



C9 SERIES

Service Manual

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K. SCHEMATIC DIAGRAM. 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 **PROVIEW** 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 marketing 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

796N

1. Screen	17", 0.25mm flat Square tube, 90° deflection, Anti-glare, Anti-static, Anti-reflection.
2. Visible Image Area	15.7 inch
3. Active Display Area	310mm (H) × 230mm (V)
4. Synchronization Range	
Horizontal	30 – 98 KHz
Vertical	50 – 160 Hz
5. Power Source	100 – 240 Vac, 60/50 Hz
6. Power Consumption (max.)	110W
7. Input Signal	
Video	Analog R.G.B., 0.7Vp-p / 75 Ohm
Sync.	TTL level, positive or negative polarity
8. Connection Type	15 Pin D Type

9. Resolution	1600 × 1200 pixels
10. Color Temperature	9300°K / 6500°K / 5500°K
11. Dimension (W×H×D)	410 × 410 × 420 (mm) ----- CA/TA/PX/FX 16.14 × 16.14 × 16.54 (inch) 406 × 413 × 435 (mm) ----- BZ/IZ 15.98 × 16.26 × 17.13 (inch)
12. Monitor Weight	
Net :	16.5Kg (36.3Lb)
Gross :	19.0Kg (41.8Lb)
13. Base Operation	
Tilt	- 5° / + 15°
Swivel	- 45° / + 45°
14. Power Saving	
Normal operation :	< 110W
Off mode	< 5W
15. Signal Connector Pin Assignment	
Pin No.	
1. Red video input	6. Red return
2. Green video input	7. Green return
3. Blue video input	8. Blue return
4. Ground	9. Not connected
5. DDC return	10. Ground
	11. Ground
	12. SDA
	13. Horizontal sync.
	14. Vertical sync.
	15. SCL

797N

1. Screen	17", 0.25mm Pure flat Square tube, 90° deflection, Anti-glare, Anti-static, Anti-reflection.
2. Visible Image Area	16.02 inch
3. Active Display Area	310 mm (H) × 230mm (V)
4. Synchronization Range	
Horizontal	30 – 98 KHz
Vertical	50 – 160 Hz
5. Power Source	100 – 240 Vac, 60/50 Hz
6. Power Consumption	110W (max.)
7. Input Signal	
Video	Analog R.G.B., 0.7Vp-p / 75 Ohm
Sync.	TTL level, positive or negative polarity
8. Connection Type	15 Pin D Type

9. Resolution	1600 × 1200 pixels
10. Color Temperature	9300°K / 6500°K / 5500°K
11. Dimension (W×H×D)	406 × 400 × 416 (mm) ----- DF 15.98 × 15.75 × 16.38 (inch) 406 × 407 × 417 (mm) ----- DX 15.98 × 16.02 × 16.42 (inch) 410 × 412 × 420 (mm) ----- PF 16.14 × 16.22 × 16.53 (inch)
12. Monitor Weight	
Net :	18.5Kg (40.7Lb)
Gross :	21.0Kg (46.2Lb)
13. Base Operation	
Tilt	- 5° / + 15°
Swivel	- 45° / + 45°
14. Power Saving	
Normal operation :	< 110W
Off mode	< 5W
15. Signal Connector Pin Assignment	
Pin No.	
1. Red video input	6. Red return
2. Green video input	7. Green return
3. Blue video input	8. Blue return
4. Ground	9. Not connected
5. DDC return	10. Ground
	11. Ground
	12. SDA
	13. Horizontal sync.
	14. Vertical sync.
	15. SCL

996N

1. Screen	19", 0.25mm Pure flat Square tube, 90° deflection, Anti-glare, Anti-static, Anti-reflection.
2. Visible Image Area	17.9 inch
3. Active Display Area	360 mm (H) × 270mm (V)
4. Synchronization Range	
Horizontal	30 – 98 KHz
Vertical	50 – 160 Hz
5. Power Source	100 – 240 Vac, 60/50 Hz
6. Power Consumption	120W (max.)
7. Input Signal	
Video	Analog R.G.B., 0.7Vp-p / 75 Ohm
Sync.	TTL level, positive or negative polarity

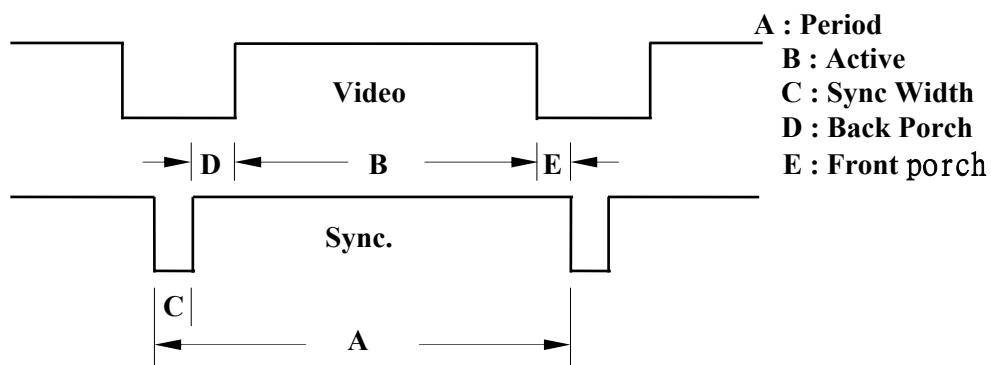
8. Connection Type	15 Pin D Type
9. Resolution	1600 × 1200 pixels
10. Color Temperature	9300°K / 6500°K / 5500°K
11. Dimension (W×H×D)	446 × 452 × 454 (mm) ----- PX 17.56 × 17.80 × 17.87 (inch) 446 × 460 × 475 (mm) ----- BZ/IZ 17.56 × 18.11 × 18.70 (inch)
12. Monitor Weight	
Net :	19.6Kg (43.1Lb)
Gross :	23.0Kg (50.6Lb)
13. Base Operation	
Tilt	- 5° / + 15°
Swivel	- 45° / + 45°
14. Power Saving	
Normal operation :	< 120W
Off mode	< 5W
15. Signal Connector Pin Assignment	
Pin No.	
1. Red video input	6. Red return
2. Green video input	7. Green return
3. Blue video input	8. Blue return
4. Ground	9. Not connected
5. DDC return	10. Ground
	11. Ground
	12. SDA
	13. Horizontal sync.
	14. Vertical sync.
	15. SCL

997N

1. Screen	19", 0.25mm Pure flat Square tube, 90° deflection, Anti-glare, Anti-static, Anti-reflection.
2. Visible Image Area	18.0 inch
3. Active Display Area	360 mm (H) × 270mm (V)
4. Synchronization Range	
Horizontal	30 – 98 KHz
Vertical	50 – 160 Hz
5. Power Source	100 – 240 Vac, 60/50 Hz
6. Power Consumption	130W (max.)
7. Input Signal	
Video	Analog R.G.B., 0.7Vp-p / 75 Ohm

Sync.	TTL level, positive or negative polarity	
8. Connection Type	15 Pin D Type	
9. Resolution	1600 × 1200 pixels	
10. Color Temperature	9300°K / 6500°K / 5500°K	
11. Dimension (W×H×D)	446 × 452 × 454 (mm) ----- DX 17.56 × 17.80 × 17.87 (inch)	
12. Monitor Weight		
Net :	21.6Kg (47.5Lb)	
Gross :	25.0Kg (55.0Lb)	
13. Base Operation		
Tilt	- 5° / + 15°	
Swivel	- 45° / + 45°	
14. Power Saving		
Normal operation :	< 130W	
Off mode	< 5W	
15. Signal Connector Pin Assignment		
Pin No.		
1. Red video input	6. Red return	11. Ground
2. Green video input	7. Green return	12. SDA
3. Blue video input	8. Blue return	13. Horizontal sync.
4. Ground	9. Not connected	14. Vertical sync.
5. DDC return	10. Ground	15. SCL

C. TIMING CHART

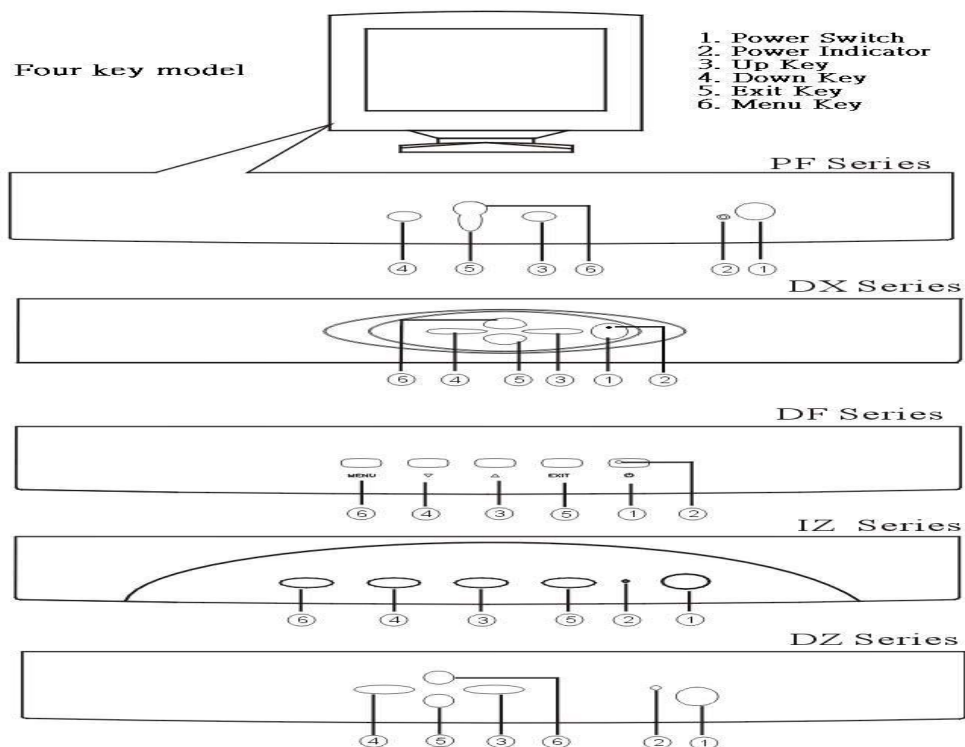
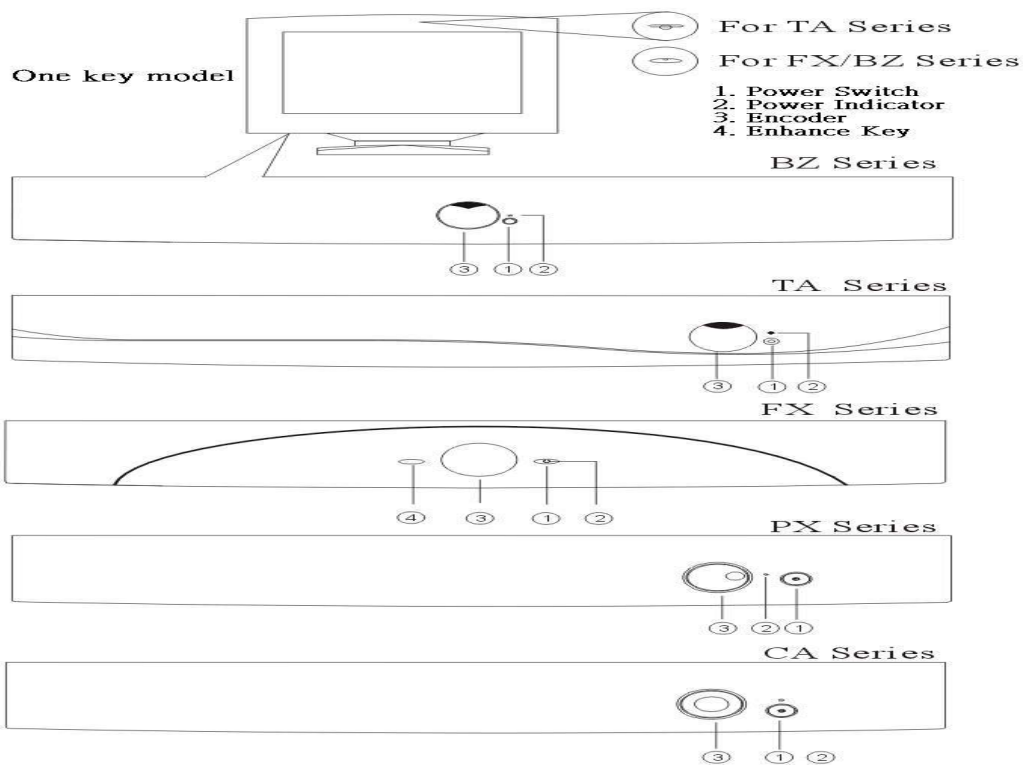


Preset	VGA	VGA	VESA	SIEMENS	VESA	VESA	SIEMENS	VESA	VESA	VESA	VESA
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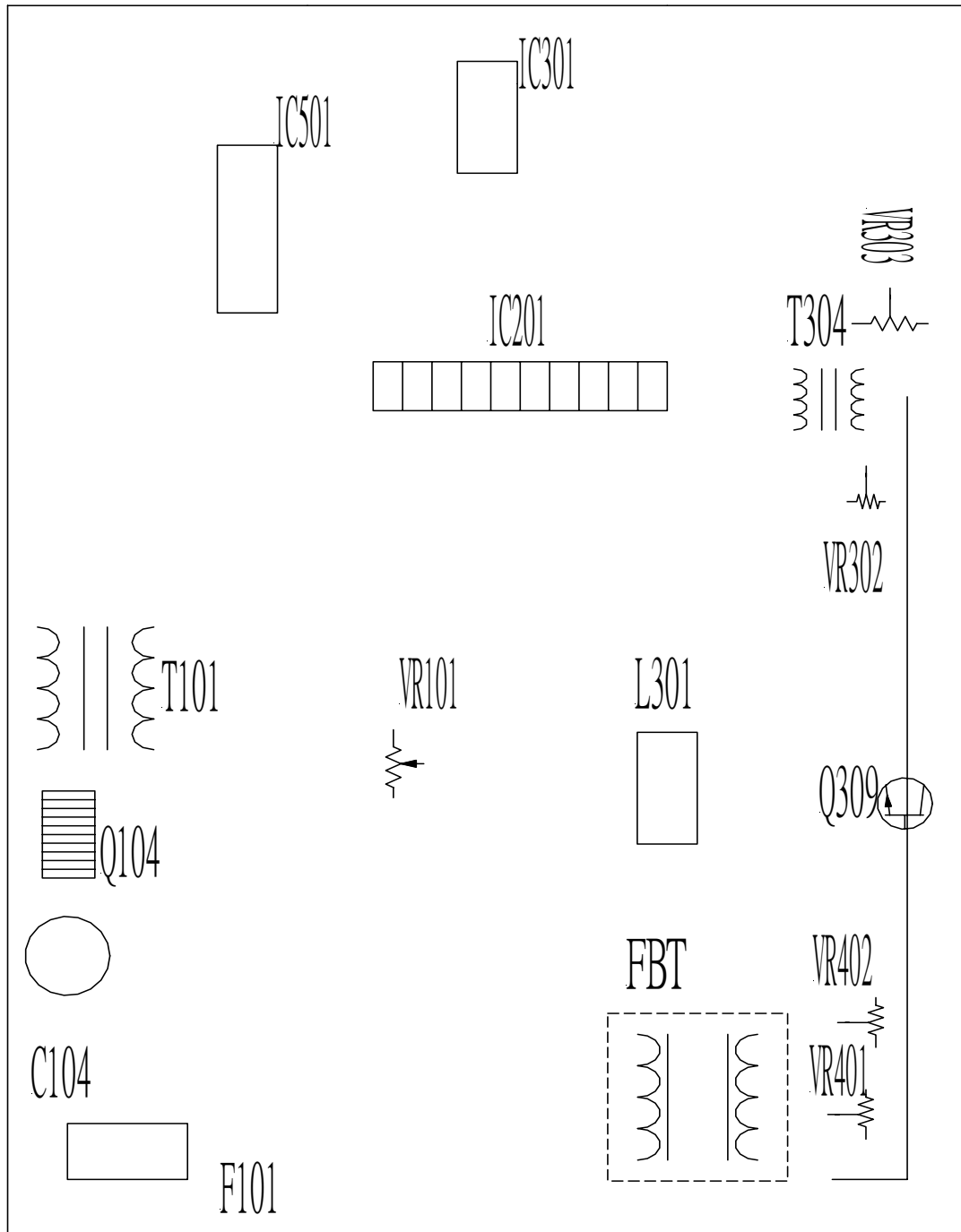
Modes	640 × 480	720 × 400	640 × 480	640 × 480	800 × 600	1024 × 768	800 × 600	1024 × 768	1280 × 1024	1280 × 1024	1600 × 1200
Dot Rate (MHz)	25.175	28.322	36.000	40.5	56.25	78.750	67.5	94.5	135	157.5	202.5
F.H (KHz)	31.469	31.469	43.269	50.6	53.674	60.023	63.92	68.677	79.976	91.146	93.750
Period (uS)	31.778	31.778	23.111	19.752	18.631	16.660	15.644	14.561	12.504	10.971	10.667
Active (uS)	25.422	25.422	17.778	15.802	14.222	13.003	11.852	10.836	9.481	8.127	7.901
Sync (uS)	3.813	3.813	1.556	1.58	1.138	1.219	0.948	1.016	1.067	1.016	0.948
D-Back Porch(uS)	1.907	1.907	2.222	1.975	2.702	2.235	2.370	2.201	1.837	1.422	1.501
E-Front Porch(uS)	0.318	0.318	1.556	0.395	0.569	0.203	0.474	0.508	0.119	0.406	0.316
F . V (Hz)	59.941	70.087	85.0	100.1	85.061	75.029	100.0	84.997	75.025	85.024	75.000
A-Period (mS)	16.683	14.268	11.764	9.995	11.756	13.328	9.997	11.765	13.329	11.761	13.333
B-Active (mS)	15.253	12.711	11.093	9.481	11.179	12.795	9.387	11.183	12.804	11.235	12.800
C-Sync (mS)	0.064	0.064	0.069	0.059	0.056	0.050	0.047	0.044	0.038	0.033	0.032
D-Back Porch(mS)	1.049	1.112	0.578	0.435	0.503	0.466	0.548	0.524	0.475	0.483	0.491
E-Front Porch(mS)	0.254	0.222	0.023	0.02	0.019	0.017	0.016	0.015	0.013	0.011	0.011
H/V SYNC	— . —	— . +	— . —	— . —	+ +	+ . +	+ . +	+ . +	+ . +	+ . +	+ . +
Interlaced	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON	NON

D. CONTROL LOCATION

Font control panel



E. ADJUSTMENT LOCATION



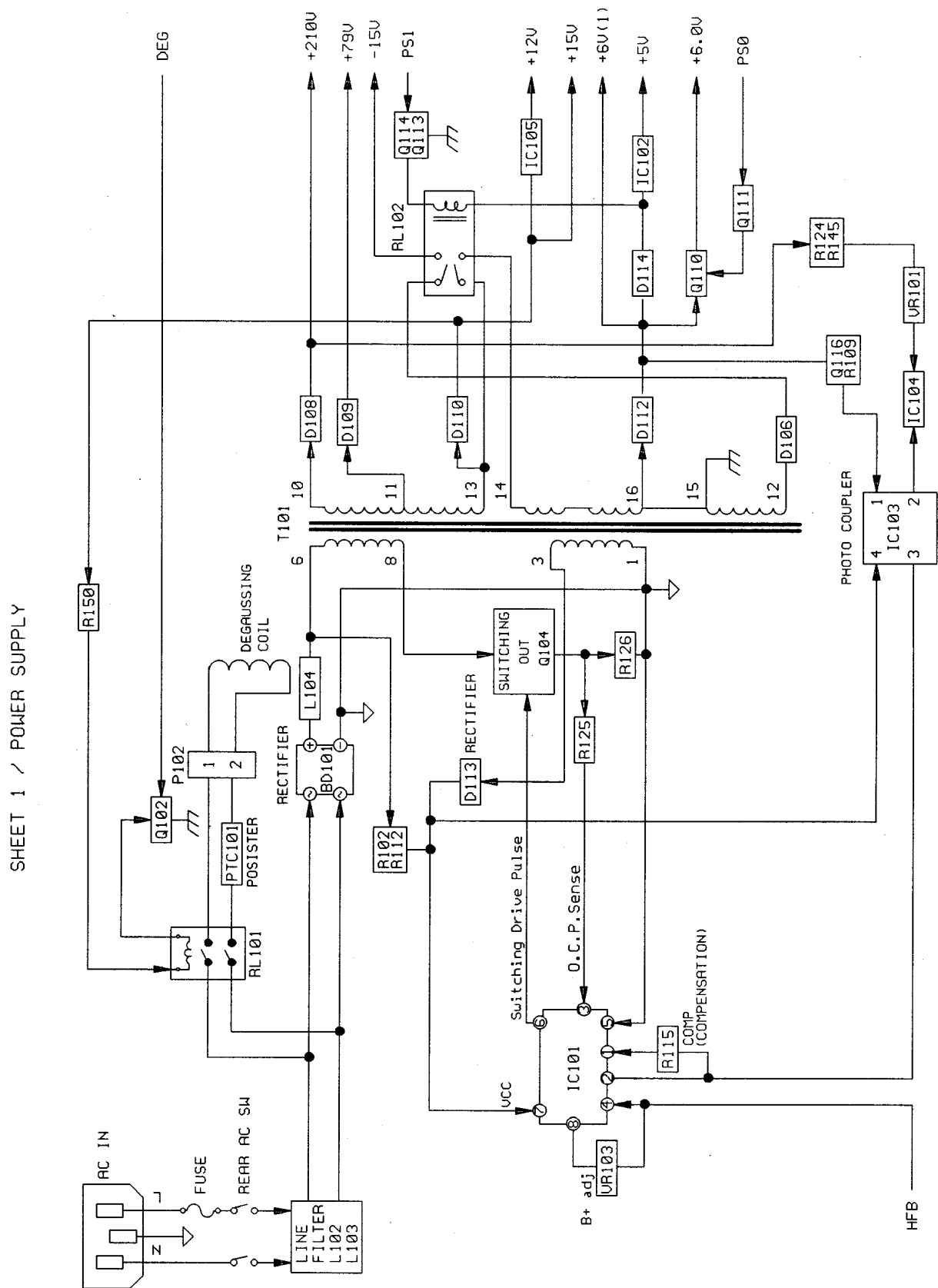
F. ADJUSTMENT PROCEDURE

ITEM Program Menu.		# Test Meter * Test Point @ Pattern	Operation	Adjusting Value
A	B+ Adjust	# Digital Voltmeter * D117 Negative @ Crosshatch Pattern White Background (31.5KHz,640x480)	1. Make the adjustment to the value shown at right by turning the VR101 on the main PCB.	210V ±0.2V
	High Voltage Adjust	# Digital Voltmeter # High Voltage Probe * Anode Cap-GND @ Crosshatch Pattern White Background (31.5KHz,640x480)	1. Turn the power switch of the monitor OFF . 2. Connect high voltage probe to Anode Cap and GND. 3. Turn the power switch of the monitor ON . (15 minutes) 4. Make the adjustment to the value shown at right by turning the VR402 on the main PCB.	26.0KV (17",19")
C		@ Crosshatch (All Preset Mode)	1. Pull the power cord out from the monitor. 2. Hold encored key, then plug the power cord into the monitor .(one key type) Hold MENU key, then plug the power cord into the monitor .(four key type) 3. Turn encoder/MENU key, make sure into preset picture, if not ,please return 1-2. 4. Please following the procedure of selection and adjusting an item using the OSD system as below steps for main function adjustment. One key model : Step 1 : Press and release the OSD control knob to activate the OSD menu. Step 2 : Turn the knob to highlight the desired option of OSD icon. Step 3 : Press and release the knob again to access the option. The color of the inner area of the OSD will change from blue to green. Step 4 : To make your adjustment, turn the knob clockwise to increase or count clockwise to decrease the setting. Step 5 : Press and release the knob again to store the change. the color of the inner area will go back to blue. You can select EXIT icon and press the knob the exit the OSD menu.	Contrast : MAX. Brightness Normal. H-Size : 310mm(17") 360mm(19") V-Size : 230mm(17") 270mm(19") H-Posi. : Center V-Posi : Center

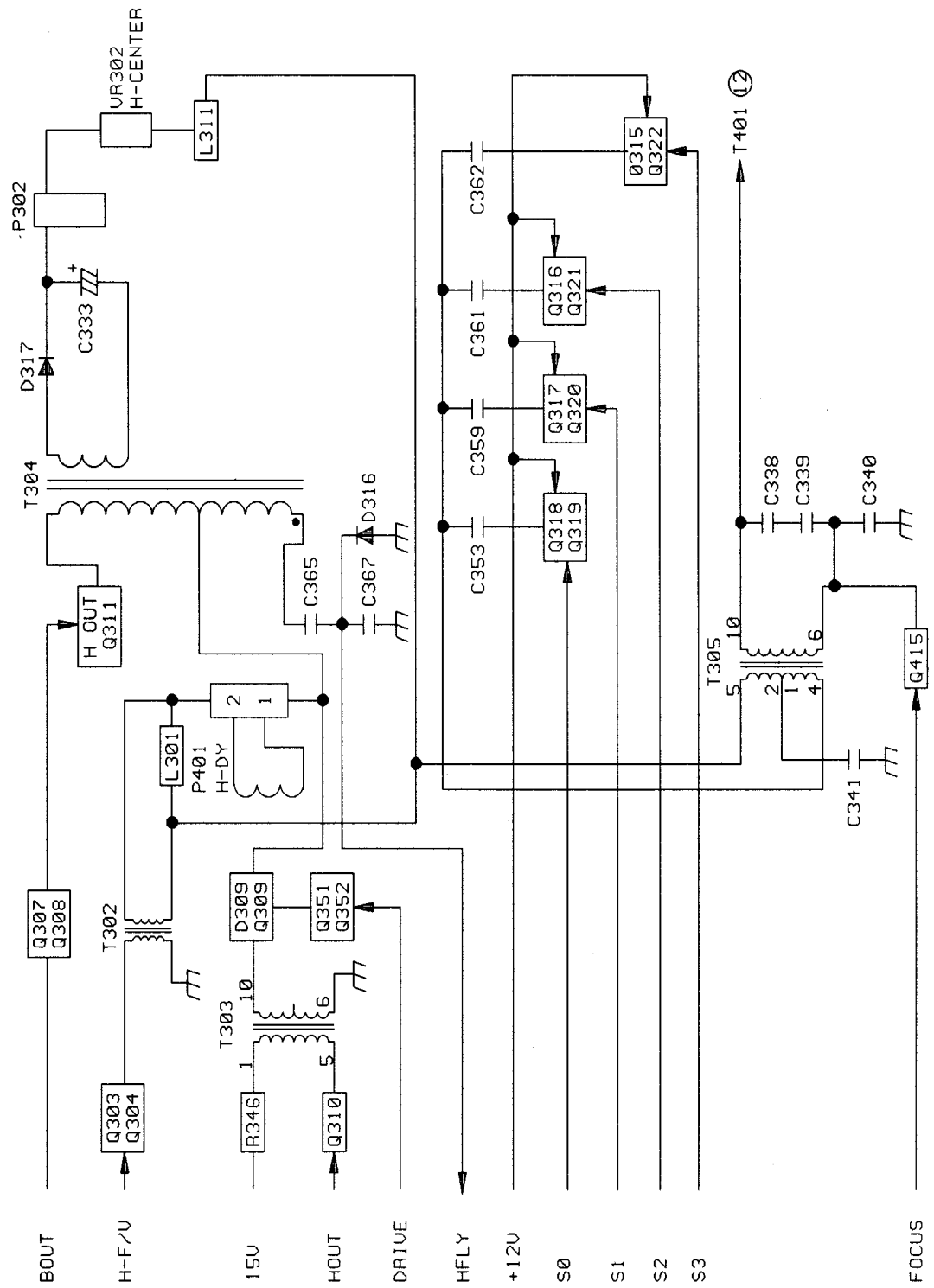
ITEM Program Menu.		# Test Meter * Test Point @ Pattern	Operation	Adjusting Value
C	Preset Adjust		Four key model : Step 1 : Press and release the OSD control knob to activate the OSD menu. Step 2 : Press +/-▲or -/▼key to highlight the desired option of OSD icon. Step 3 : Press and release MENU key to access the option. The color of the inner area of the OSD will change from blue to green. Step 4 : To make your adjustment, press +/-▲or -/▼key to decrease the setting. Step 5 : Press and release MENU key to store the change. the color of the inner area will go back to blue. You can select other function to make adjustment by +/-▲or -/▼. Also you can select exit icon or press Exit key to exit the OSD menu.	Other adj. : Best Point
D	Background White Balance Adjust	# Color Analyzer @ R.G.B off (68KHz,1024x768)	1. Set the contrast to MAX.,Brightness to Y=0.7 set color is 9300°K using the OSD. 2. Set the OSD to COLOR of sub menu and press knob. 3. Make the adjustment R.G.B BIAS low light to the value shown at right by using encoder.	Y = 0.7 ±0.1FL x = 0.283 ±0.02 y = 0.297 ±0.02
E	White Balance Adjust	# Color Analyzer # Oscilloscope * Cathode G @ 3" block (68KHz,1024x768)	1. Move the OSD to the R.G.B. DRIVE. 2. Move the OSD to the G DRIVE and make the adjustment to the value shown at right by using encoder. 3. Move the OSD to the R,B-DRIVE and make the Adjustment to the value shown at right by using Encoder.	40VP-P 55FL (17") 43FL (19") x = 0.283 ±0.02 y = 0.297 ±0.02
F	ABL Adjust	# Color Analyzer @ Full White (68KHz,1024x768)	1. Set the contrast to MAX.,Brightness to MAX. 2. Make the adjustment to the value shown at right by adjustment ABL on the OSD menu.	Y = 33FL±1
G	Other Function Setting	@ Full White (68KHz,1024x768)	1. Set the FREQ. to 98 2. Set the OSD to OSD1 3. Set the BURN to Disable 4. Set the TIME to 15 5. Set the DEFO to TDA9113/9112	

ITEM Program Menu.		# Test Meter * Test Point @ Pattern	Operation	Adjusting Value
H	Dynamic Focus Adjust	# Oscilloscope * FBT Pin14 @ Full White (31.5KHz,640x480)	1. Set the contrast to MAX.,and adjustment Brightness to the raster just appears. 2. Make the adjustment to the value shown at right by adjust the VDF on the OSD menu.	VF : 140 (17") 150 (19") ±10VP-P HF : 500 (17") 500 (19") ±150VP-P
I	Purity Adjust	@ Magenta color (31.5KHz,640x480)	1. Adjust the purity magnet is in magenta color. 2. Turning two overlapping pawls in opposite directions. 3. Move them until they are at the same angle, 9 o'clock and 3 o'clock respectively.	
J	Static Convergence Adjust	@ Crosshatch Pattern (31.5KHz,640x480)	1. Open the two pawls of the 4 pole magnets to allow the red and blue vertical lines to unite. 2. Open and rotate the two pawls at a contrast angle so that the red and blue horizontal lines can unite. 3. If the vertical lines deviates, open the two pawls at the deviation position and make a monitor adjustment by changing its angle. 4. Display white crosshatch pattern. 5. Make the red and blue vertical lines at the center unite with the green by opening the two 6 pole pawls. 6. Rotate the two pawls at contrast angle so that the red and blue horizontal lines can unite with the green. 7. If the vertical lines deviate, change the angle of Pawls from the deviation position.	

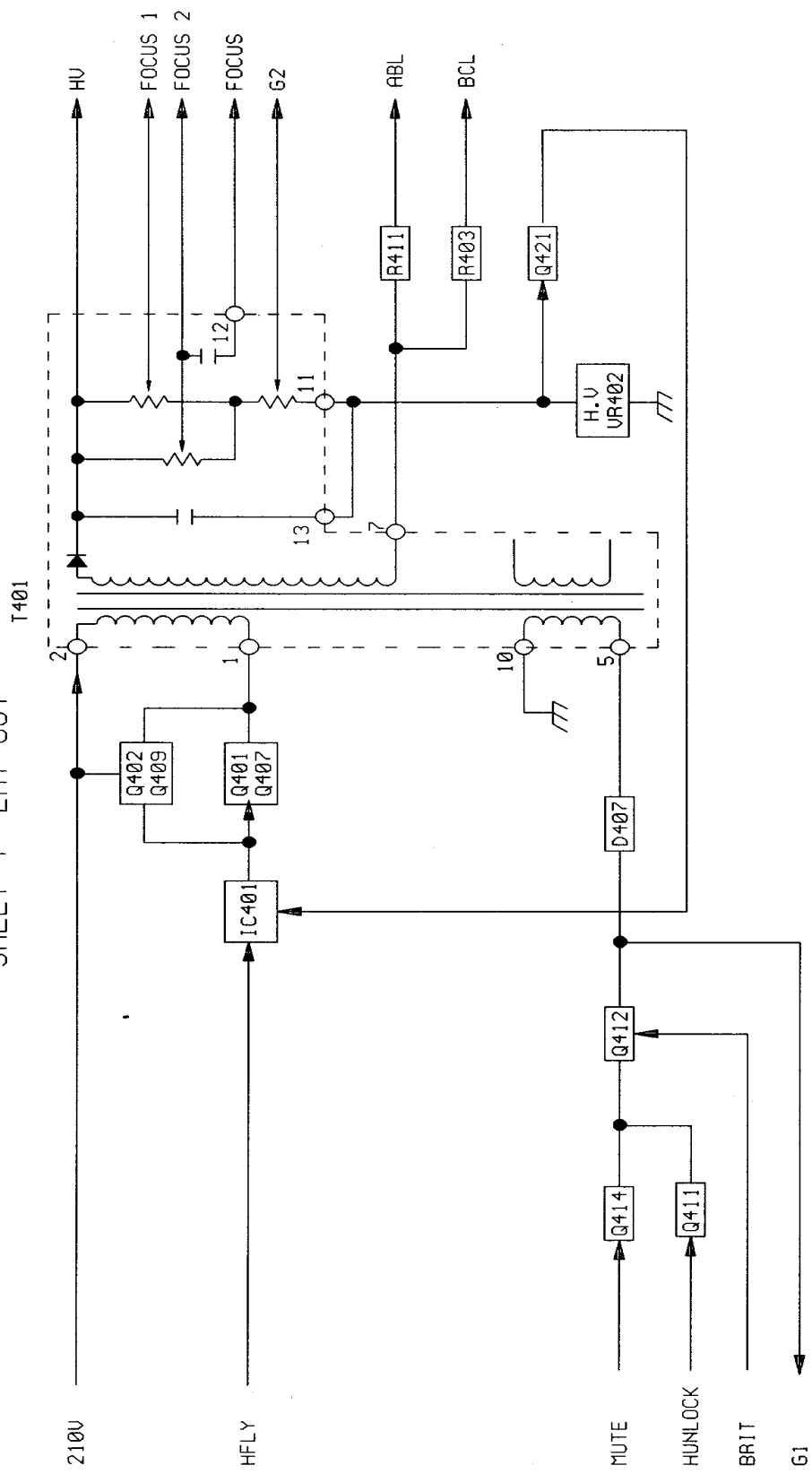
G. BLOCK DIAGRAM



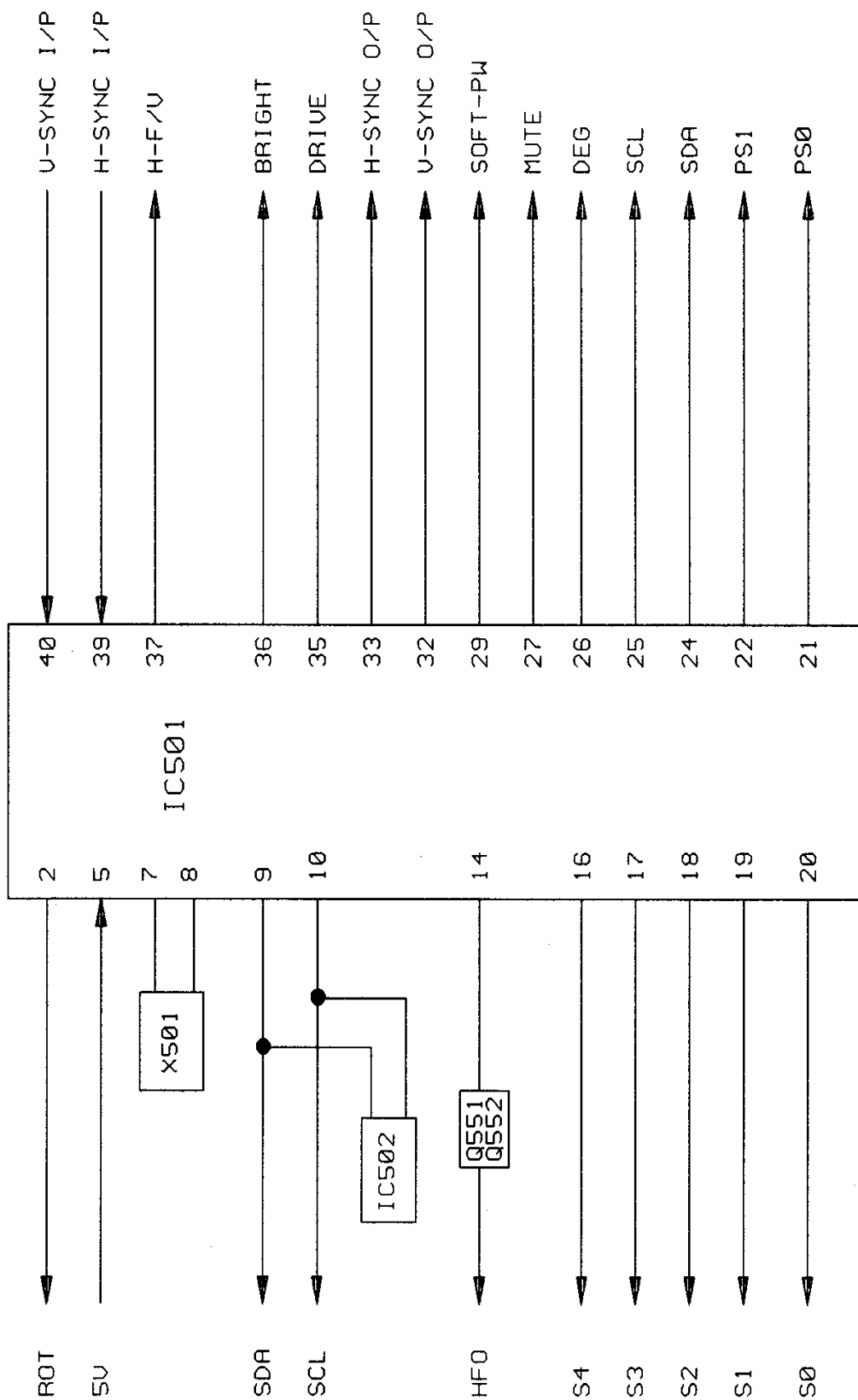
SHEET 3 H DRIVE/H OUT/H-SIZE/DYNAMIC FOCUS



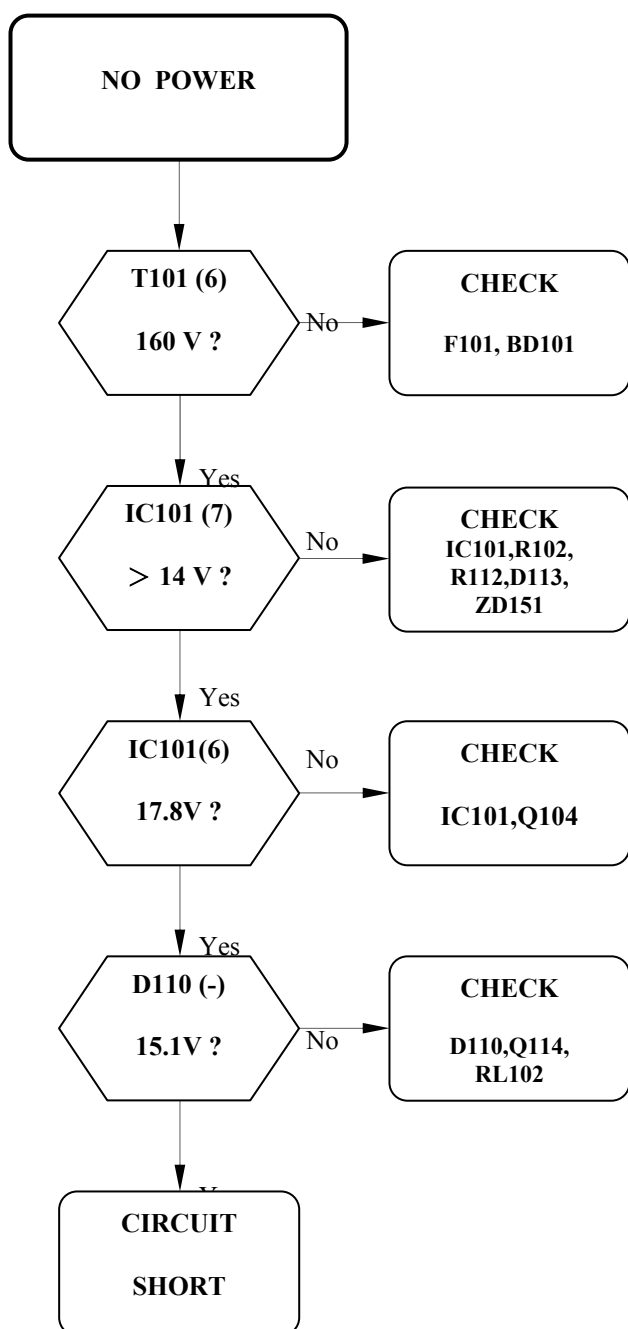
SHEET 4 EHT OUT

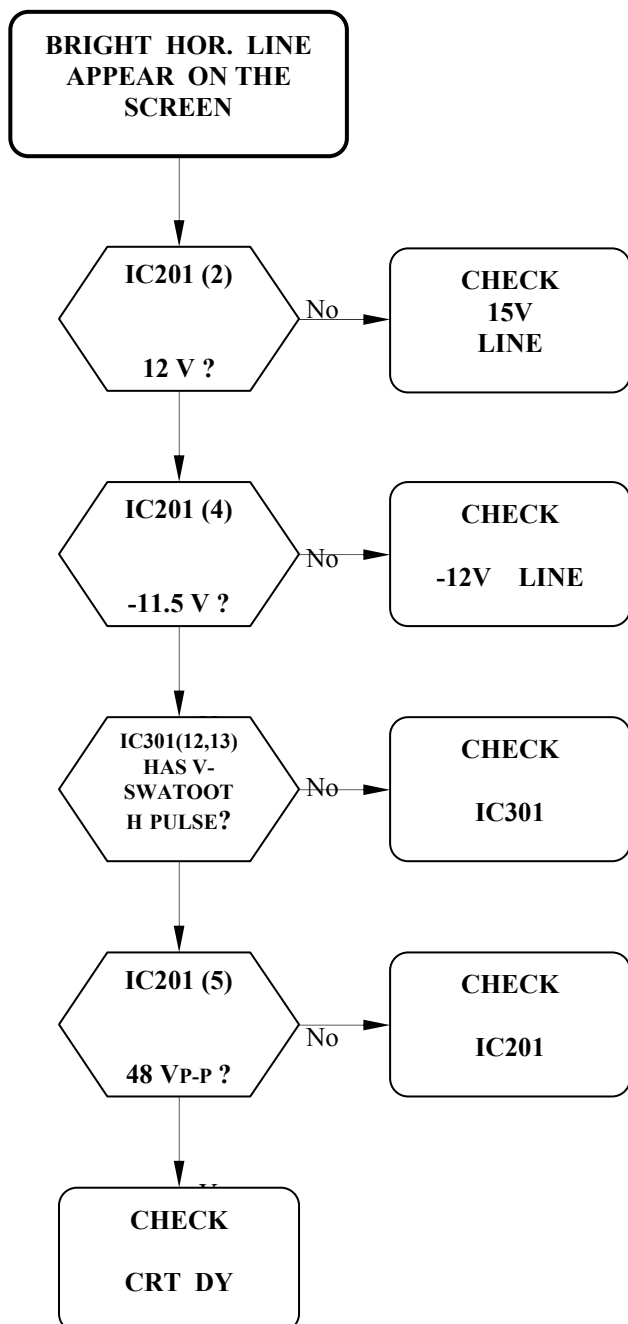


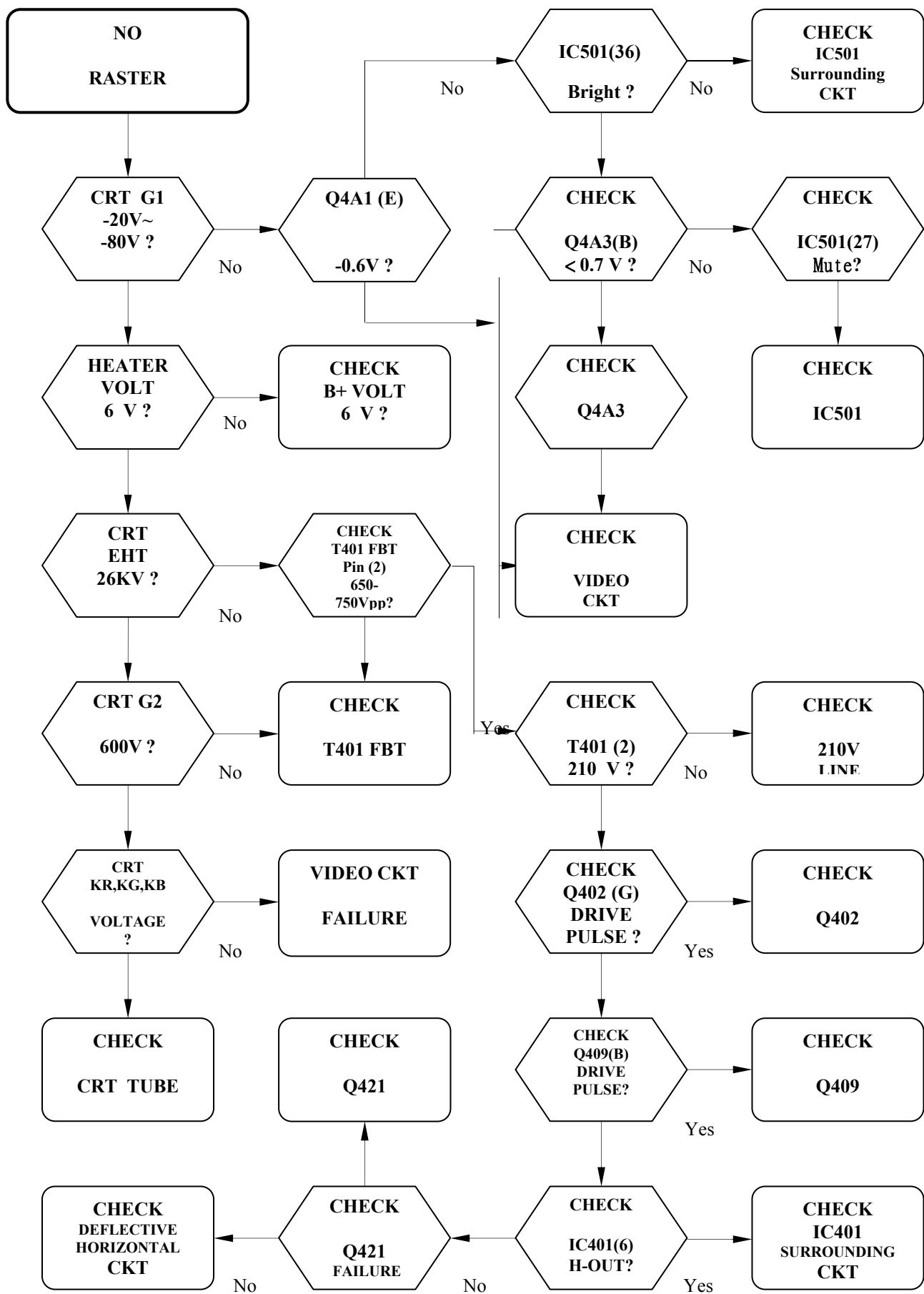
SHEET 5 MICON CONTROLLER

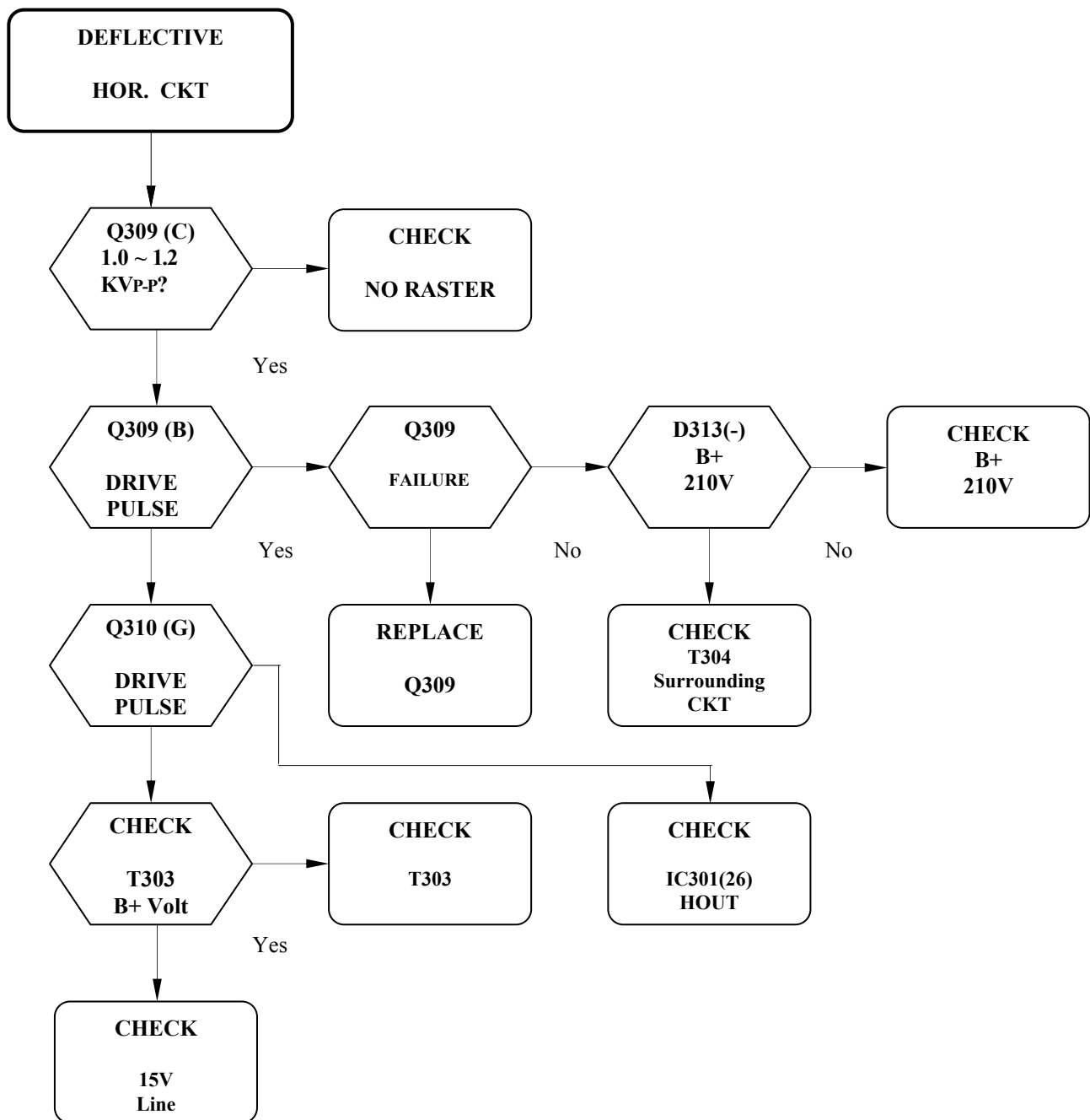


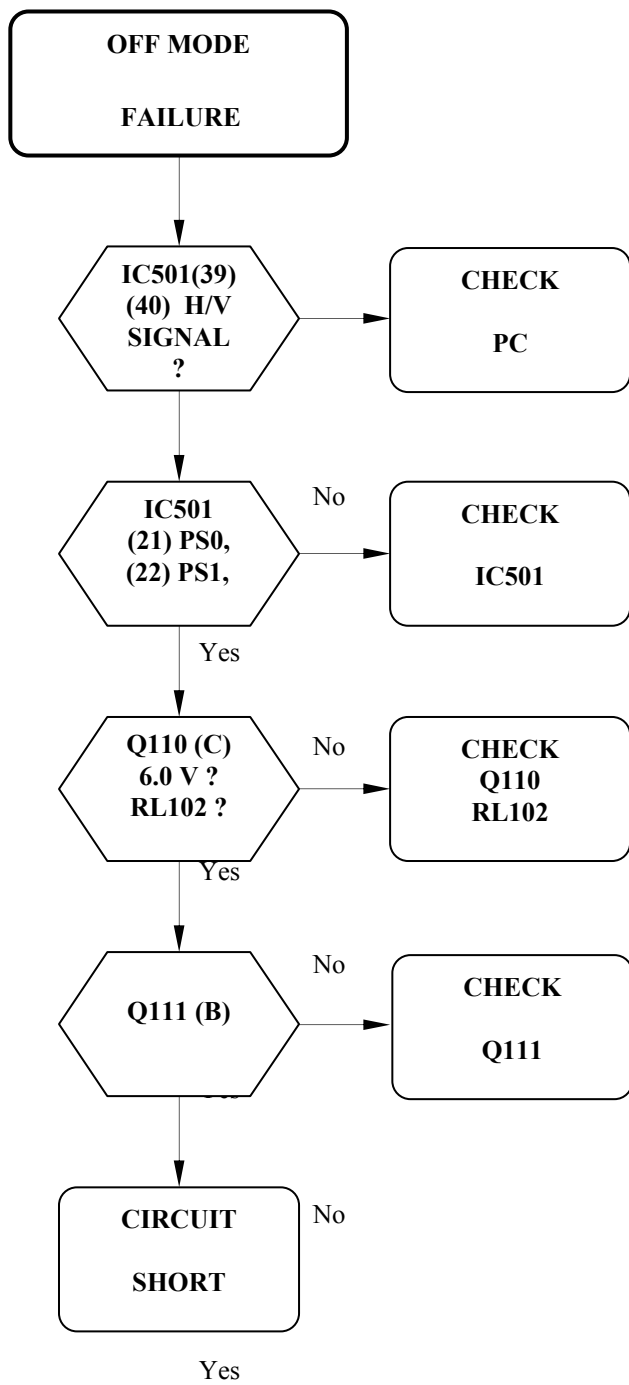
H. TROUBLE SHOOTING HINTS

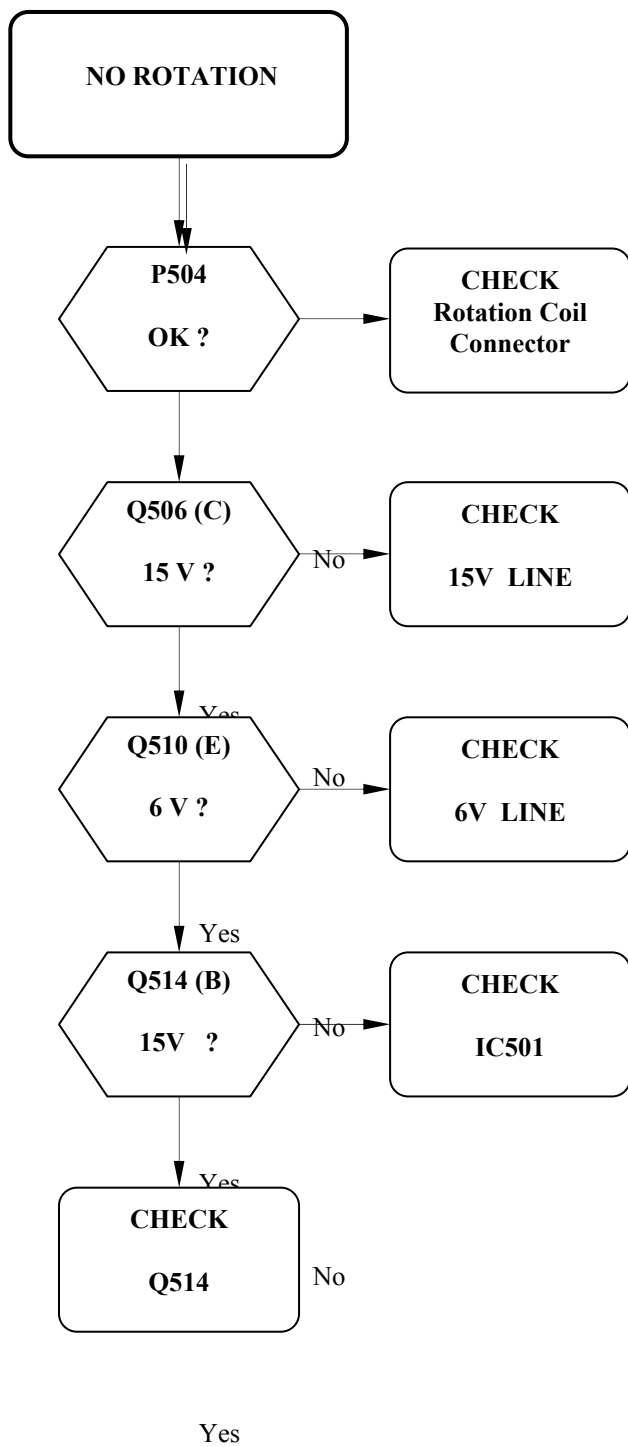


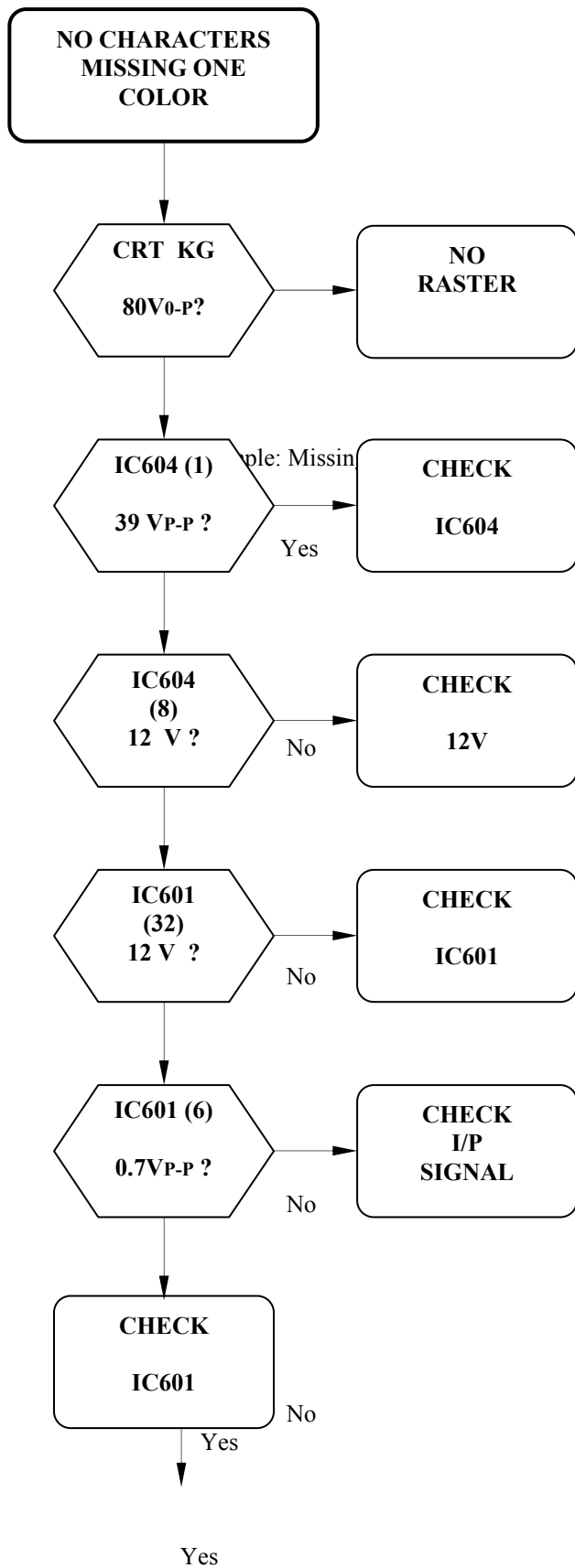














I. REPLACEMENT PARTS LIST

Main PCB Parts List

Location	Parts Number	Parts Description	Description
MAIN PCB	200-100-797N	Main PCB	
BD101	523-040-GBU4J	Bridge Rectifier Diode GBU4J	
C101	315-474-2572	X-Cap 0.47u AC250V 20%	
C102	317-222-2562	Y-Cap 2200p AC250V 10%	
C103	317-222-2562	Y-Cap 2200p AC250V 10%	
C104	300-221-0522	EC 220u 400V 85°C	
C105	300-470-0422	EC 47u 250V 85°C	
C106	307-103-3162	CC 0.01u 10% 500V Y5P	5mm
C108	300-471-2523	EC 470u 25V 105°C	
C111	300-151-2523	EC 150u 25V 105°C	
C112	307-221-3570	CC 220p 500V	
C113	305-223-0550	PEI 0.022u 50V 5%	
C114	318-104-0650	MPE 0.1u 63V 5%	
C116	326-272-0520	PL 2700p 50V 5%	
C117	307-561-1160	CC 560p 50V 10%	
C118	307-102-1170	CC 1000p 50V 20%	
C121	300-101-0123	EC 100u 100V 105°C	
C122	308-470-5152	CC 47p 1KV 10% Y5P NPO	
C123	300-102-2523	EC 1000u 25V 105°C	
C124	315-474-2572	X-Cap 0.47u AC250V 20%	
C125	300-102-1620	EC 1000u 16V 85°C	
C126	308-470-5152	CC 47p 1KV 10% Y5P NPO	
C128	300-102-1620	EC 1000u 16V 85°C	
C129	300-471-1620	EC 470u 16V 85°C	
C134	317-222-2562	Y-Cap 2200p AC250V 10%	
C136	328-103-2260	AXMIAL CC-Cap 0.01uF 50V +-10%	
C137	300-101-0422	EC 100u 250V 85°C	
C138	307-221-4160	CC 220p 1KV 10% Y5P	
C139	318-104-2550	MPP 0.1u 250V 5%	5mm

C140	307-222-1160	CC 2200p 50V +-10%	
C141	307-221-4160	CC 220p 1KV 10% Y5P	
C142	307-103-3162	CC 0.01u 500V 10% Y5P	5mm
C143	318-684-4052	MEM 0.68u 400V	PFC 22.5/27.5mm
C144	308-180-3150	CC 18p 50V	996N&997N
C144	OPEN	OPEN	796N&797N
C151	300-101-1620	EC 100u 16V 85°C	
C154	307-102-1160	CC 1000p 50V 10%	
C155	307-471-4160	CC 470p 1KV 10% Y5P	
C157	317-222-2562	Y-Cap 2200p AC250V 10%	
C158	300-1R0-5020	EC 1u 50V	
C159	307-272-1570	CC 2700p 50V	
C160	328-104-2690	CC 0.1u 50V	
C161	300-2R2-0522	EC 2.2u 400V 85°C	
C162	317-222-2562	Y-Cap 2200p AC250V 10%	
C163	307-221-3570	CC 220p 500V	
C165	300-R68-5020	EC 0.68u 50V	
C167	307-272-1170	CC 2700p 50V	
C171	300-2R2-5020	EC 2.2u 50V 20% 85°C	
C205	300-102-1620	EC 1000u 16V 85°C	
C207	318-334-0650	MEM 0.33u 63V 5%	
C209	305-222-0550	PEI 2200p 50V 5%	
C210	318-103-0550	MEM 0.01u 50V	
C223	300-102-1620	EC 1000u 16V 85°C	
C225	300-101-3520	EC 100u 35V 85°C	
C301	305-104-0550	PEI 0.1u 50V 5%	
C302	305-103-0550	PEI 0.01u 50V 5%	
C303	326-821-0520	PPL 820p 50V 2%	5mm
C304	318-103-0550	MEM 0.01u 50V 5%	
C305	300-4R7-5020	EC 4.7u 50V 85°C	
C306	300-4R7-5020	EC 4.7u 50V 85°C	
C307	308-221-1150	CC 220p 50V 5% NPO	
C308	328-104-2690	CC 0.1u 50V	
C310	305-102-0550	PEI 1000p 50V 5%	
C311	313-222-0520	PPN 2200p 50V 2%	
C312	300-470-1620	EC 47u 16V 85°C	
C314	300-470-1620	EC 47u 16V 85°C	
C315	318-474-0650	MPE 0.47u 63V 5%	
C316	318-154-0650	MPE 0.15u 63V 5%	
C317	328-104-2690	C C 0.1u 50V	
C318	300-471-1620	EC 470u 16V 85°C	
C319	308-221-1150	CC 220p 50V 5% NPO	
C329	307-102-3160	CC 1000p 500V 10% Y5P	

C330	328-104-2690	CC 0.1u 50V	
C332	318-473-2550	MEM 0.047u 250V 5%	5mm
C333	300-331-1620	EC 330u 16V 85°C	
C334	300-470-0422	EC 47u 250V 85°C	
C335	309-432-1552-T	PPS 4300p 1.5KV 5%	
C336	300-221-2525	EC 220u 25V 105°C	
C337	307-222-3160	CC 2200p 500V 10% Y5P	
C338	307-101-4160	CC 100p 1KV 10% Y5P	
C339	307-101-4160	CC 100p 1KV 10% Y5P	
C340	307-222-3160	CC 2200p 500V 10% Y5P	
C341	310-244-0452-T	MPP 0.24u 400V 5%	796N Only
C341	310-204-0452-T	MPP 0.20u 400V 5%	797N Only
C342	300-1R0-0420	EC 1u 250V 85°C	
C345	300-4R7-5020	EC 4.7u 50V 85°C	
C346	328-103-2260	AXMIAL CC-Cap 0.01u 50V 10%	
C348	328-103-2260	AXMIAL CC-Cap 0.01u 50V 10%	
C349	300-101-1620	EC 100u 16V 85°C	
C351	328-104-2690	AXIMAL CC-Cap 0.1u 50V	
C353	310-683-0452	MPP 0.068u 400V 5%	797N&996N&997N
C353	310-124-0452	MPP 0.12u 400V	796N Only
C355	300-100-5020	EC 10u 50V 85°C	
C359	310-125-0252	MPP 1.2u 250V 5%	25mm
C360	300-4R7-5020	EC 4.7u 50V 85°C	
C361	310-474-0252	MPP 0.47u 250V 5%	797N&996N&997N
C361	310-624-0252	MPP 0.62u 250V	796N Only
C362	310-244-0452	MPP 0.24u 400V 5%	996N&997N
C362	310-204-0452	MPP 0.20u 400V 5%	797N Only
C362	310-224-0452	MPP 0.22u 400V	796N Only
C365	319-221-2060	CC 220p 2KV 10% Low DF TP.	
C367	318-332-0150	MEM 3300p 100V 5%	
C371	300-4R7-5020	EC 4.7u 50V 85°C	
C382	307-101-1170	CC 100p 50V	
C401	300-470-0422	EC 47u 250V 85°C	
C402	318-473-2550	MEM 0.047u 250V 5%	5mm
C404	309-222-1652	PPS 2200p 1.6KV 5%	
C405	300-100-0422	EC 10u 250V 85°C	
C406	300-100-5020	EC. 10u 50V 85°C	
C412	300-2R2-5020	E.C 2.2u 50V 85°C	
C413	305-102-0550	PEI 1000p 50V 5%	
C414	302-1R0-5020	NP 1u 50V	
C415	307-331-1160	CC 330p 50V 10%	
C418	307-102-1170	CC 1000p 500V 20%	

C419	328-103-2260	AXMIAL CC-Cap 0.01u 50V 10%	
C420	300-101-1620	EC 100u 16V 85°C	
C421	300-3R3-5020	EC 3.3u 50V 85°C	
C429	318-102-0550	MEM 1000p 50V 5%	
C430	305-682-0550	PEI 6800p 50V 5%	
C431	300-100-5020	EC 10u 50V 85°C	
C432	308-330-1150	CC 33p 50V 5% NPO	
C460	308-101-1150	CC 100p 50V 5% NPO	
C4A1	318-104-2550	MEM 0.1u 250V	
C4A2	307-822-1170	CC 8200p 50V	797N Only
C4A2	307-472-1170	CC 4700p 50V	796N&996N
C4A2	307-682-1170	CC 6800p 50V	997N Only
C4A3	318-104-0550	MEM 0.1u 50V	
C4A4	307-102-1160	CC 1000p 50V 10%	
C4A6	300-221-2522	EC 220u 25V	
C501	307-471-1160	CC 470p 50V 10%	
C502	328-104-2690	C C 0.1u 50V	
C503	328-104-2690	C C 0.1u 50V	
C504	300-221-1020	EC 220u 10V 85°C	
C505	308-330-1150	CC 33p 50V 5% NPO	
C506	308-330-1150	CC 33p 50V 5% NPO	
C507	328-104-2690	C C 0.1u 50V	
C511	300-4R7-5020	EC 4.7u 50V 85°C	
C514	308-330-1150	CC 33p 50V 5% NPO	
C518	300-100-5020	EC 10u 50V 85°C	
C519	328-103-2260	AXMIAL CC-Cap 0.01u 50V 10%	
C520	328-104-2690	CC 0.1u 50V	
C521	300-221-1020	EC 220u 10V 85°C	
C522	328-104-2690	CC 0.1u 50V	
C523	300-101-1020	EC 100u 10V 85°C 20%	
C524	300-1R0-5020	EC 1u 50V 85°C	
C527	300-4R7-5020	EC 4.7u 50V 85°C	
C528	328-104-2690	C C 0.1u 50V	
C529	307-101-1170	CC 100p 50V 20% Y5P	
C530	308-221-1150	CC 220p 50V 5% NPO	
C531	307-101-1170	CC 100p 50V 20% Y5P	
C535	307-471-1160	CC 470p 50V 10%	
C539	307-471-1160	CC 470p 50V 10%	
D101	522-010-BY26E	Diode BYV26E 1A 1KV 75ns	
D102	522-030-SF36	Diode SF36	1'st Source
D102	522-030-ER306	Diode ER306	2'nd Source
D102 Heat Sink	120-005-A564-A	D102 Heat Sink	
D103	520-001-4148	Diode 1N4148 0.5A 50V	

D106	522-020-H203	Diode HER203 2A 200V 50ns	
D107	522-010-H105	Diode HER105	PFC
D108	522-030-5407-F	Diode UF5407G	2'nd Source
D108	522-030-H307G-F	Diode HER307G	1'st Source
D109	522-020-H207-F	Diode HER207G	1'st Source
D109	522-020-208G-T	Diode UF208G	2'nd Source
D110	522-030-SF36	Diode SF36	1'st Source
D110	522-030-ER306	Diode ER306	2'nd Source
D110 Heat Sink	120-005-A564-A	D102 Heat Sink	
D112	522-030-5402-F	Diode UF5402G	2'nd Source
D112	522-030-H303G-F	Diode HER303G	1'st Source
D113	522-013-BYD33D	Diode BYD33D 1A 200V	
D114	520-007-5819	Diode 1N5819 1A 50V	
D117	522-030-5407-F	Diode UF5407G	2'nd Source
D117	522-030-H307G-F	Diode HER307G	1'st Source
D119	520-001-4148	Diode 1N4148 0.5A 50V	
D120	520-001-4148	Diode 1N4148 0.5A 50V	
D121	520-001-4148	Diode 1N4148 0.5A 50V	
D122	520-001-4148	Diode 1N4148 0.5A 50V	
D125	520-001-4148	Diode 1N4148	
D131	520-001-4148	Diode 1N4148	
D204	520-010-4002	Diode 1N4002	
D301	520-001-4148	Diode 1N4148 0.5A 50V	
D309	522-050-54RC	Diode DD54RC	
D310	522-013-BYD33G	Diode BYD33G 1A 400V	
D312	522-030-5821-F	Diode 1N5821 3A 30V	
D313	522-010-BY26C	Diode BYV26C 1A 600V 30ns	
D314	520-001-4148	Diode 1N4148 0.5A 50V	
D316	522-013-BYD33D	Diode BYD33D 1A 200V	
D317	522-013-BYD33D	Diode BYD33D 1A 200V	
D321	520-001-4148	Diode 1N4148	
D322	520-001-4148	Diode 1N4148 0.5A 50V	
D324	520-001-4148	Diode 1N4148 0.5A 50V	
D325	520-001-4148	Diode 1N4148 0.5A 50V	
D326	520-001-4148	Diode 1N4148 0.5A 50V	
D401	522-030-H308G-F	Diode HER308G 3.0A 1000V 70ns	
D402	520-001-4148	Diode 1N4148 0.5A 50V	
D403	520-001-4148	Diode 1N4148 0.5A 50V	
D407	522-013-BYD33G	Diode BYD33G 1A 400V	
D408	520-001-4148	Diode 1N4148 0.5A 50V	
D411	520-001-4148	Diode 1N4148 0.5A 50V	
D417	520-010-4002	Diode 1N4002	
D418	520-010-4002	Diode 1N4002	

D419	520-001-4148	Diode 1N4148 0.5A 50V	
D420	522-013-BYD33D	Diode BYD33D 1A 200V	
D421	520-001-4148	Diode 1N4148 0.5A 50V	
D422	520-001-4148	Diode 1N4148 0.5A 50V	
D423	520-001-4148	Diode 1N4148 0.5A 50V	
D4A1	520-001-4148	Diode 1N4148 0.5A 50V	
D4A2	520-001-4148	Diode 1N4148 0.5A 50V	
D4A3	520-001-4148	Diode 1N4148 0.5A 50V	
D4A4	520-001-4148	Diode 1N4148 0.5A 50V	
D4A5	520-001-4148	Diode 1N4148 0.5A 50V	
D4A6	520-001-4148	Diode 1N4148 0.5A 50V	
D506	520-010-4002	Diode 1N4002	
F101	550-141-4000	Fuse 4.0A 250V	
F101	551-021-0001	Fuse Clip 20mm*2	
FD101	760-100-0002	Bead Core RHW 3.5*6*1.0	
FD102	760-100-0002	Bead Core RHW 3.5*6*1.0	
FD108	760-100-0002	Bead Core RHW 3.5*6*1.0 TP	
FD110	760-100-0001	Bead Core	
FD111	760-100-0029	Bead Core	996N&997N
FD111	622-10A-0501	Jumper 0.56D*5mm	796N&797N
FD303	760-100-0002	Bead Core RHW 3.5*6*1.0	
FD401	760-100-0002	Bead Core RHW 3.5*6*1.0	
EMI For G2 Wire	760-300-0000	Ring Core	996N&997N
EMI For G4&G2 Wire	760-300-0012	Ring Core	796N&797N
EMI For G4&G2 Wire	760-300-0003	Ring Core	796N&797N
EMI For G4 Wire	760-300-0012	Ring Core	996N&997N
EMI For G4 Wire	760-300-0003	Ring Core	996N&997N
GND1	630-001-3001	ROUND PIN TP D=2.36 L=14.2mm	
GND2	630-001-3001	ROUND PIN TP D=2.36 L=14.2mm	
IC101	504-200-3842A	IC KA3842A	
IC102	505-093-76285	IC Regulator AMC76285 5V/300mA	
IC103	504-150-721F	IC PS2561-M/TLP721F-GR	2'nd Source
IC103	504-150-1010	IC COSMO K1010HB Photo coupler	1'st Source
IC104	504-200-0431	IC Regulator TL431	
IC106	505-1R5-7812	IC Regulator 7812	
IC106 Heat Sink	120-005-A564-A	IC106 Heat Sink	
IC201	504-900-8172	IC TDA8172	
IC201 Heat Sink	120-001-797N-A	IC201 Heat Sink	
IC301	504-700-9112	IC Linear 32P Deflection TDA9112	
IC401	504-200-3843AP	IC UC3843AP	1'st Source
IC401	504-200-3843B	IC KA3843B	2'nd Source
IC501	410-040-0202	IC Socket 40Pin	
IC501	503-100-62P1	IC Weltrend WT62P1-N40 MCU	

IC502	410-008-0102	IC Socket 8Pin	
IC502	501-000-2408	IC AT24C08	
JK301	409-003-0201A	DC Power Jack 2 ϕ 3Pin SCD-017	Option
L102	750-100-770VC	Line. Filter Ferrite Core ET-24	
L103	750-100-770VC	Line. Filter Ferrite Core ET-24	
L104	730-122-P7SE-1	PFC Trans. (Choke) 180uH	PFC
L105	745-272-2064	Coil Line. Choke 2.7mH 10%	5mm
L301	740-200-797N	Coil Linear. Coil 5.95uH	
L304	745-132-2064	Coil Line. Choke 1.3mH	
L311	745-402-2064	Coil Line Choke 4Mh	
NTC101	218-5R0-0571A	NTC 5 Ω 15% 5A P=7.5mm	
P102	630-002-2002	Base 1.56D 2Pin VDE 94-0	
P104	631-013-1006-B	Connector 1007#24 13Pin	
P301	630-002-4001	Base 2.5D 2Pin	Option
P302	483-002-2040	Header 2.54 Dual S2*4P L=6mm	
P302	630-006-1001S	Jumper Box 2.54 S2*3P	
P401	630-004-3001	Header 10/8 L1*4P L=10mm	
P402	483-002-1020	Header 2.54 S1*2P L=6mm	
P501	630-005-4001	Header 2.54 S1*5P A/W	Plug 2~6P
P503	630-002-4001	Base 0.6D 2Pin	
P504	630-002-4001	Base 0.6D 2Pin	796N Only
P504	630-003-4003	Base Pitch 2.5 3Pin	797N/996N/997N
P510	630-008-4001	Base 2.5D 8Pin	
P510	630-006-4001	Base 2.5D 6Pin	MAG機種插3~8P
P511	630-007-4001	Base 2.5D 7Pin	MAG機種
PTC101	219-9R0-0171	PTC Case Type 9 Ohm 2Pin	
Q102	510-023-0945	Tr. 2SC945P/Q	
Q104	511-001-2746	Tr. FET 2SK2746 / 800V/7A/RDS 1.3 Ω	For 110Vac
Q104	511-001-2611	Tr. 2SK2611 / 900V/9A/RDS 1.1 Ω	For 230Vac
Q104 Heat Sink	120-001-772I-D	Q104 Heat Sink	
Q110	510-010-0562	Tr. HSB562-C	
Q111	510-023-0945	Tr. 2SC945P/Q	
Q113	510-023-0945	Tr. 2SC945P/Q	
Q114	510-023-0945	Tr. 2SC945P/Q	
Q116	510-000-0733	Tr. 2SA733P/Q	
Q117	510-023-0945	Tr. 2SC945P/Q	
Q303	510-050-6718V	Tr. H2N6718V 100V, 1A, TO126	
Q304	510-000-0733	Tr. 2SA733P/Q	
Q305	510-023-0945	Tr. 2SC945P/Q	
Q307	510-023-0945	Tr. 2SC945P/Q	
Q308	510-000-0733	Tr. 2SA733P/Q	
Q309	510-023-5411	Tr. 2SC5411	
Q309 Heat Sink	120-005-797N-C	Q401/Q402/Q309/D309 Heat Sink	

Q310	511-001-0941	Tr. 2SK941 (G.D.S)	
Q311	511-2SJ-0449	Tr. MOSFET 2SJ449 / 250V 6A 0.8Ω	
Q311 Heat Sink	120-006-797N	Q311 Heat Sink	
Q315	511-005-0630MF	Tr. MOS FET IGFS630A	
Q315 Heat Sink	120-003-797N	Q315/Q316/Q317/Q324 Heat Sink	
Q316	511-005-0630MF	Tr. MOS FET IGFS630A	
Q317	511-005-0630MF	Tr. MOS FET IGFS630A	
Q318	511-005-0630MF	Tr. MOS FET IGFS630A	
Q319	510-KRC-103M	Tr. KRC-103M	
Q320	510-KRC-103M	Tr. KRC-103M	
Q321	510-KRC-103M	Tr. KRC-103M	
Q322	510-KRC-103M	Tr. KRC-103M	
Q351	510-010-772SP	Tr. HSB772S	
Q352	510-023-0945	Tr. 2SC945P	
Q401	511-001-2608	Tr. 2SK2608 / 900V/3A/3.73Ω	2'nd Source
Q401	511-010-3KM18A	Tr. FS3KM-18A / 900V/3A/4.0Ω	
Q402	511-2SJ-0512	Tr. MOSFET TR 2SJ512 / 250V 5A 1.0Ω	2'nd Source
Q402	511-SFS-9634	Tr. 2SJ9634 / SFS9634	
Q407	510-023-0945	Tr. 2SC945P/Q	
Q409	510-000-0733	Tr. 2SA733P/Q	
Q415	510-300-SA44	Tr. HMPSA44	
Q421	510-023-0945	Tr. 2SC945P/Q	
Q4A1	510-200-0423	Tr. BF423 PNP	
Q4A2	510-023-0945	Tr. 2SC945P/Q	
Q4A3	510-023-0945	Tr. 2SC945P/Q	
Q4A4	510-023-0945	Tr. 2SC945P/Q	
Q4A5	510-200-0423	Tr. BF423 PNP	
Q501	510-000-0733	Tr. 2SA733P/Q	
Q502	510-023-0945	Tr. 2SC945P/Q	
Q504	510-023-0945	Tr. 2SC945P/Q	
Q506	510-JC3-3725	Tr. JC337-25	
Q510	510-JC3-2725	Tr. JC327-25	
Q512	510-000-0733	Tr. 2SA733P/Q	
Q514	510-023-0945	Tr. 2SC945P/Q	
Q551	510-023-1213	Tr. 2SC1213	
Q552	510-001-0673	Tr. 2SA673	
R101	210-105-0256	1M 1/2W	
R102	213-823-1059	82K 1W	20mm
R103	2220-224-3055	220K 3W	PFC
R109	210-473-0856	47K 1/8W	
R110	210-471-0856	470Ω 1/8W	
R111	210-103-0456	10K 1/4W	
R112	213-823-1059	82K 1W	20mm

R113	221-081-1001	1K 1/8W 1%	
R114	210-223-0856	22K 1/8W	
R115	210-103-0856	10K 1/8W	
R117	210-472-0456	4.7K 1/4W	
R118	210-222-0856	2.2K 1/8W	
R120	210-683-0256	68K 1/2W	
R121	210-221-0456	220 Ω 1/4W	
R123	210-820-0856	82 Ω 1/8W	
R124	213-393-1059	39K 1W	
R125	210-471-0856	470 Ω 1/8W	
R126	232-R22-2059	0.22 Ω 2W	20mm
R128	210-100-0856	10 Ω 1/8W	
R133	210-102-0856	1K 1/8W	
R134	210-221-0456	220 Ω 1/4W	
R135	210-103-0856	10K 1/8W	
R136	210-103-0456	10K 1/4W	
R139	210-152-0856	1.5K 1/8W 5%	
R140	210-153-0856	15K 1/8W	
R141	210-472-0856	4.7K 1/8W	
R142	210-103-0456	10K 1/4W	
R143	210-105-0256	1M 1/2W	
R144	210-223-0256	22K 1/2W	
R145	213-393-1059	39K 1W	
R146	210-752-0456	7.5K 1/4W	
R147	210-391-0856	390 Ω 1/8W	
R148	210-472-0456	4.7K 1/4W	
R150	210-101-0456	100 Ω 1/4W	
R151	210-104-0856	100K 1/8W	
R152	210-472-0856	4.7K 1/8W	
R155	210-562-0856	5.6K 1/8W	
R158	210-102-0456	1K 1/4W	
R159	210-2R0-0256	2 Ω 1/2W	
R183	210-473-0456	47K 1/4W	
R184	210-100-0856	10 Ω 1/8W	
R185	210-471-0456	470 Ω 1/4W	
R186	550-850-2000	Fuse 2A	Option
R187	210-304-0256	300K 1/2W	
R189	210-333-0856	33K 1/8W	
R190	210-103-0856	10K 1/8W	
R191	210-101-0856	100 Ω 1/8W	
R192	210-301-0856	300 Ω 1/8W 5%	
R193	210-103-0856	10K 1/8W	
R201	213-7R5-2059	7.5 Ω 2W	

R201A	213-7R5-2059	7.5 Ω 2W	
R202	221-041-3602	36K 1/4W 1%	
R203	210-123-0456	12K 1/4W	
R207	210-1R2-0256	1.2R 1/2W	
R208	213-221-1059	220 Ω 1W	
R223	213-7R5-2059	7.5 Ω 2W	
R223A	213-7R5-2059	7.5 Ω 2W	
R226	210-R91-0256	0.91 Ω 1/2W	
R233	221-041-5801	5.8K 1/4W 1%	
R234	210-562-0456	5.6K 1/4W	
R301	210-101-0456	100 Ω 1/4W	
R302	210-101-0456	100 Ω 1/4W	
R303	221-081-5621	5.62K 1/8W 1%	
R304	210-222-0856	2.2K 1/8W	
R305	210-823-0856	82K 1/8W	
R306	221-081-2152	21.5K 1/8W 1%	
R308	210-473-0856	47K 1/8W	
R309	210-562-0456	5.6K 1/4W	
R310	210-274-0456	270K 1/4W	
R311	210-102-0856	1K 1/8W	
R312	210-473-0856	47K 1/8W	
R313	210-304-0856	300K 1/8W	
R314	213-100-2059	10 Ω 2W	20mm
R315	221-081-4901	4.9K 1/8W 1%	
R316	210-103-0856	10K 1/8W 5%	
R317	210-103-0856	10K 1/8W	
R318	221-041-1002	10K 1/4W 1%	
R321	210-221-0856	220 Ω 1/8W	
R333	213-101-1059	100 Ω 1W	
R334	213-220-1059	22 Ω 1W	
R336	210-102-0856	1K 1/8W	
R337	210-102-0856	1K 1/8W	
R338	210-100-0856	10 Ω 1/8W	
R339	210-472-0856	4.7K 1/8W	
R340	210-100-0856	10 Ω 1/8W	
R341	213-100-2059	10 Ω 2W	20mm
R342	213-221-2059	220 Ω 2W	
R346	213-150-2059	15 Ω 2W	12.5mm
R349	210-470-0856	47 Ω 1/8W	
R350	213-R91-5062	0.91 Ω 5W	1'st Source
R350	213-R91-5063	0.91 Ω 5W	2'nd Source
R353	213-223-2059	22K 2W	
R357	210-221-0456	220 Ω 1/4W	

R358	214-R47-0456	0.47 Ω	1/4W	Fusible	
R359	210-101-0856	100 Ω	1/4W		
R361	210-472-0856	4.7K	1/8W		
R362	210-472-0456	4.7K	1/4W		
R364	210-472-0856	4.7K	1/8W		
R366	220-181-3059	180 Ω	3W		
R367	210-472-0856	4.7K	1/8W		
R370	210-101-0456	100 Ω	1/4W		
R371	210-101-0456	100 Ω	1/4W		
R372	210-101-0456	100 Ω	1/4W		
R373	210-330-0456	33 Ω	1/4W		
R374	210-272-0856	2.7K	1/8W		
R381	210-330-0256	33 Ω	1/2W		
R391	210-223-0856	22K	1/8W		
R394	213-R50-1059	0.5 Ω	1W		
R395	210-103-0856	10K	1/8W		
R396	210-511-0856	510 Ω	1/8W		
R397	210-103-0856	10K	1/8W		
R398	210-222-0856	2.2K	1/8W		
R399	210-101-0856	100 Ω	1/8W		
R39A	210-682-0856	6.8K	1/8W		
R39F	210-472-0856	4.7K	1/8W		
R401	210-472-0856	4.7K	1/8W		
R402	210-560-0856	56 Ω	1/8W		
R408	210-183-0456	18K	1/4W		
R411	210-102-0456	1K	1/4W		
R412	210-333-0456	33K	1/4W		10mm
R413	210-102-0856	1K	1/8W		
R414	210-103-0856	10K	1/8W		
R415	210-105-0856	1M	1/8W		
R416	210-102-0256	1K	1/2W		
R423	210-271-0856	270 Ω	1/8W		
R424	210-432-0856	4.3K	1/8W		
R425	210-513-0856	51K	1/8W		796N&797N
R425	210-393-0856	39K	1/8W		996N&997N
R426	210-472-0856	4.7K	1/8W		
R427	210-100-0856	10 Ω	1/8W		
R428	210-471-0856	470 Ω	1/8W		
R430	214-1R0-0456	1 Ω	1/4W	Fusible	
R431	210-621-0256	620 Ω	1/2W		
R433	210-101-0456	100 Ω	1/4W		
R435	210-221-0856	220 Ω	1/8W		
R451	210-134-0256	130K	1/2W		

R452	210-134-0256	130K	1/2W	
R453	221-081-5902	59K	1/8W 1%	
R455	221-081-4701	4.7K	1/8W 1%	
R456	210-102-0456	1K	1/4W	
R457	210-102-0856	1K	1/8W	
R458	221-081-7500	750 Ω	1/8W 1%	
R461	210-301-0856	300 Ω	1/8W	
R462	213-R39-1059	0.39 Ω	1W	
R465	210-100-0456	10 Ω	1/4W	
R466	210-104-0256	100K	1/2W	
R472	221-081-7401	7.4K	1/8W 1%	
R481	210-101-0456	100 Ω	1/4W	
R484	210-225-0456	2.2M	1/4W 5%	
R487	214-1R0-0259	1 Ω	1/2W Fusible	
R4A1	210-242-0856	2.4K	1/8W	
R4A2	210-362-0856	3.6K	1/8W	
R4A3	210-114-0456	110K	1/4W	
R4A4	210-102-0856	1K	1/8W	
R4A5	210-822-0856	8.2K	1/8W	
R4A6	210-392-0856	3.9K	1/8W	
R4A7	210-302-0856	3K	1/8W	
R4A8	210-104-0856	100K	1/8W	
R4A9	210-512-0456	5.1K	1/4W	
R4F1	210-102-0856	1K	1/8W	
R4F2	210-103-0856	10K	1/8W	
R4F5	210-472-0856	4.7K	1/8W	
R4F6	210-103-0856	10K	1/8W	
R4F7	210-101-0856	100 Ω	1/8W	
R4F8	210-273-0256	27K	1/2W	
R4F9	210-472-0856	4.7K	1/8W	
R501	210-101-0856	100 Ω	1/8W	
R502	210-101-0856	100 Ω	1/8W	
R503	210-101-0856	100 Ω	1/8W	
R504	210-272-0856	2.7K	1/8W	
R505	210-471-0856	470 Ω	1/8W	
R506	210-102-0856	1K	1/8W	
R507	210-752-0856	7.5K	1/8W	
R508	210-102-0456	1K	1/4W	
R509	210-472-0456	4.7K	1/4W	
R511	210-222-0456	2.2K	1/4W	
R512	210-471-0456	470 Ω	1/4W	
R513	210-103-0856	10K	1/8W	
R514	210-681-0856	680 Ω	1/8W	

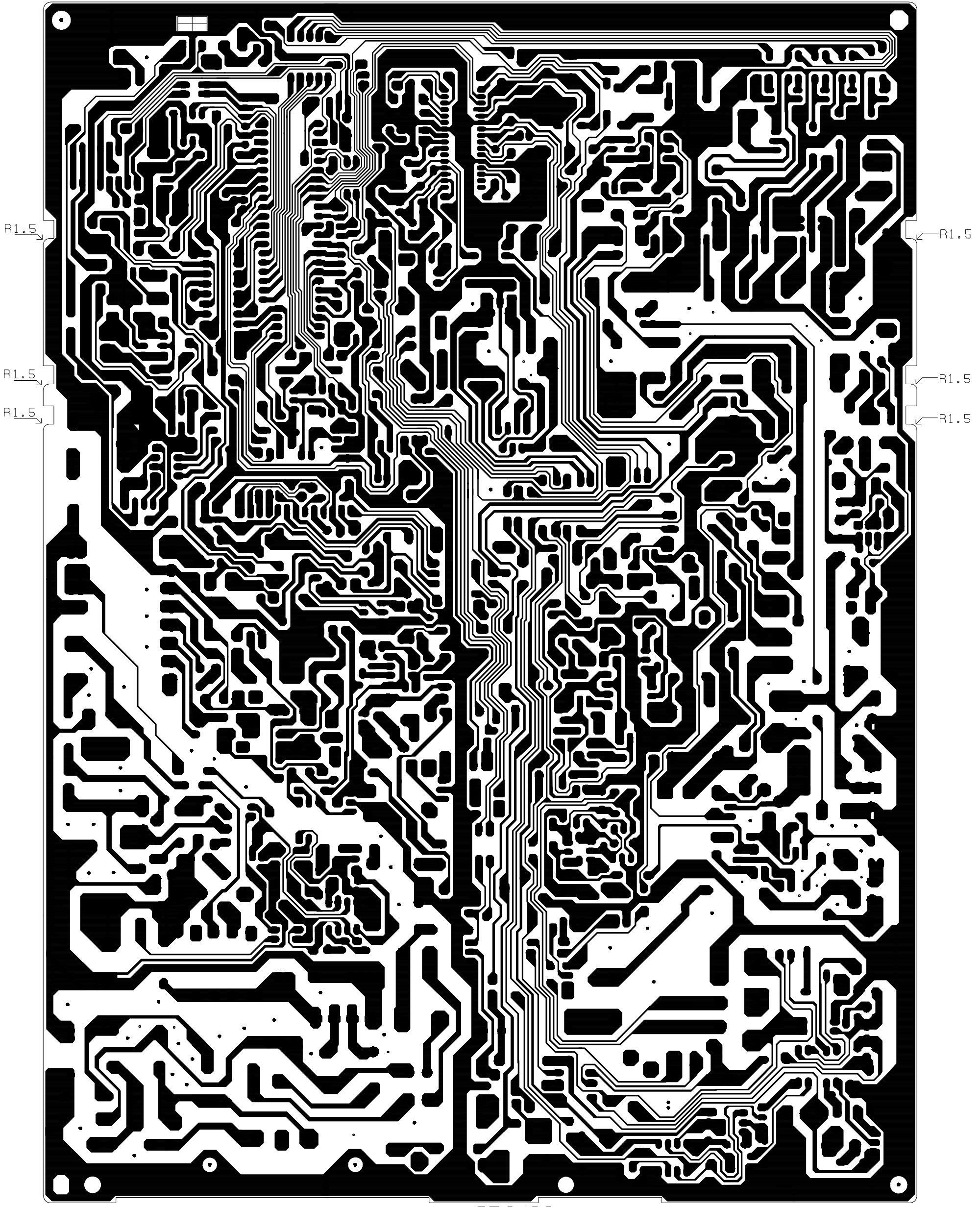
R515	210-222-0856	2.2K 1/8W	
R516	210-222-0856	2.2K 1/8W	
R519	210-101-0856	100Ω 1/8W	
R520	210-101-0856	100Ω 1/8W	
R527	210-102-0856	1K 1/8W	
R529	210-472-0856	4.7K 1/8W	
R530	210-432-0856	4.3K 1/8W	
R531	210-271-0856	270Ω 1/8W	
R532	210-432-0856	4.3K 1/8W	
R533	210-102-0856	1K 1/8W	
R534	210-101-0856	100Ω 1/8W	
R535	210-101-0856	100Ω 1/8W	
R536	210-472-0856	4.7K 1/8W	
R549	221-081-1802	18 K 1/8W 1%	
R550	221-081-2871	2.87K 1/8W 1%	
R553	210-101-0856	100Ω 1/8W	
R555	210-472-0856	4.7K 1/8W	
R581	210-472-0856	4.7K 1/8W	
R582	210-561-0856	560Ω 1/8W	
R583	210-102-0856	1K 1/8W	
R584	210-473-0856	47K 1/8W	
R589	210-101-0856	100Ω 1/8W	
RL101	402-001-212DM5	Relay DC12V 5A/250V	
RL102	402-001-206DM5	Relay DC6V 5A/250V	
For EMI	760-300-0003	Ring Core	996N&997N
RP501	216-103-0557	RES ARRAY 10K*5R 5% 1/8W	
RP502	216-332-0857	RES ARRAY 3K3*8R 5% 1/8W	
Support Bracket	121-001-P6SE	Support Bracket	
T101	730-102-797N	Power Trans. (ERL39) Lp=600uH	
T102	730-601-P7SE	Isolation Transformer	
T302	730-502-797N	Pincushion X'FMR EI-25	
T303	730-200-770VC	Drive X'FMR EI-19	
T304	730-002-797N	Center X'FMR EI-25	
T305	730-402-797N	Focus X'FMR EI—22	
T401	730-302-797N-B	FBT	
VR101	231-103-0677	10KB 0.3W	
VR302	231-101-0887	100Ω 0.5W 30%	
VR402	231-503-0673	50KB 0.3W	
X501	530-120-0001	Resonator 12MHz	
ZD103	521-005-10R0	Zener Diode 10V	
ZD151	521-005-18R0	Zener Diode 18V	
ZD301	521-005-02R4	Zener Diode 2.4V 2C2	
ZD351	521-005-24R0	Zener Diode 24-2V	

ZD404	521-005-12R0	Zener Diode 12V	
ZD405	521-005-03R3	Zener Diode 3.3V 3C3	
ZD501	521-005-03R9	Zener Diode 3.9V	
ZD502	521-005-05R1	Zener Diode 5.1V	
ZD503	521-005-05R1	Zener Diode 5.1V	
Signal Cable	610-171-158C9	Signal Cable JV-1474	
Rear Bracket	121-002-P6SE	Rear Bracket	
Degaussing Coil	735-017-X771	17" Degaussing Coil	
CRT Ground Wire	800-100-797N-A	17" CRT Ground Wire	796N&797N
CRT Ground Wire	800-100-C919	19" CRT Ground Wire	996N&997N

Video PCB Parts List

Location	Parts Number	Parts Description	Q'ty	Description
R605	210-101-0256	100Ω 1/2W	1	
R612,668,633,653,673	210-101-0456	100Ω 1/4W	5	
R624,625,685	210-101-0856	100Ω 1/8W	3	
R643,663,683	210-102-0456	1K 1/4W	3	
R660,687	210-103-0856	10K 1/8W	2	
R699	210-394-0856	390K 1/8W	1	
R698	210-123-0856	12K 1/8W	1	
R681,689	210-1R0-0456	1Ω 1/4W	2	
R608,648,665,646	210-223-0856	22K 1/8W	4	
R631,651,671	210-224-0456	220K 1/4W	3	
R620	210-333-0256	33KΩ 1/2W	1	
R609,610,611	210-391-0856	390Ω 1/8W	3	
R632,652,672	210-433-0456	43K 1/4W	3	
R637,628,677	210-470-0256	47Ω 1/2W	3	
R634,654,674	210-470-0456	47Ω 1/4W	3	
R604、R606、R607	210-470-0856	47Ω 1/8W	3	
R626,627,676,686	210-471-0456	470Ω 1/4W	4	
R667,669,682,684	210-471-0856	470Ω 1/8W	4	
R666	210-472-0456	4.7K 1/4W	1	
R639,659,679,622,697	210-562-0856	5.6K 1/8W	5	
R638,658,678	210-563-0856	56K 1/8W	3	
R680	210-681-0856	680Ω 1/8W	1	
R615	221-081-4702	47K 1/8W 1%	1	
R601,602,603	210-750-0856	75Ω 1/8W	3	
R616	221-081-8601	8.6K 1/8W 1%	1	
C622,625,631,633,653,673, C620,624,646,607,608,609, C623,638	328-103-2260	CC 0.01u 50V	14	
C630,650,670,632,652,672	300-1R0-0122	CE 1.0u 100V CE	6	
C637	307-102-1170	CC 1000p 50V	1	
C617	307-102-3570	CC 1000p 500V	1	
C675,C677,C676	307-330-1170	CC 33p 50V	3	
C641	307-102-6572	CC 1000p 2KV	1	

C612,613,634,642,680,681, C640	328-104-2690	CC 0.1u 50V	7	
C651	300-100-0125	CE 10u 100V 105°C	1	
C616	300-220-0122	CE 22u 100V	1	
C627	300-470-1620	CE 47u 16V	1	
C614	307-103-6572	CC 0.01u 2KV	1	
C603,610,615,618,619,629, C601,611	300-101-1620	CE 100u 16V	8	
C635,606,639,626	307-103-3570	CC 0.01u 500V	3	
C621	300-2R2-1620	CE 2.2u 16V	1	
C602,604,605	300-100-5020	CE 10u 50V	3	
C644,655	307-680-1170	CC 68p 50V	2	
C654	300-4R7-5020	CE 4.7u 50V	1	
FD631,651,671	745-R47-1162	0.47uH 1/4W	3	
L601,605,FD606	745-101-1062	CHOKe 100u 1/2W	3	
L602,L606,FD601,602,612	760-100-0002	Bead Core	5	
L606	760-100-0001	Bead Core	1	PF-797N Only
SG601	430-301-0001	300V	1	
D602,603,604,606,607,608, D609,610,611,633,653,673, D601,605,612	520-001-4148	Diode 1N4148	15	
D631,D651,D671	522-010-SS83	Diode 1SS83	3	
Q608	510-023-0945	Tr. 2SC945	1	
Q635,655,675	510-200-0422	Tr. BF422	3	
Q634,654,674	510-200-0423	Tr. BF423	3	
Q607	510-000-0733	Tr. 2SA733	1	
IC601	504-550-52743	IC M52743	1	
IC603	504-B00-021M	IC MTV021	1	
IC604	504-000-2435	IC LM2435	1	
IC604 Heat Sink	120-002-770VC-A	IC LM2435 Heat Sink	1	
IC604 Heat Sink	120-001-796N	IC LM2435 Heat Sink	1	
CRT Socket	411-100-0008	For 17" CRT	1	
P601	630-006-4001R	Base 2.5mm 6Pin 90°	1	
P602	630-013-4001R	Base 2.5mm 13Pin 90°	1	
P604 GND	630-001-3001	For GND	1	
CRT PCB	200-200-797N	CRT PCB	1	
CRT/B Rear Shield Cover	123-001-797N-A	CRT/B Rear Shield Cover	1	
CRT/B Front Shield Cover	123-001-C9SE	CRT/B Front Shield Cover	1	



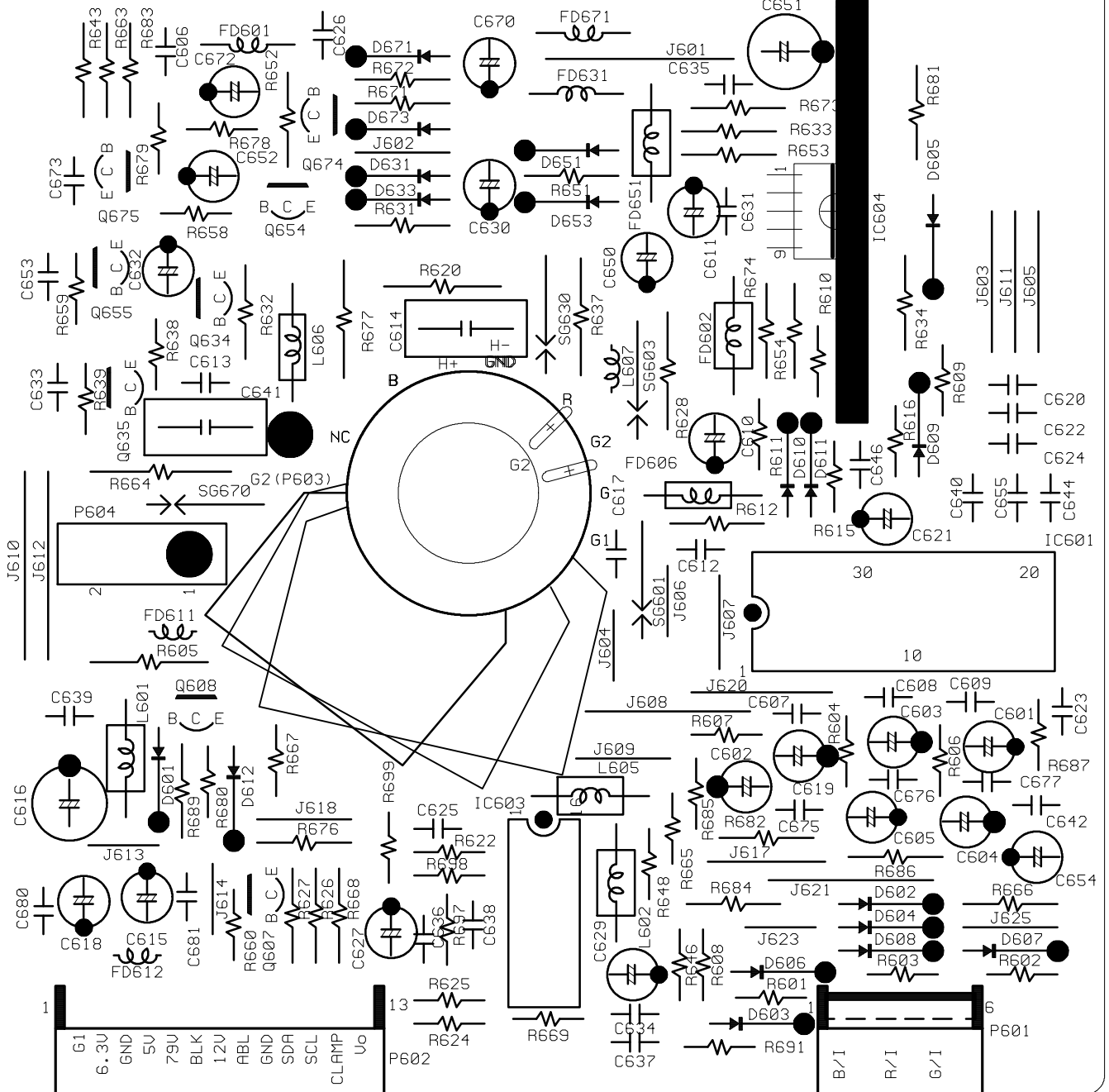
20LDER

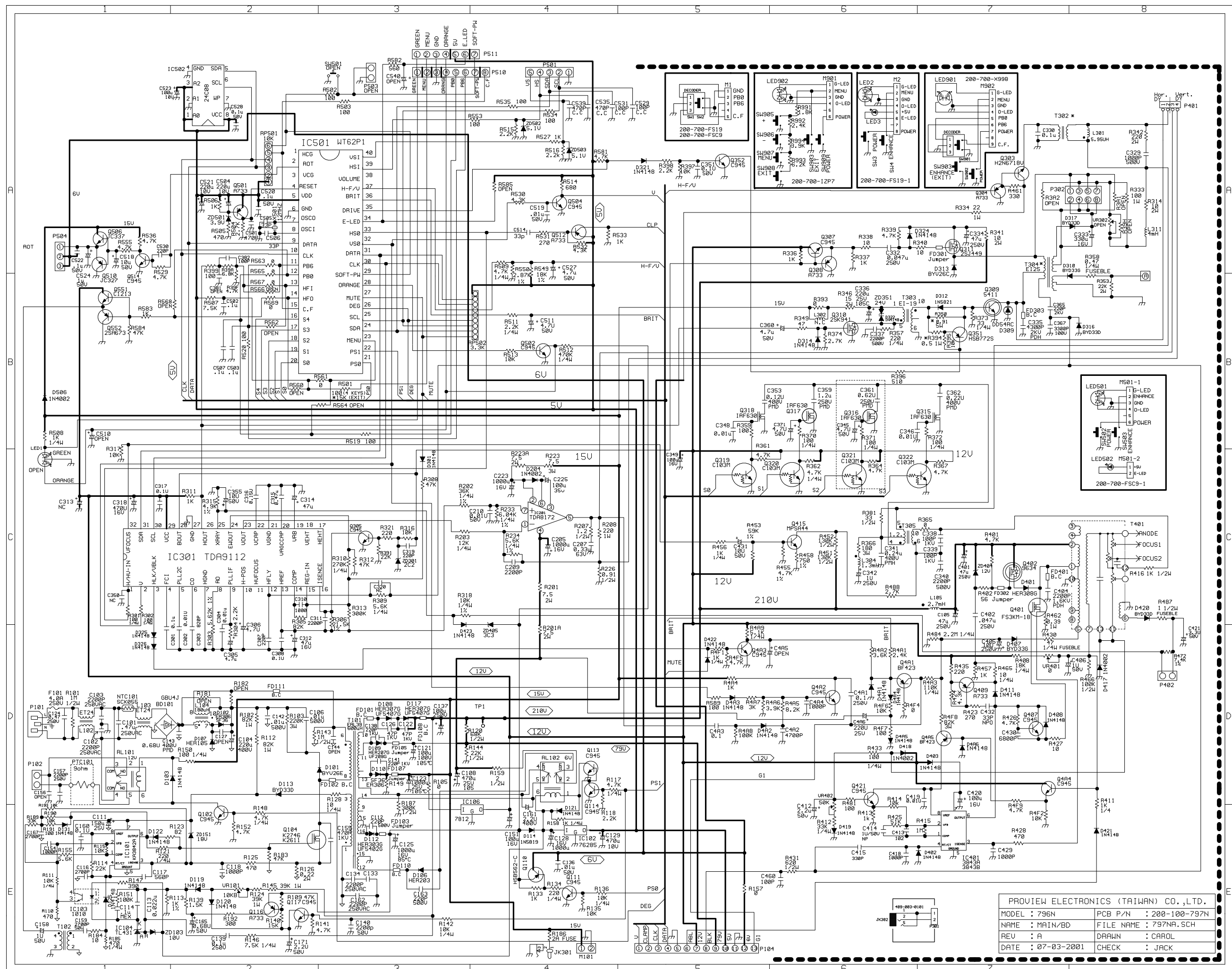


20LDER 2IDE

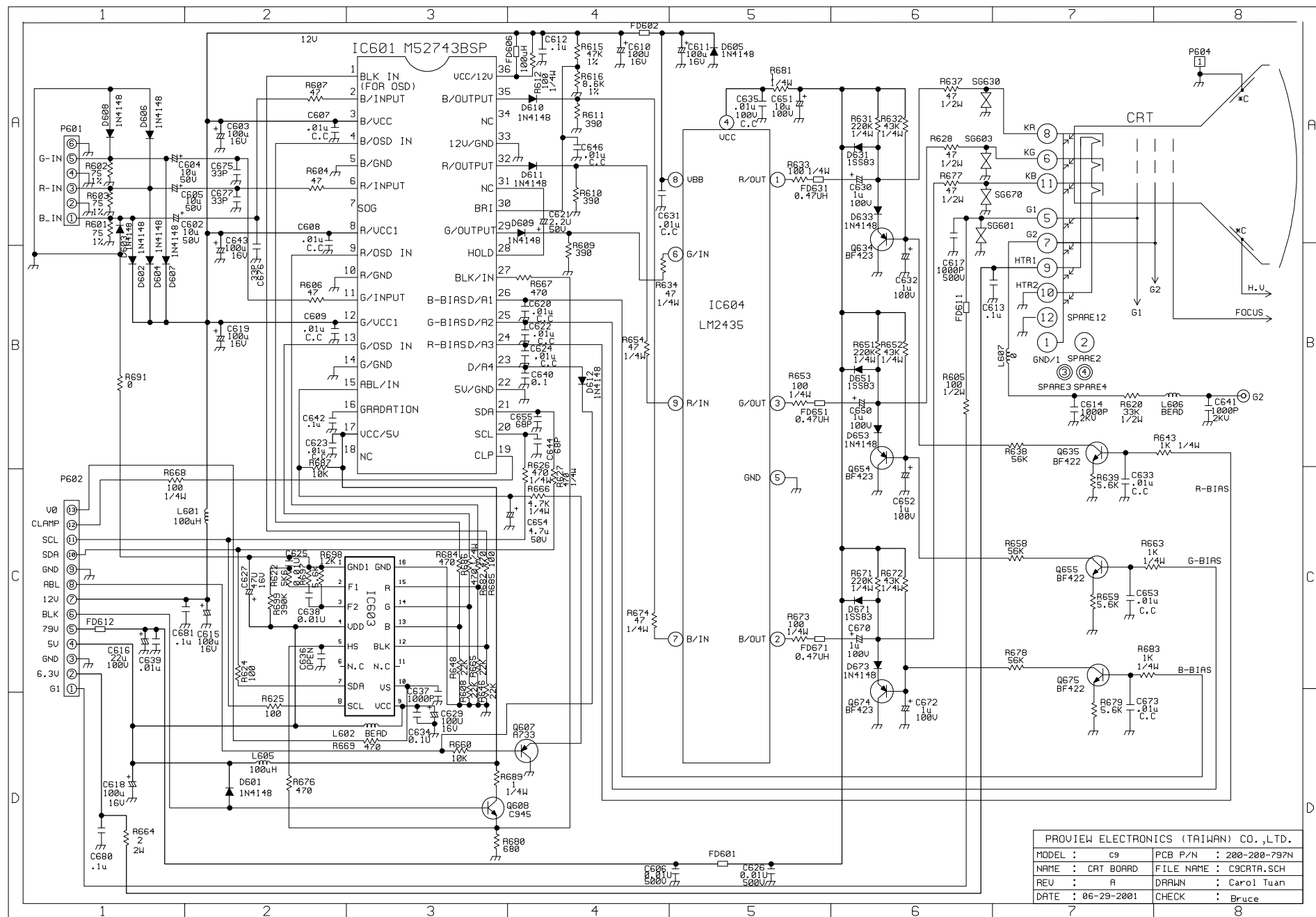
200-200-797N

CRT/BD REV: A





* SOME COMPONENTS' VALUES MAYBE NOT UPDATED , PLEASE CHECK EXACT VALUE FROM BOM.



Note: Resistor without specified value are 1/8W type.
 All capacitors without specified temperature value are 85c type.
 All capacitors not otherwise marked are 50U type.

PROVIEW ELECTRONICS (TAIWAN) CO.,LTD.			
MODEL :	C9	PCB P/N :	200-200-797N
NAME :	CRT BOARD	FILE NAME :	C9CRTA.SCH
REV :	A	DRAWN :	Carol Tuan
DATE :	06-29-2001	CHECK :	Bruce