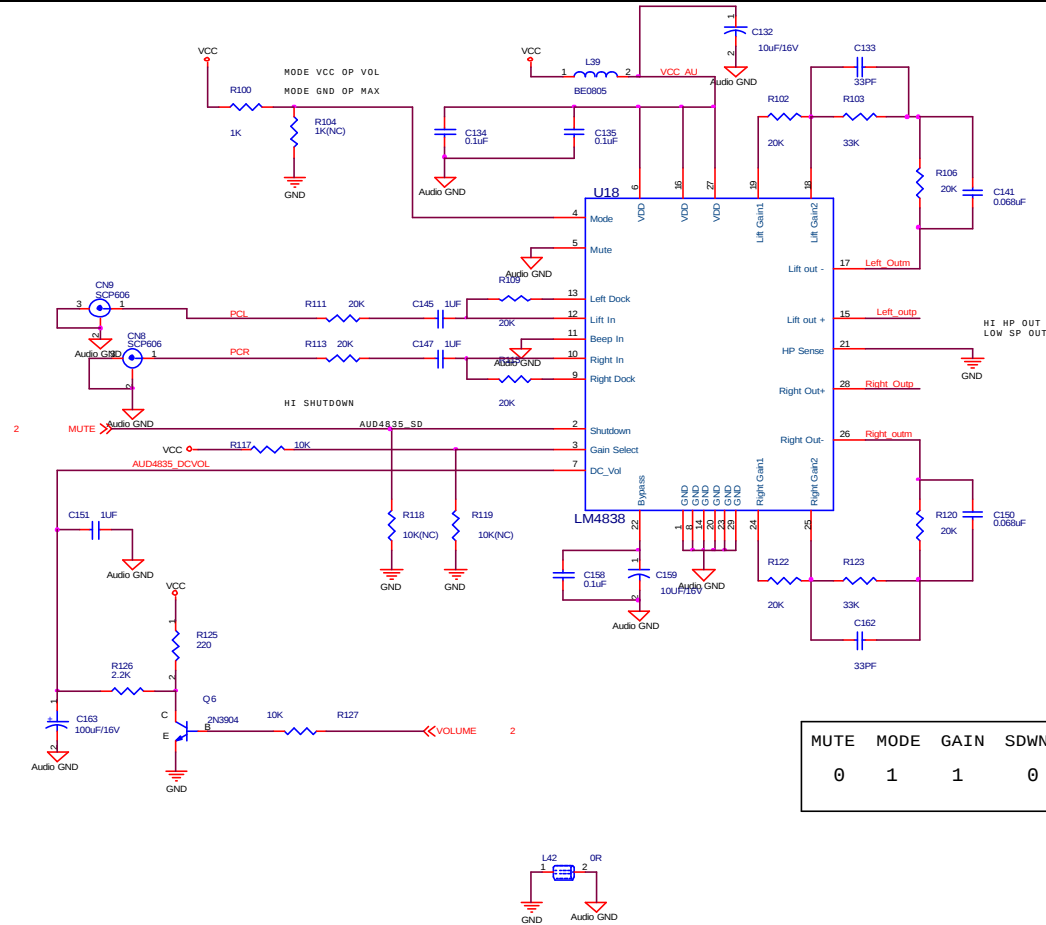
6F, NO.1, Pau-Sheng Rd., Yung-Ho City,
Taipei County, Taiwan R.O.C.
Tel: 886-2-2231-6789 Fax: 886-2-2232-4613

Title			PW13XA (A/D+Scaler)
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Date:	Thursday, September 18, 2003	Sheet	2 of 6



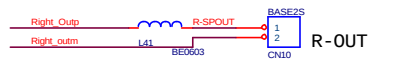
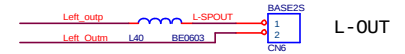


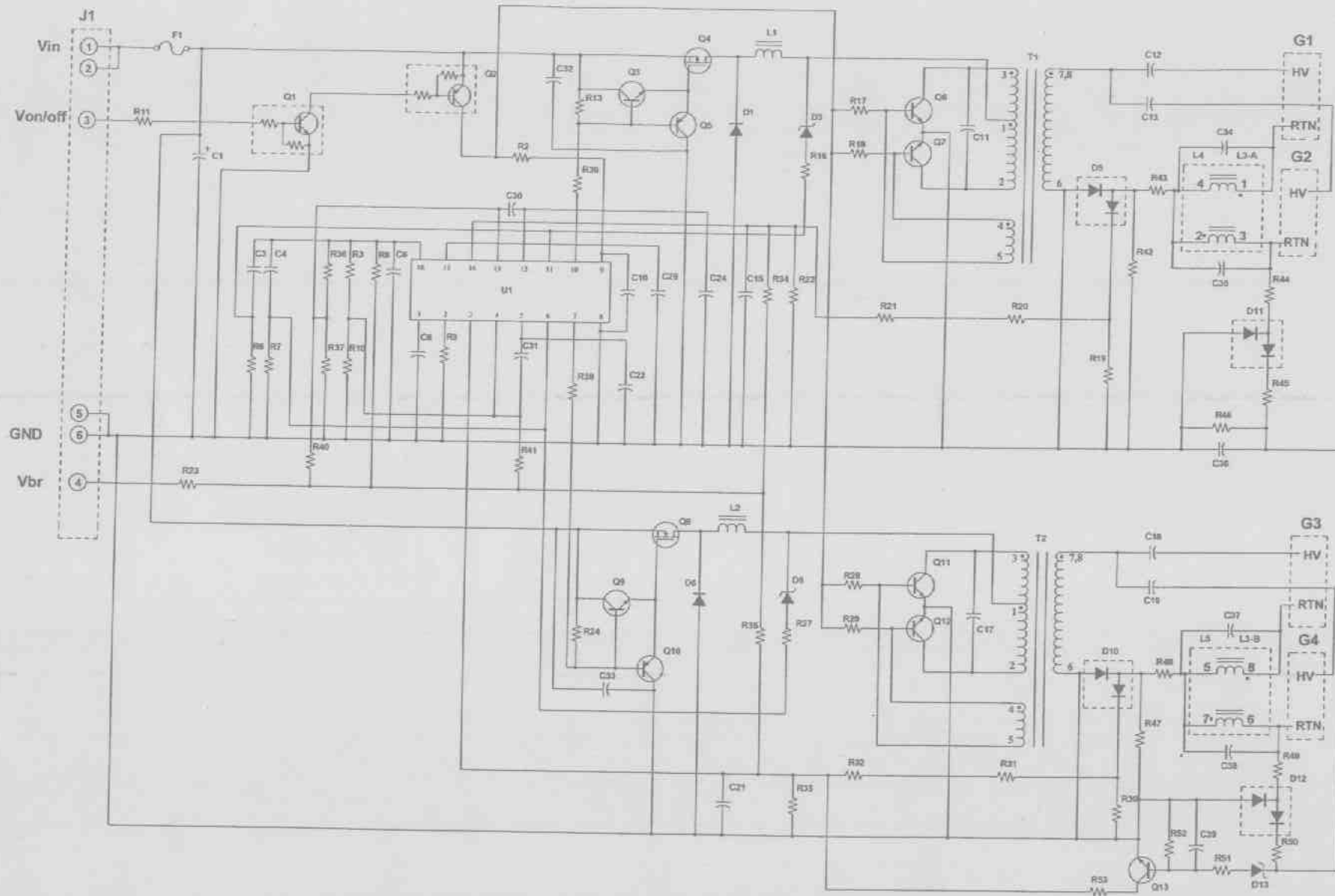
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C136, 137, 138, 139, 140, 142, 143, 144, 146, 148, 149
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R148, 149, D16, CN5, CN7



3/18 change GND

DEL L15
DEL L17
DEL C134
DEL R86
DEL R89





No.	圖號 - DWG.No.	名稱 - NAME	數量	材質 - MATERIAL	處理 - TREATMENT	備考 - REMARK
設計 - DESIGN		KEN	日期 DATE	03/20/03	名稱 TITLE	回路圖
製圖 - DRAWING		LINDA	日期 DATE	03/21/03	圖式 MODEL	M074-3
檢圖 - CHECKED			日期 DATE	03/24/03	比例 SCALE	1:1
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承認 - APPVD			日期 DATE	03/26/03	圖號 - DWG.No.	EELAM0743
承認 - APPVD			日期 DATE	03/26/03	日期 - DATE	7/18/01
承認 - APPVD			日期 DATE	03/26/03	頁 - PAGE	1/1

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