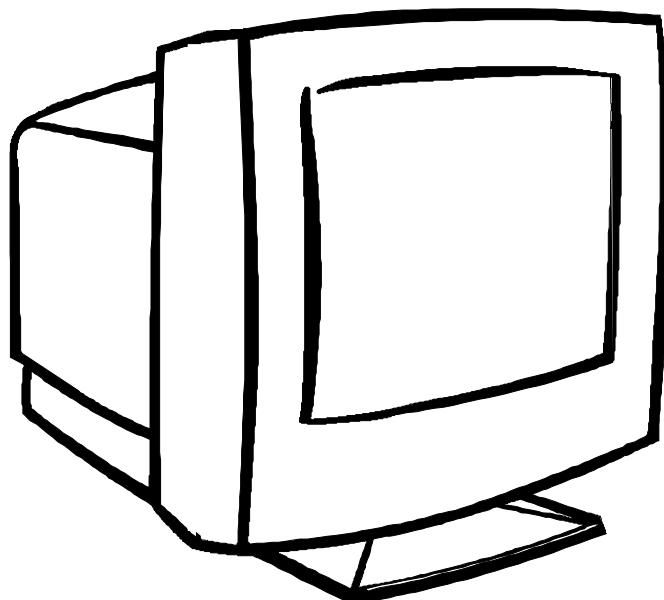


SERVICE MANUAL

COLOR MONITOR

Medion S790V MD1798 OA



F/N : S790V-01-A
Date : Sep-05-01
Version : A01

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1. SPECIFICATIONS FOR MD1798 OA SERIES COLOR MONITOR

1. CRT : 43.2CM(17") 90 Deflection, 29mm Neck, Pure flat 0.25mm Dot Pitch, Non-Glare Screen
2. Viewable image Size: 40.6CM (16") diagonal
3. Display Color: Unlimited Colors
4. External Controls:
Power On/Off, OSD key, Function knob: Contrast, Brightness, H-Size, H-Center, V-Size, V-Center, ZOOM, Pincushion, Trapezoid, Pin-Balance, Parallelogram, Rotation, Moire Reduce, Recall, Degaussing, Color Temperature, use color, exit , language .
5. Input Video Signal

	Mode 1 RGB Analog	Mode 2 RGB Analog	Mode 3 RGB Analog	Mode 4 RGB Analog	Mode 5 RGB Analog	Mode 6 RGB Analog
Horiz. Sync:	TTL Level	TTL Level	TTL Level	TTL Level	TTL Level	TTL Level
	Negative	Negative	Negative	Positive	Positive	Positive
Vert. Sync:	TTL Level	TTL Level	TTL Level	TTL Level	TTL Level	TTL Level
	Positive	Negative	Negative	Positive	Positive	Positive
Horizontal:	720 (H)	640 (H)	640 (H)	800 (H)	800 (H)	800 (H)
Vertical :	400 (V)	480 (V)	480(V)	600(V)	600(V)	600(V)
Fh (kHz):	31.32	31.46	43.269	46.875	53.674	62.966
Fv (Hz) :	70	59.5	85.008	75	85.061	99.472
	Mode 7 RGB Analog	Mode 8 RGB Analog	Mode 9 RGB Analog	Mode 10 RGB Analog	Mode 11 RGB Analog	Mode 12 RGB Analog
Horiz. Sync:	TTL Level	TTL Level	TTL Level	TTL Level	TTL Level	TTL Level
	Positive	Positive	Negative	Positive	Positive	Positive
Vert. Sync:	TTL Level	TTL Level	TTL Level	TTL Level	TTL Level	TTL Level
	Positive	Positive	Negative	Positive	Positive	Positive
Horizontal:	1024 (H)	1024 (H)	1024 (H)	1280 (H)	1280 (H)	1280 (H)
Vertical :	768 (V)	768 (V)	768 (V)	960 (V)	1024 (V)	1024 (V)
Fh (kHz):	60.023	68.677	80.468	85.935	79.976	91.148
Fv (Hz) :	75.029	84.997	99.836	85	75.025	85.000
						1600 (H)
						1200 (V)
						93.750
						75

6. Display Size
Horizontal: 310 mm for other Preset Modes
Vertical: 230 mm for other Modes
Horizontal: 300 mm for 1280x1024 Preset Modes
Vertical: 240 mm for 1280x1024 Modes

6. Scanning Frequencies

Horizontal: 30KHz ~ 98KHz
Vertical: 50 Hz ~ 160 Hz

8. Factory Preset Timings: 13 User Timings: 20

9. Misconvergence
Center: 0.25 mm Max.
Corner: 0.35 mm Max.

10. Dot Rate : 203 MHz

11. Power Source:
Switching Mode Power Supply
AC 100 ~240V, 50/60Hz Universal Type
12. Operating Temperature: 0°C to 40 °C Ambient
13. Humidity : 10% to 85% Relative, Non-Condensing
14. Weight: 16.0 Kgs(Net), Kgs(Gross)
15. Dimensions Monitor:

Carton:	570mm(W) × 450mm(H) × 515 mm (D)
Monitor:	410mm(W) × 411mm(H) × 430mm(D)
16. External Connection :
15 Pin D-type Connector AC Power Cord
17. Regulations: -EN60950+ZH 1/618(VBG104) :GS-MARK
-UL1950
-CSA22.2 NO.950
-VDE 0860 (implosion protection)
-CE
-TCO99
-CB-Certificate and test report according to IEC950

2. PRECAUTIONS AND NOTICES

2-1 SAFETY PRECAUTIONS

1. Observe all caution and safety related notes located inside the display cabinet.
2. Operation of the display with the cover removed, may cause a serious shock hazard from the display power supply. Work on the display should not be attempted by anyone who is not thoroughly familiar with precautions necessary when working on high voltage equipment.
3. Do not install, remove or handle the picture tube in any manner unless shatter-proof goggles are worn. People who are not so equipped should be kept away while handling picture tube. Keep picture tube away from the body while handling.
4. The picture tube is constructed to limit X-RAY radiation to 0.5 mR/HR. For continued protection, use the designated replacement tube only, and adjust the voltages so that the designated maximum rating at the anode will not be exceeded.
5. Symbol  means safety relative parts. The use of substitute replacement parts which do not have the same characteristics as specified in the parts list may create shock, fire or explode etc.
6. Symbol  means X-ray relative parts. Before replacing any of these components please read the parts list

in this manual carefully to avoid creating higher anode voltage or x-ray. Especially for sealed controls, such as VR901, VR902, VR401 and FBT screen VR etc, which were sealed by the manufacturer once their optimum position has been set, please don't dismantle them as you like, otherwise you will break or damage the component. If you need replace the parts with sealed control, please adjust the relative VR to make sure the B+ voltage under 61.0VDC and well seal it with A+B glue or equivalent, which you can not move away with one screw driver.

7. Before returning a serviced display to the customer, a thorough safety test must be performed to verify that the display is safe to operate without danger or shock. Always perform an AC leakage current check on the exposed metallic parts of the cabinet, such as screw heads.

Test method for current leakage is described as follow.

- (a) Plug the AC line cord directly into rated AC outlet (do not use a line isolation transformer during this check).
- (b) Use an AC voltmeter having 5000 ohms per volt or with more sensitivity in the following manner: Connect a 1500 ohms 10 Watt resistor, paralleled by a 0.15UF, AC type capacitor between a known good earth ground (water pipe, conduit, etc.) and the exposed metallic parts simultaneously. Measure the AC voltage across the combination of 1500 ohms resistor and 0.15UF capacitor.
- (c) Reverse the AC plug at the AC outlet and repeat AC voltage measurements for each exposed metallic part.
- (d) Voltage measured must not exceed 0.5 volts RMS. This corresponds to 0.35 milliamp AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.

2-2 PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety visual inspections and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Before replacing any of these components read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create shock, fire, X-RAY radiation or other hazards.

2-3 SERVICE NOTES

1. When replacing parts or circuit boards, clamp the lead wires around terminals before soldering.
2. When replacing a high wattage resistor (more than 1/2W of metal oxide film resistor) in circuit board, keep the resistor about 10mm (1/2 in) away from circuit board.
3. Keep wires away from high voltage or high temperature components.
4. Keep wires in their original position so as to reduce interference.

HIGH VOLTAGE WARNING

Operation of monitor outside of cabinet or with back removed may cause a serious shock hazard. Work on this model should only be performed by those who are thoroughly familiar with precautions necessary when working on high voltage equipment.

Exercise care when servicing this chassis with power applied. Many B plus and high voltage terminals are exposed which, if carelessly contacted, can cause serious shock or result in damage to the chassis. Maintain interconnecting ground lead connections between chassis and picture tube dag when operating chassis.

Certain HV failures can increase X-ray radiation. Monitor should not be operated with HV levels exceeding the specified rating for the chassis type. The maximum operating HV specified for the chassis used in this monitor is

25.5KV ± 0.8KV

with a line voltage of 120/240 VAC. Higher voltage may also increase possibility of failure in HV supply.

It is important to maintain specified values of all components in the horizontal and high voltage circuits and anywhere else in the monitor that could cause a rise in high voltage or operating supply voltages. No changes should be made to the original design of the monitor. Components shown in the shaded areas on the schematic should be replaced with exact factory replacement parts. The use of unauthorized substitute parts may create a shock, fire or other hazard.

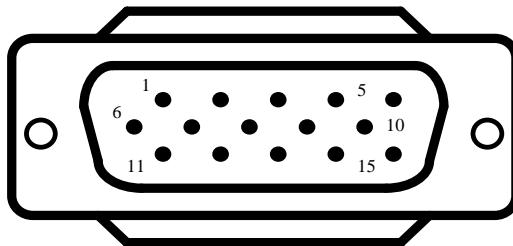
To determine the presence of high voltage, use an accurate, high impedance, HV meter connected between second anode lead and CRT dag grounding device. When servicing the High Voltage System, remove static charge from it by connecting a 20K ohm resistor in series with an insulated wire (such as a test probe) between picture tube dag and 2nd anode lead.(AC line cord disconnected from AC power outlet.)

The picture tube used in this monitor employs integral implosion protection. Replace with tube of the same type number for continue safety. Do not lift picture tube by the neck. Handle the picture tube only after discharging the high voltage completely.

3. OPERATING INSTRUCTIONS

This procedure gives you instructions for installing and using the 7K color display.

1. Position the display on the desired operation and plug the power cord into a convenient AC outlet. Three-wire power cord must be shielded and is provided as a safety precaution as it connects the chassis and cabinet to the electrical conduit ground. If the AC outlet in your location does not have provisions for the grounded type plug, the installer should attach the proper adapter to ensure a safe ground potential.
2. Connect the 15-pin color display shielded signal cable to your signal system device and lock both screws on the connector to ensure firm grounding. The connector information is as follow:



15 - Pin Color Display Signal Cable

PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1.	RED	9.	NC
2.	GREEN	10.	GND
3.	BLUE	11.	SYNC. GND
4.	GND	12.	SDA
5.	GND	13.	HORIZ. SYNC
6.	GND-R	14.	VERT. SYNC (*VCLK)
7.	GND-G	15.	SCL
8.	GND-B		

3. Apply power to the display by turning the power switch to the "ON" position and allow about thirty seconds for display tube warm-up. The Power-On indicator lights when the display is on.
4. With proper signals feed to the display, a pattern or data should appear on the screen, adjust the brightness and contrast to the most pleasing display.
5. This monitor has power saving function following the VESA DPMS. Be sure to connect the signal cable to the PC.

4. ADJUSTMENT

4-1 ADJUSTMENT CONDITIONS AND PRECAUTIONS

1. Approximately 30 minutes should be allowed for warm up before proceeding.
2. Adjustments should be undertaken only on those necessary elements since most of them have been carefully preset at the factory.

4-2 MAIN ADJUSTMENTS

NO.	FUNCTION	LOCATION	DESIGNATION
1.	14.5V ADJ	PCB - MAIN	VR901
2.	B + ADJ	PCB - MAIN	VR902
3.	SCREEN ADJ	FLY BACK TRANS	T402
4.	FOCUS ADJ	FLY BACK TRANS	T402
5.	ABL ADJ	PCB - MAIN	VR701
6.	SUB-BRIGHTNESS ADJ	PCB - MAIN	VR702
	-MENU	PCB - MAIN	(SW103)
	-UP ►	PCB - MAIN	(SW105)
7.	FUNCTION ADJ -DOWN ◀	PCB - MAIN	(SW104)
	-EXIT	PCB - MAIN	(SW102)

4-3 ADJUSTMENT METHOD

1. 14.7V, B + & HV voltage adjustment:
 - A. Chrome-2000 Signal generator or PC equivalent set mode 1, VGA 640X480 cross hatch pattern .
 - B. Connect a DC Volt meter between TP901 or D922 cathode and ground, then adjust VR901 to be 14.7VDC.
 - C. Connect a DC Volt meter between TP902 or D925 cathode and ground, then adjust VR902 to be 59.5VDC.
 - D. Connect a DC Volt meter between TP701(G1) and ground, Brightness set to max. Then adjust VR702 to be -40 VDC.
2. Factory preset Timings Adjustment:
 - A. Press MENU Key to show OSD window press Up or Down Key to switch the functional controls.
 - B. Press the Up Key to select the "ZOOM" function, then press the MENU Key. While do not release the MENU Key until the OSD window changed to the Factory preset window.
 - C. The Factory preset window contains the following functional controls. Select one of the control. Then press the Up/Down Key to adjust it's value for the optimum picture.

MENU Key to Quit the OSD window. Mean while the new setting data will be saved in the memory.

- D. To switches the input signal to the other Timing Mode. Please follow step C to get the optimum picture.

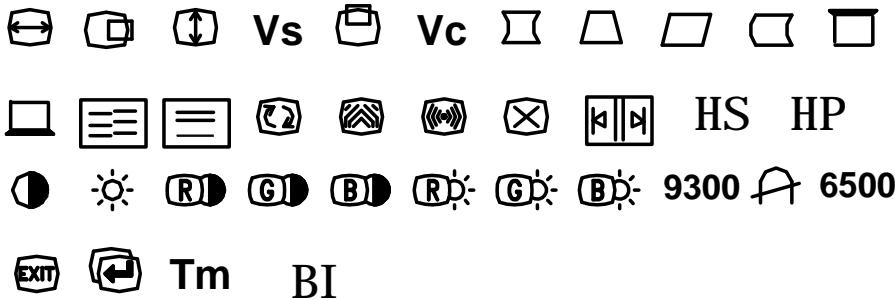
- E. Select the " RETURN " function and press the MENU Key, then the Factor Preset window will be returned to the original OSD window.(user's operating condition)
- F. The setting data of the CONTRAST, BRIGHTNESS, PIN-BALANCE, PARALLELOGRAM, ROTATION, COLOR TEMPERATURE are common mode saved in the memory. Don't needed adjust it individual at every timing Mode and save in the memory.

- G. BI, HS, HP: Model select: for factory only, service engineer can't change.

FACTORY PRESET

H: 36.51kHz

V: 51.34Hz



080



	CONTRAST		H-MOIRE REDUCE
	BRIGHTNESS		V-MOIRE REDUCE
	H-CENTER		R-GAIN
	H-SIZE		G-GAIN
	V-CENTER		B-GAIN
	V-SIZE		R-BIAS
	ZOOM		G-BIAS
	Top corner		R-BIAS
	Bottom corner		COLOR TEMPERATURE
	PINCUSHION		COLOR TEMPERATURE
	TRAPEZOID		DEGAUSS
	PIN-BALANCE		OSD EXIT
	PARALLELOGRAM		RETURN
	ROTATION		Vs Linear
Vs	Sub V-size		Vc Linear
Vc	Sub V-center	HP	H-size limitation
BI	Burning picture on/off switch	HS	H-size compensation

3. White Balance, Luminance adjustment:

A. Bias (Low Luminance) adjustment:

- (a) Set mode 8 1024×768 Fh: 68.7KHz full white pattern.
- (b) To make the adjustment condition is under the Factory preset window.
Same as step 2-C.
- (c) Warm up more than 20 minutes.
- (d) Brightness  set to maximum. Contrast  set to min. full white pattern, then adjust FBT screen VR to make $Y = 1.5 \sim 8.5$ cd/m^2 .
- (e) Brightness set to raster just cutoff, adjust contrast to be 12 cd/m^2 , then adjust G-Bias , B-Bias , R-Bias , to make the setting value is(20), then adjust the R.G.B Bias individual to the color temperature $x = 275 \pm 10$, $y = 295 \pm 10$.

B. Gain (High light) adjustment:

- (a) Set mode 2 640×480 Fh: 31.5KHz full white pattern.
- (b) Brightness set to raster just cutoff and set the contrast to max.
- (c) Adjust G-Gain , B-Gain , R-Gain , to make color temperature $x=283 \pm 10$, $y=297 \pm 10$.

C. Recheck item A&B to make sure both of them in spec. Finally select OSD function to the 9300°K function, then press the MENU Key. To make the setting data saved in the memory.

D. The adjustment of 6500°K white Balance, May follow step A ~ C , with the $x=313 \pm 10$, $y=329 \pm 10$.

E. Full white luminance:

- (a) Set mode 8 1024×768 Fh: 68.67KHz full white pattern.
- (b) Image Size : H: $310 \pm 4\text{mm}$ V: $230 \pm 4\text{mm}$.
- (c) Brightness set to raster just cut off and set the contrast to max.
- (d) Adjust VR701 to the luminance at $30 \text{ FL} \pm 2\text{FL}$.

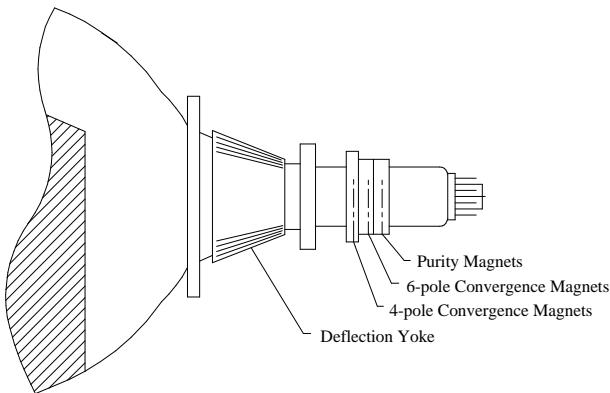
4. Focus Adjustment:

- A. Set mode 8 1024×768 Fh: 68.67 KHz with character full page.
- B. Adjust brightness to center and contrast to max.
- C. Then adjust focus VR1 to a fine vertical line.
- D. Adjust focus VR2 to a fine horizontal line.
- E. Repeat step C & D..

5. Purity Adjustment

- A. Be sure that the display is not being exposed to any external magnetic fields.
- B. Ensure that the spacing between the Purity, Convergence, Magnet, (PCM), assembly and the CRT stem is 29mm .(See below diagram)
- C. Produce a complete, red pattern on the display. Adjust the purity magnet rings on the PCM assembly to obtain a complete field of the color red. This is done by moving the two tabs in such a manner that they advance in an opposite direction but at the same time to obtain the same angle between the two tabs, which should be approximately 180° .
- D. Check the complete blue and complete green patterns to observe their respective color purity. Make minor adjustments if needed.

RELATIVE PLACEMENT OF TYPICAL COMPONENTS



6. Convergence adjustment

- A. Produce a magenta crosshatch on the display.
- B. Adjust the focus for the best overall focus on the display.
Also adjust the brightness to the desired condition.
- C. Vertical red and blue lines are converged by varying the angle between the two tabs of the 4 pole magnets on the PCM assembly. (See above diagrams)
- D. Horizontal red and blue lines are converged by varying the two tabs together, keeping the angle between them constant.
- E. Produce a white crosshatch pattern on the display.
- F. Vertical green and magenta lines are converged by varying the angle between the two tabs of the 6-pole magnets.
- G. Horizontal green and magenta lines are converged by varying the two tabs together, keeping the angle between them constant.

5. CIRCUIT DESCRIPTION

5-1 MICRO CONTROLLER CIRCUIT

MICRO Controller

The IC101 contains a 6502 8-bit CPU core, 256 bytes of RAM, 16K bytes of ROM, 2 channel A/D converters for key detection, one 8 bit pre-loadable base timer, internal H-sync and V-sync signals processor providing mode detection, watch- dog timer preventing system from abnormal operation, and an I2C bus interface.

H/V sync signals processor

The functions of the sync processor include polarity detection, H-SYNC & V-SYNC signals counting, Programmable SYNC signals output, free running signal generator. Pin39/Pin40 are for the H-SYNC and V-SYNC input, Pin32/Pin33 will output the same signal as input sync signal without delay, and the polarity are setting in the positive. When no signal input, the Pin32 will output a 60HZ V-SYNC free run signal. The Pin33 will output a 62.5KHz H-SYNC free run signal. for the monitor testing use.

On Screen Display Controller

The IC802 is designed for display the built-in characters or fonts onto monitor screen. The display operation is by transforming data and control information from micro controller to RAM through a serial data interface.

Pin5 is input the horizontal fly back pulse, for PLL generator tracking.

Pin7 the external data transfer through this pin to internal display registers and control registers

Pin8 the clock-input pin is used to synchronize the data transfer.

Pin10 is input the vertical flyback pulse for synchronizing the vertical position.

Pin15 is output a blanking signal to cut off external R.G.B signals of VGA while this chip is displaying characters or windows.

Pin12 Pin13, Pin14 is used to output the OSD (B.G.R) video signal.

5-2 DEFLECTION CIRCUIT

The deflection circuit is achieved by a high performance and efficient solution IC 401 (TDA4841) for this monitor.

The concept is fully DC controllable and can be used in applications with a micro-controller solutions.

The TDA 4841 provides sync. Processing with full auto sync. capability, a flexible SMPS block and an extensive set of geometry control facilities. Further the IC generates the drive waveforms for DC coupled vertical boosters to TDA 9302[ref Page-28].

Horizontal Oscillator

The oscillator is of the relaxation type and requires a capacitor of 10nF C403 at pin 29. The maximum oscillator frequency is determined by a resistor R403 from pin 28 to ground. A resistor R402 from pin27 to pin28 defines the frequency range.

PLL 1 Phase Detector

The phase detector is a standard one using switched current sources. It compares the middle of H-sync. with a fixed point on the oscillator saw-tooth voltage. The PLL loop filter c401, R401, C402 is connected to Pin26.

PLL2 Phase Detector

This phase detector is similar to the PLL1 detector and compares the line flyback pulse at pin 1 with the oscillator saw-tooth voltage. The PLL2 detector thus compensates for the delay in the external H-deflection circuit by adjusting the phase of the HDRV output pulses. The phase between H-flyback and H-sync can be controlled at pin30.

X-ray Protection

The X-ray protection input pin2 provides a voltage detector with a precise threshold. If the voltage exceeds this threshold for a certain time, an internal latch switches the whole IC into protection mode. In this mode several pins are forced into defined states:

Pin6 (BDRV) is floating

Pin8 (HDRV) is floating

Pin12, 13 (VOUT 1, 2) are floating

Pin16 (CLBL) provides a continuous blanking signal.

Vertical Oscillator

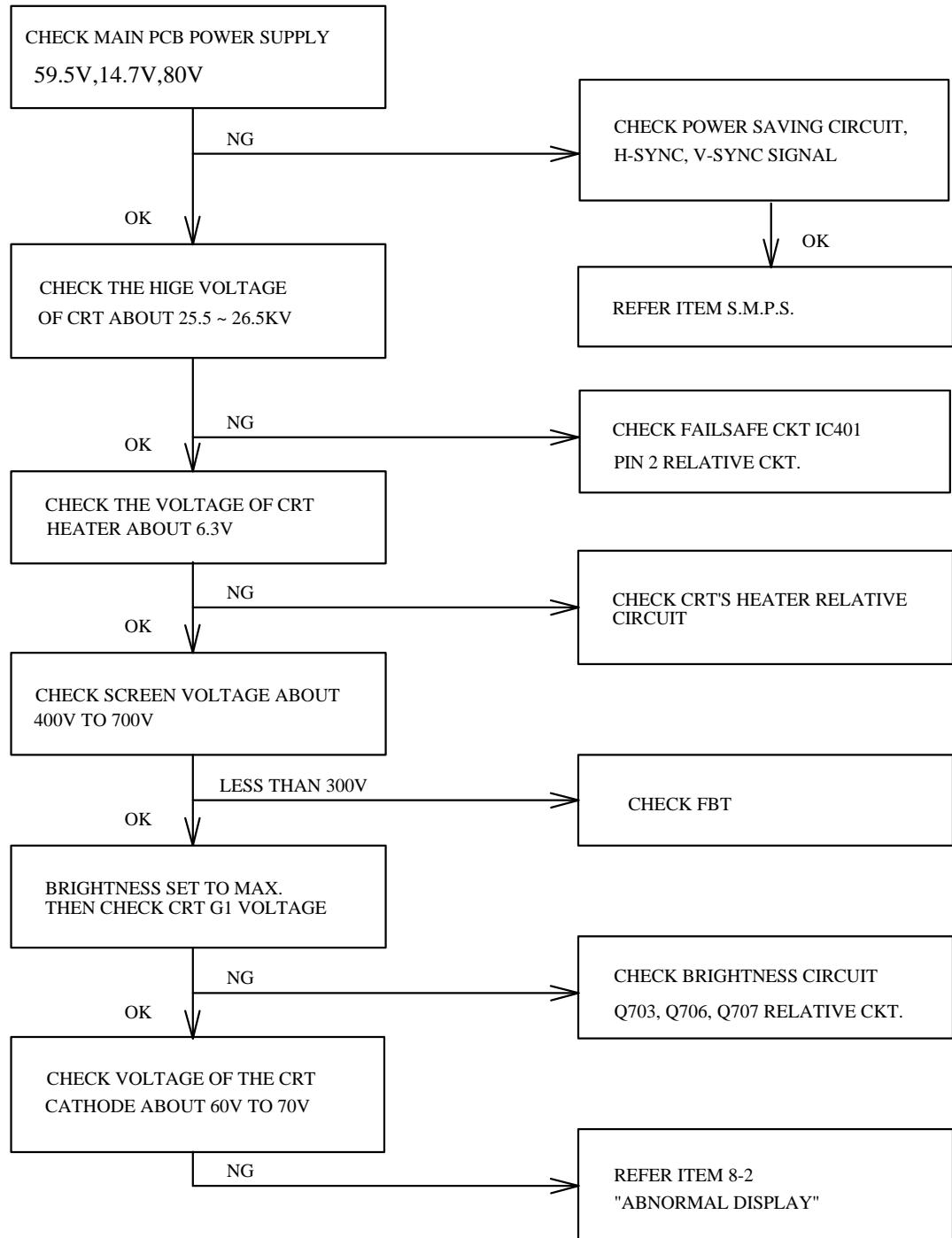
The vertical free -running frequency is determined by the resistor R608 at pin23 and capacitor C604 at pin24. Usually the free-running frequency should be lower than the minimum trigger frequency.

LOCATION	FUNCTIONAL DESCRIPTION
Q101	For LED Indicator Control
D431	Protection Diode for B+ Control
D405	Speed up for Q403
D406, D407	Supply a bias for D408
D408	Damping Diode and Modulation Diode
Q401	B+ Mute Control
Q402	Horizontal Driver
Q403	Horizontal Out Put
Q404, Q406	A differential Amp for Drive Q405
Q405	DarlingtonTransistor for H-Size Control
Q407	Horizontal Linearity Correction Control
Q412, 417,Q418,Q420	Horizontal S-Correction Control
D704	Rectifier for 250V Supply
D709	Protection Diode for Q708
D706,D708	Rectifier for -200V Supply
Q707	Picture Mute Control AMP
Q703, Q706	Brightness Control CKT
Q708	Vertical Dynamic Focus Control AMP
D901 ~ D904	Bridge Rectifier for AC Source
D909	Rectifier for Start Power Supply
D910	Clip Diode for Snubber CKT
D911	IC901 VCC Supply

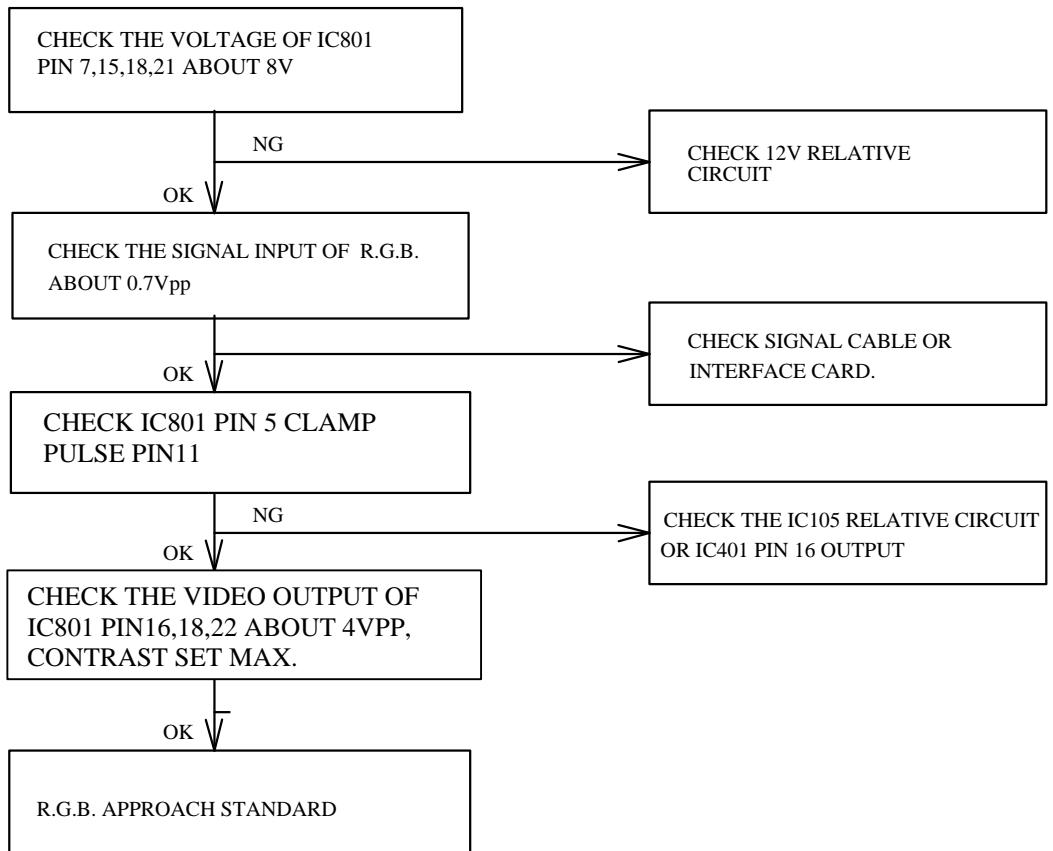
LOCATION	FUNCTION AL DESCRIPTION
D913	Speed UP for Q901
D914	Synchronous Trigger for Power Supply
D918 ~ D919	Rectifier for Output Voltage Supply
D921 ~ D923	Rectifier for Output Voltage Supply
D924	Clip Diode for Trigger CKT
D925	Rectifier for B+ Supply
D926, D927	Raster Position Control
ZD901	Protection Diode
ZD902	Protection Diode
ZD903	Protection Diode
Q901	MOS FET for Switching Power Control
Q904	MOS FET for PFC
Q906, Q907	Start up CKT for IC901
Q908, Q916	To Turn 6.3V Supply Off when the Off Mode is Required
Q909, Q910	To Turn 14.5V Supply Off when the Off or Suspend Mode is Required
Q911	MOS FET for B+ Control
Q912, Q915	Push Pull Driver for Q911
Q914	Pre-Amplifier for Q912, Q915
Q853 ~ Q855	DC Restoration for CRT Bias Adjustment

6.TROUBLE SHOOTING CHART

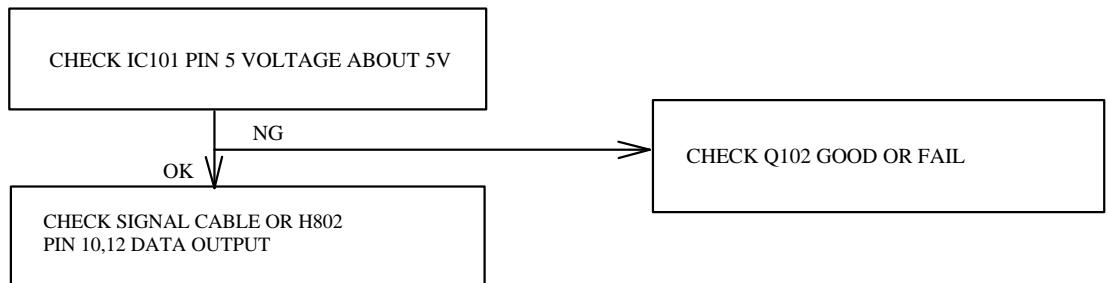
6-1 NO RASTER, CRT RELATIVE CIRCUIT PROBLEMS



2.ABNORMAL VIDEO LEVEL ON SCREEN

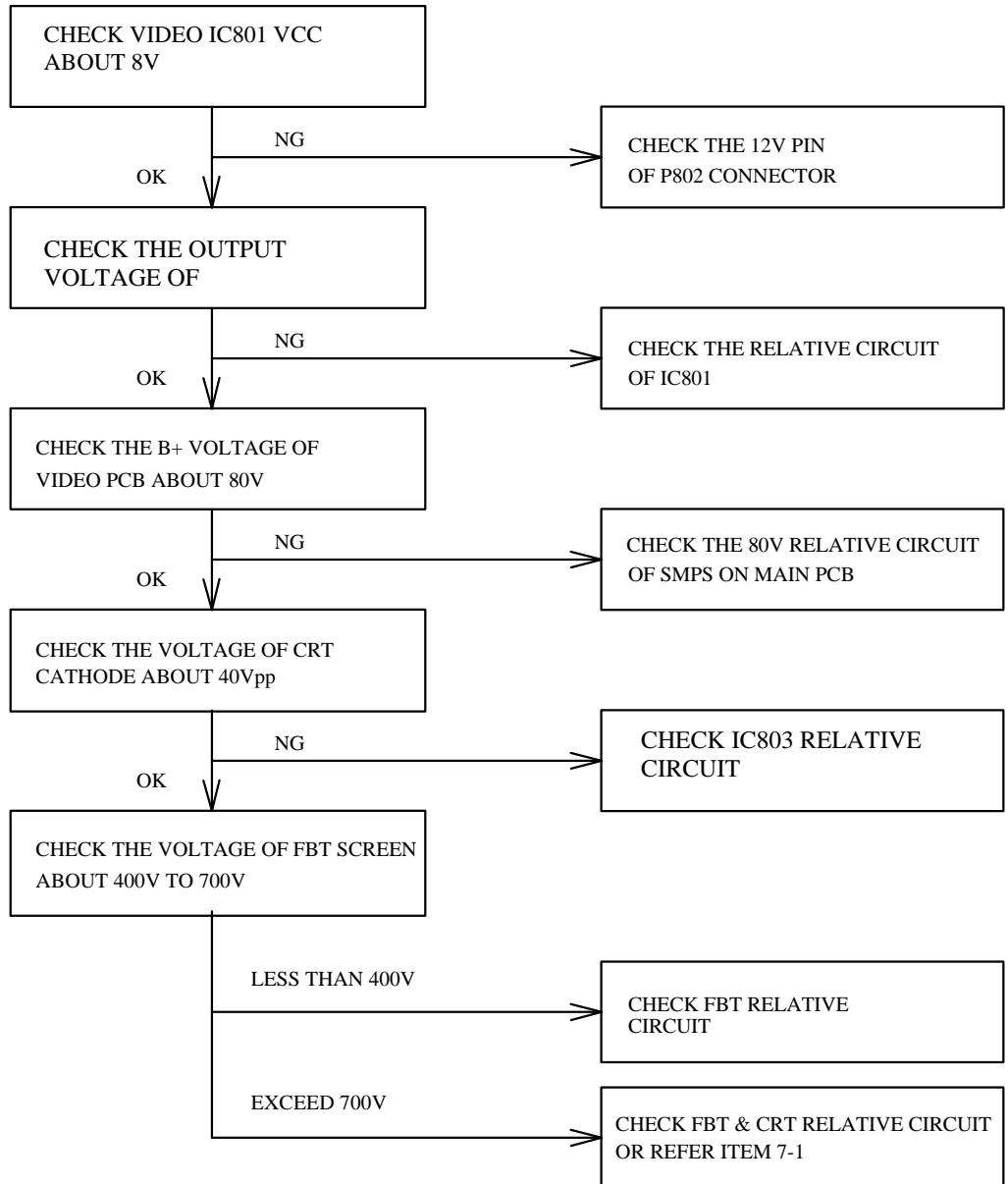


3. ABNORMAL DDC (PLUG & PLAY)

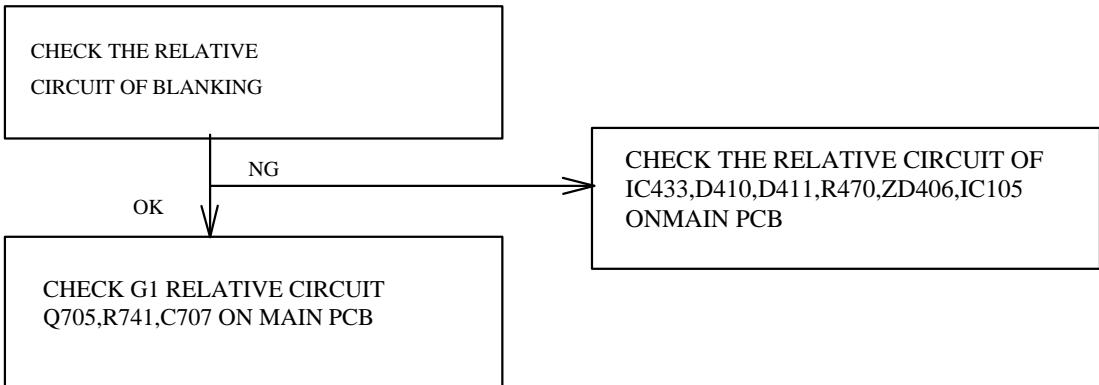


6-2 ABNORMAL DISPLAY

1.NO SIGNAL ON SCREEN

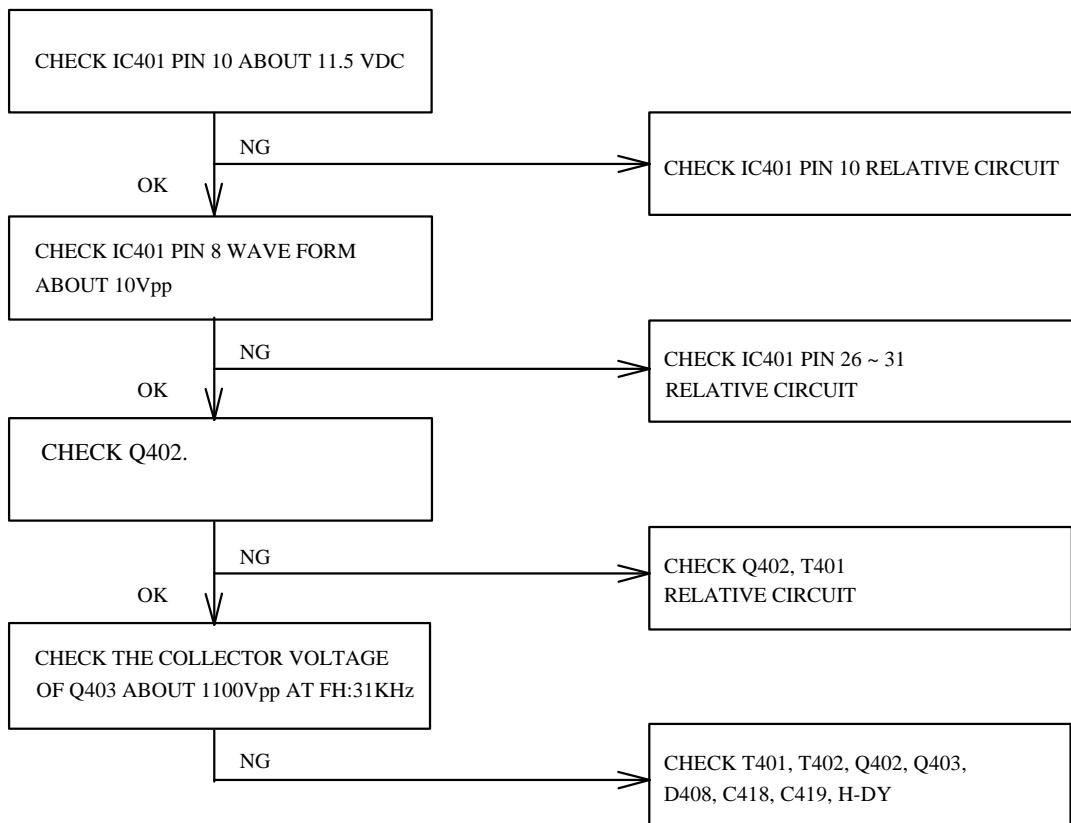


6-3 NO BLANKING



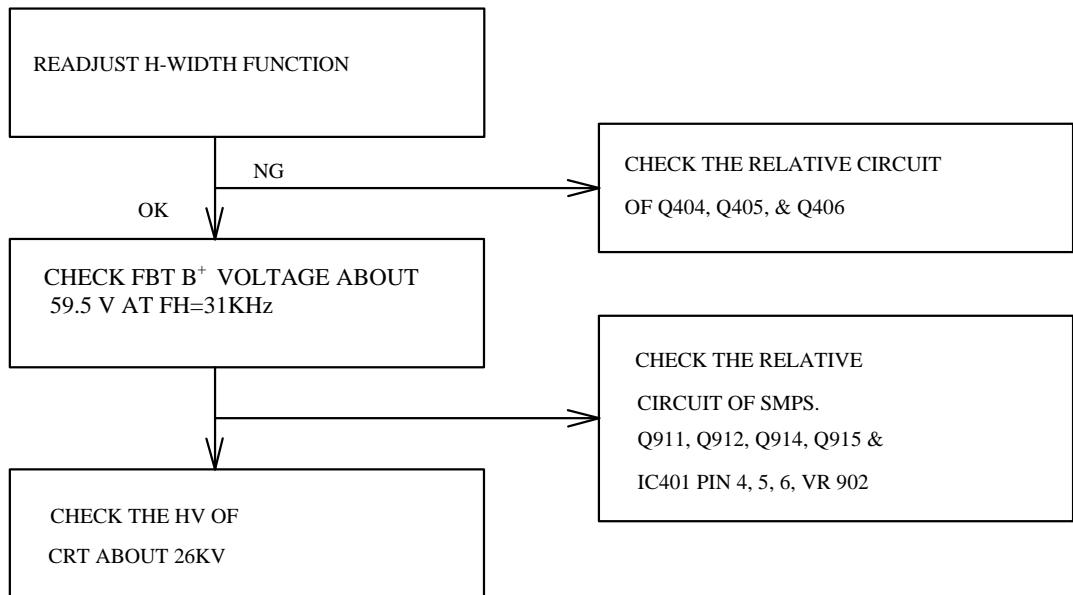
6-4 HOR./OSC/DEF/HV CIRCUIT FAULT

1. NO RASTER (DISCONNECT WITH SIGNAL CABLE)

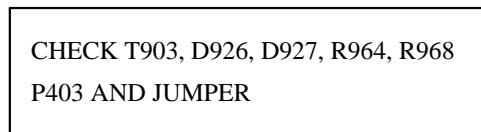


6-5 ABNORMAL HORIZONTAL DEFLECTION

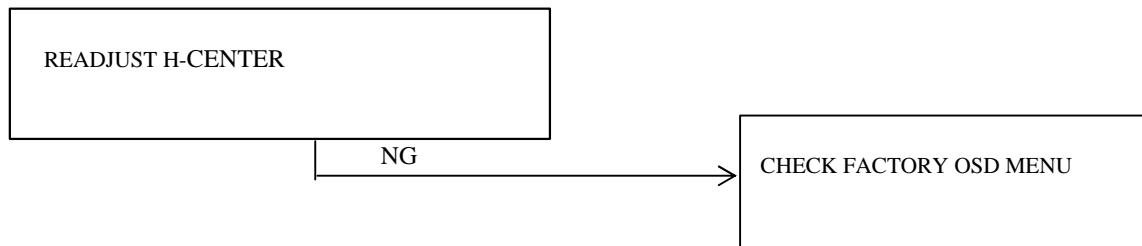
1. ABNORMAL HORIZONTAL WIDTH OF VIDEO



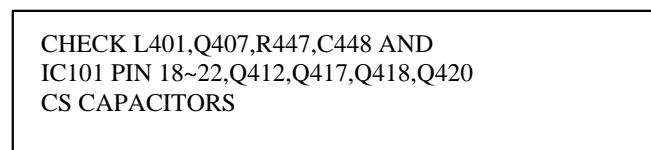
2. ABNORMAL HORIZONTAL RASTER CENTER



3. ABNORMAL HORIZONTAL VIDEO CENTER

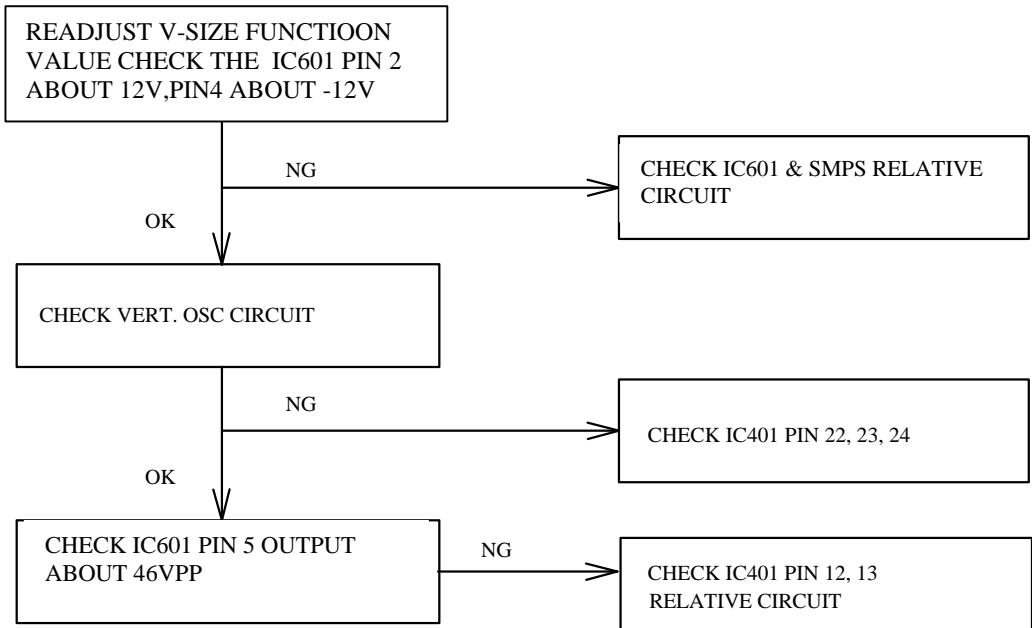


4. ABNORMAL HORIZONTAL LINEARITY

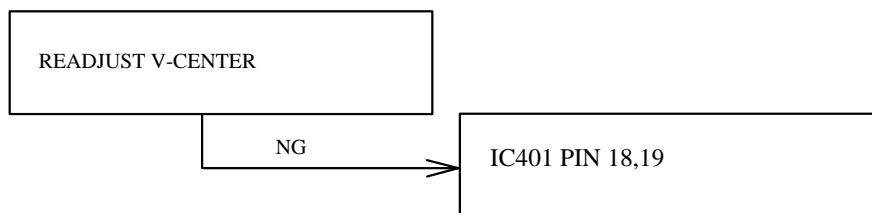


6-6 ABNORMAL VERTICAL SCANNING

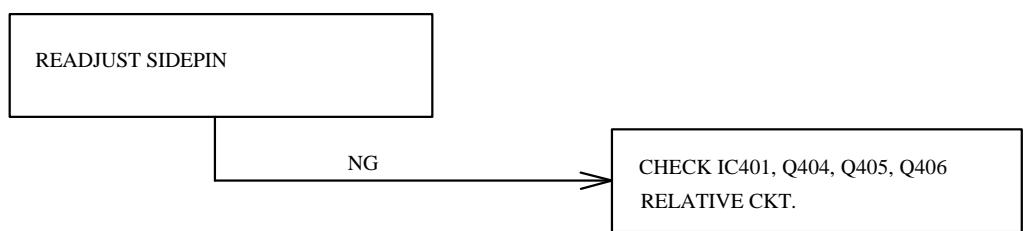
1. ABNORMAL VERTICAL SIZE



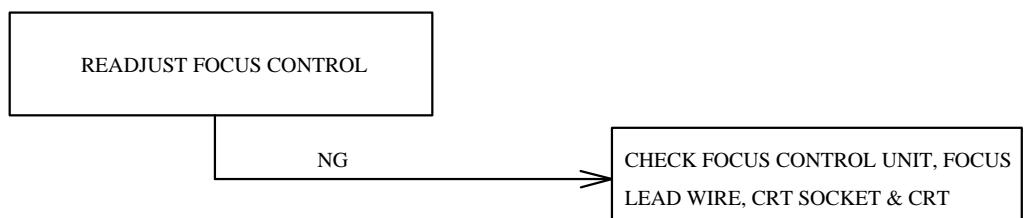
2. VERTICAL CENTER



6-7 SIDE-PIN CUSHION DISTORTION



6-8 POOR FOCUS



6-9 POWER SUPPLY TROUBLE SHOOTING CHART

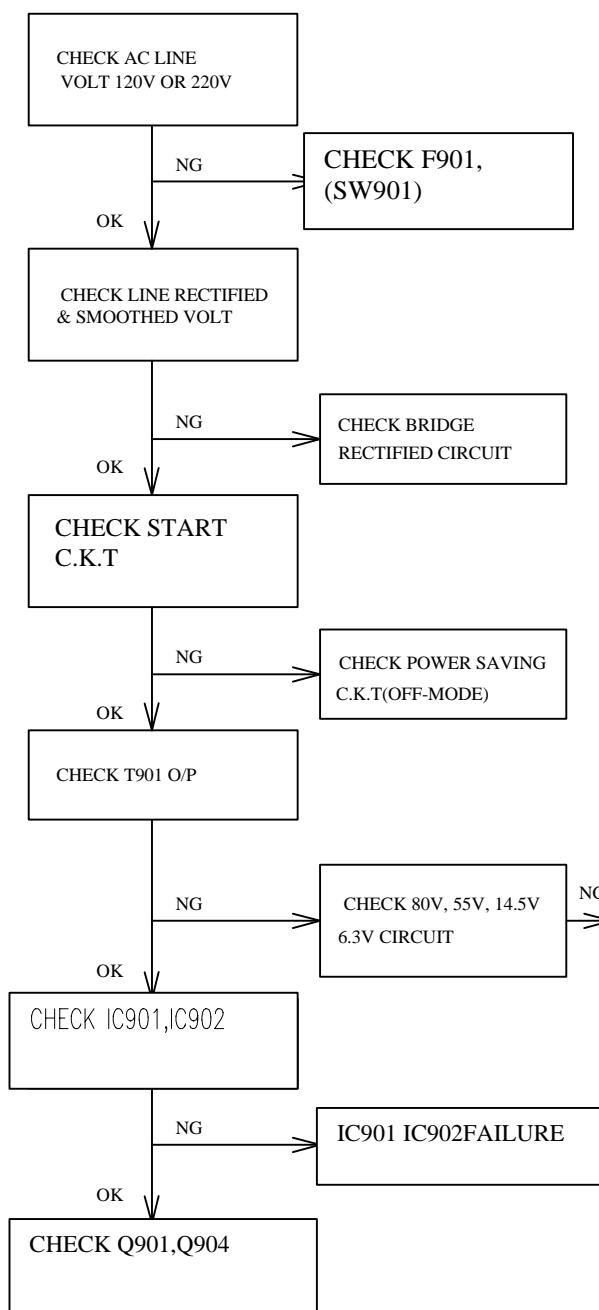
BEFORE CHECK SW.REG. PLEASE REFER TO THE POWER SUPPLY BLOCK DIAGRAM

POWER SUPPLY OUTPUT: (A) VARIABLE OUTPUT : 60.5V - 145V

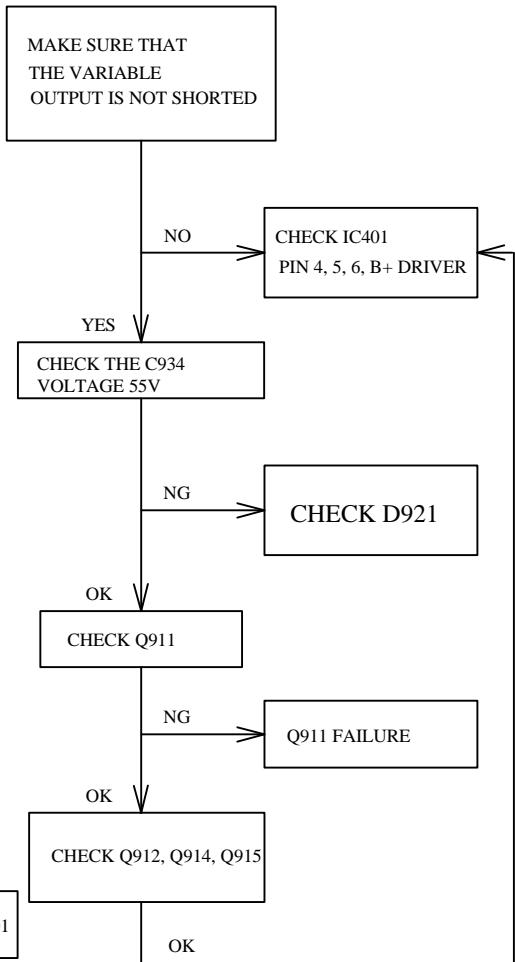
(D) DEPENDING UPON H.SYNC FREQUENCY)

(B) CONSTANT OUTPUT : 6.3V, 14.5V, 24V, 80V

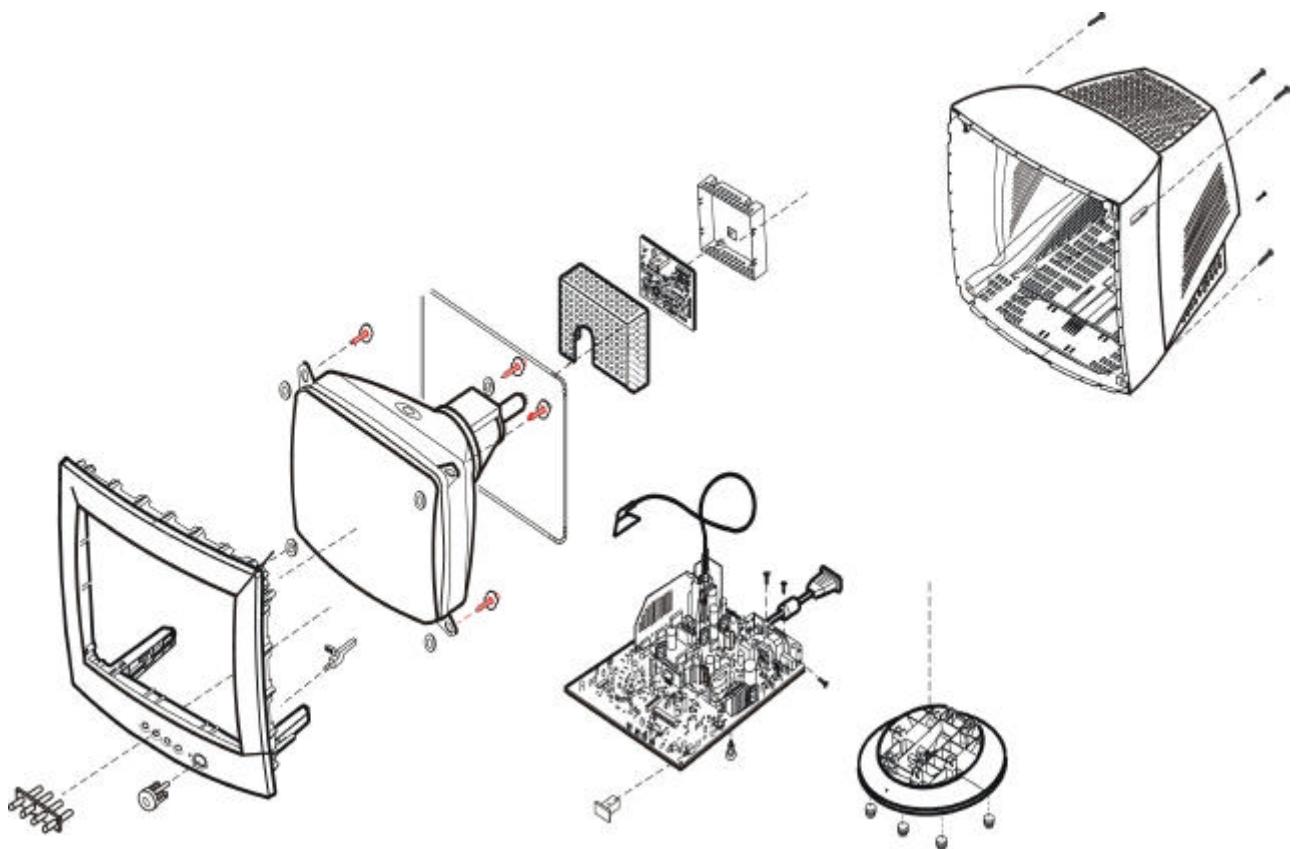
BEAD SET



ABNORMAL VARIABLE OUTPUT



7. MECHANICAL OF CABINET FRONT DIS-ASSEMBLY



8. PARTS LIST OF CABINET

Location	Part Number	Description
	CMS790VDMEL	CHASSIS FOR S790V2-1 MED
	1A 503- 5T- 47	SCREW FOR CRT
	5A 38- 8	RUBBER WASHER
	11A 112- 1 A	WIRE MOUNTS
	11A 112-500	WIRE MOUNT
	11A 115- 1	FBT CLIP
	12A 381-500	RUBBER FOOT
	19A 403- 7	STEEL
	19A 506- 5	SPRING
	33A3663- 1	CRT SUPPORT
	33A3725- 1	LED LENS. POWER
	33A3726- 1	POWER CAP
	33A3772- 1- AT	POWER BUTTON
	33A3773- 1- AT	KEY PAD
	33A6917- 1- A	POWER ROD
★	34A 604- 1- LT	BASE
	34A 635- 1-1AT	REAR CABINET
	34A 636-2MD- LT	SWIVEL
	34A 664-604-2AT	FRONT PANEL
	40A 152-509	RECYCLE LABEL
	40A 152-512	RECYCLE LABEL
	40A 154- 14- 1	CABINET LABEL
	40A 154-501- 1	HI-POT GND LABEL FOR MON
	40A 581- 26-704	CARTON/PALLET
	40A 581-724- 1A	CARTON LABEL
	40A2047-724- 1C	ID LABEL
	41A 68-615- 4B	TCO'99 CARD
	41A 68-724- 1A	WARRANTY CARD
	41A 713-724- 1A	MANUAL
	44A6762- 1	EPS CUSHION
	44A6762- 2	EPS CUSHION
	44A6762-724- 1B	CARTON
	45A 76- 28- MD	14/15/17 MANUAL PE BAG
	45A 76- 34- MD	PE BAG
	45A 77- 3	TRANSPARENT SHEET
	45A 77-500	BARCODE RIBBON
	45A 77-501	BARCODE RIBBON
	45A 88- 7- MD	PE BAG
	45A 88-541	OUT PE BAG
	50A 500- 1	Tie
	50A 500-500	CABLE TIE
	50A 502- 1	PLASTIC TIE
	50A 502- 2	PLASTIC TIE
	50A 502- 5	CABLE TIE
	51A 6- 4	SILICON
	51A 500- 1	Tie
	52A 1-185	MIDDLE TAPE FOR CARTON
	52A 1-185- 1	BIG TAPE
	52A 1-186	SMALL TAPE
	52A6016- 4	SPRING PIECE
	70A1000- 1-MDN	DRIVE DISK
	71A 100- 2- S	CORE
	71A 100- 12	CORE
	85A 576-501	CRPC SHIELD
	85A 577-504- A	SHIELD
	85A6020- 2	Grounded plate
★	89A404C-15N- LN	POWER CORD
	95A 91-205-676	Ground wire
	B1A1035- 10-128	SCREW 3.5X10
	M1A1130- 8-128	SCREW 3.0X8
	Q1A 340- 16-128	SCREW
	750A1697-504- KA	0.35*90TS DEG.COIL
	750A5856-6AV	CPT 17"0.25 TCO CRT DLY
	750A5865-3AV-ZEC	LG.25 TCO CRT TOP GUN ZE
★	CMS790VDMEL	CHASSIS FOR S790V2-1
	AMS790VDMEL	MAIN BOARD FOR S790V2-1
	CRS790VDMEL	CRT BOARD FOR S790V2-1 M
	1A 421- 4-128	SCREW

11A	86-500	SUPPORT
11A	141- 1	PCB SUPPORT
15A5640-	1- A B	AL GND LUG
15A5659-	500- 2	Rear Bracket
32A3028-	8	MICA
40A	581- 26-702	FAIL-SAFE LABEL
40A	581-624- 2A	CHASSIS LABEL
50A	500- 1	Tie
51A	500- 1	Tie
89A174D-5DC-BLA		SIGNAL CABLE
B1A1040-	10-128	SCREW 4*10
D1A1140-	7-128	SCREW 4X7(FOR AC)
M1A1140-	6-128	SCREW
705A781V-C57-	02	Q420 ASS'Y
705A781V-C87-SNI		AC# SOCKET CN901 ASS'Y
705A790V-715-	01	EMI ASS'Y
705A790V-C57-	03	Q417 ASS'Y
705A790V-C57-	2A	Q425 ASS'Y
705A790V-C93-	01	D921 ASS'Y
705A791V-C56-01A		IC601 ASS'Y
705A791V-C57-01L		Q901/Q904 ASS'Y
705A791V-C57-02L		Q403/Q911/Q405/D408 ASS'
705A791V-C65-ME3		C928 ASS'Y
705A991V-C61-	ME	R927 ASS'Y
705A991V-C65-ME1		C900 ASS'Y
705A991V-C65-ME2		C915 ASS'Y
750A5856-790-6AV		17" CPT CRT TCO ASS'Y S7
750A5865-790-3AV		17" LG CRT TCO ASS'Y S79
(SW102)	77A 602- 1- CJ	TAUT SWITCH TSVB-2
(SW103)	77A 602- 1- CJ	TAUT SWITCH TSVB-2
(SW104)	77A 602- 1- CJ	TAUT SWITCH TSVB-2
(SW105)	77A 602- 1- CJ	TAUT SWITCH TSVB-2
★ (SW901)	77A 267- 12- HJ	PUSH-PUSH SWITCH (TV-5)
AA-AA	95A 201- 69-062	M95
AB-AB	95A 900- 17	WIRE HARNESS
AS1	95A205T- 30-06F	WIRE HARNESS
C103	67A 305-471- 3T	470UF +-20% 16V
C117	67A 309-471- 3T	470UF +-20% 16V
C411	67A 309-471- 3T	470UF +-20% 16V
C414	67A 215-470- 9H	47UF 100V
C418	63A210J-432-8FC	0.0043uF +-5% 2000V
C419	63A210J-432-7FC	.0043UF +-5% 1600V FOR C
C425	63A210J-204-3CC	.2UF/400V +-5%
C426	63A210J-824-2CC	0.82uF +-5% 250V (PMH)
C428	63A210J-124-2CC	0.12UF 250V
C429	63A210J-102-8CC	0.001UF +-5% 2000V FOR C
C431	64A100J-225- 59	2.2UF/100V MEF
C439	63A210J-364-2CC	0.36UF 250V
C449	65A 2K-271- 5A	270PF 2KV +-10% Y5P
C453	63A210J-204-2CC	0.2UF 250V BY CAMEL
C458	63A210J-683-2CC	0.068UF 250V
C604	63A210J-104-1AC	0.1UF 100V
C615	67A 305-102- 3	1000 UF +-20% 16V
C616	67A 309-471- 3T	470UF +-20% 16V
C703	67A 305-109- 15	1UF 450V
C713	67A 305-100- 12	10UF +-20% 250V
C719	64A178J-824- 1A	.82UF 100V
C902	63A 107-224- 5	0.22UF 250V TEAPO
C903	65A305M-332-2B2	3300PF 250VAC/400VAC
C904	65A305M-332-2B2	3300PF 250VAC/400VAC
C907	67A 30-151-15D	150uF,450V
C909	63A 107-334-10S	XZ 0.33UF 275VAC PITCH=1
C913	63A213J-684-4FC	.68UF/630V
C917	67A 309-471- 3T	470UF +-20% 16V
★ C927	65A305M-472-2B2	4700PF +-20% 400VAC PY17
C931	67A 305-101-10J	100u/160V JAMICON
C934	67A 215-391-GFH	390UF 80V LOW FSR BY
C936	67A 305-102- 6	1000UF +-20% 35V
C939	67A 305-102- 3	1000 UF +-20% 16V
C951	67A 215-470- 12	47UF +-20% 250V
CF418	71A 55- 2 A	FERRITE BEAD

CF419	71A 55- 2 A	FERRITE BEAD
CN902	33A3074- 1	2P PLUG
D901	93A 52-55P-52T	1N5408 PEC
D902	93A 52-55P-52T	1N5408 PEC
D903	93A 52-55P-52T	1N5408 PEC
D904	93A 52-55P-52T	1N5408 PEC
D907	93A3060-501-52T	31GF6
D912	93A3020- 8T	RG-4Z
D919	93A2060- 1-52T	FRD BYM26C
D922	93A3020- 8	RG-4Z-LF-L1
D923	93A1002- 2A	RK36
D925	93A3040- 8T	RG-4
DF901	71A 55- 2 A	FERRITE BEAD
DF902	71A 55- 2 A	FERRITE BEAD
DF903	71A 55- 2 A	FERRITE BEAD
DF904	71A 55- 2 A	FERRITE BEAD
DF907	71A 55- 2 A	FERRITE BEAD
DF912	71A 55- 2 A	FERRITE BEAD
DF923	71A 55- 2 A	FERRITE BEAD
DF925	71A 55- 2 A	FERRITE BEAD
★ F901	84A 33- 10	FUSE CLIP
F901	84A 41- 4	FUSE 4A LF-215004
FBTF	71A 100- 8- H	CORE
FBTF1	71A 100- 9	CORE
GND	95A 900-510	GROUND WIRE
GND4	9A 203- 8	BRASS PIN
H802	95A8013- 12-506	WIRE&HARNESS
H803	95A8013- 6-14A	WIRE & HOUSING ASS'Y
IC101	56A1125-102	NT68P61-0052M
IC102	56A1133-508	M24C08-BN6
IC105	56A74LS- 14- H	HD74LS14P
IC401	56A 552- 2	TDA4841PS/PHILIPS
IC901	56A 379- 12 A	8PIN IC UC3842AM/LIN
IC902	56A 538- 5	MC33260P
IC917	56A 133- 12- ST	3 PIN 12V REG.L7812CV SG
J017	95A 90- 23	TIN COATED
J101	95A 90- 23	TIN COATED
J101T	96A 29- 10	TUBE
L401	73A 147-118- HA	LINEARITY COIL LINEARITY
L402	73A 253-113- H	CHOKE COIL
L404	73A 253-106- H	CHOKE COIL ?
★ L901	73A 174- 16- H	LINE FILTER 25 MH
L902	73A 174- 2- SA	25MH FILTER
L904	73A 253-501- HA	PFC CHOKE
LED4	81A 10- 6- BH	LED/HOLDER ASSEMGLT
MGND1	95A 205- 30-082 A	UL1015#18 BLK. TINCOATED
NR630	61A 58-101- UT	NTCR 100 OHM +-15%
NR901	9A 203- 9	PIN
NR901	61A 58- 8- L	NTCR 15OHM
P402	33A3192- 4	4P PLUG
P903	33A8009- 3	3P PLUG
PA	95A205T- 30-032	WIRE
PP2	95A 205- 30-022	2" Wire
PP3	95A 205- 30-042	4" Wire
PP4	95A 205- 30-042	4" Wire
PR901	61A 52- 27- 4G	9 OHM PTCR
Q412	57A 610-501	IRF640A BY FAIRCHILD
Q418	57A 600- 4	IRF630 SGS-THOMSON ST
Q908	57A 728- 3	HSB772P/HSB772E HI-SINCE
Q909	57A 728- 3	HSB772P/HSB772E HI-SINCE
R426	61A155M-220- 61	22 OHM 5W
R428	61A155M-758- 61	0.75 OHM 5W +-5%
R429	61A 208-820- 64	1W 82 OHM
R451	61A152M-820- 64	82 OHM 5% 2W
R456	61A153M-101- 59	100 OHM +-5% 3W
R469	61A 208-220- 64	22 OHM 5% 1W
R629	61A 208-151- 64	150 OHM 5% 1W
R632	61A 208-479- 64	4.7 OHM 5% 1W
R633	61A 208-479- 64	4.7 OHM 5% 1W
R723	61A152M-121- 64	120 OHM 5% 2W
R743	61A152M-101- 64	100 OHM 5% 2W

R901	61A 208-474- 64	470K OHM 5% 1W
R907	61A 20K-478-GE1	0.47 5W
R929	61A 20K-338-GB1	0.33 OHM 10% 2W
R931	93A1040-501-52T	GUF10G
R955	61A 301-228- 64	0.22 OHM 5% 1/2W
R964	61A152M-150- 64	15 OHM 5% 2W
R968	61A152M-150- 64	15 OHM 5% 2W
R979	61A152M-471- 64	470 OHM +-5% 2W
★ RY401	77A 260- 5- 3	RELAY
RY901	77A 260- 5- 3	RELAY
SG401	62A 10- 16- J	1KV SPARK gap
SS1	95A205T- 30-06F	WIRE HARNESS
T401	79A 167-110- H	DRIVER TRANSFORMER
★ T402	79A 790- 1- A	FBT
T701	79A 167-112- HA	Driver Transformer ?
★ T901	80A769T- 1- LD	TRANSFORMER
T901	80A769T- 1- TD	POWER TRANSFORMER
T903	79A 167-111- HA	Driver Transformer ?
TP401	9A 211- 2	PIN 1.2X15MM
TP701	9A 211- 2	PIN 1.2X15MM
TP901	9A 211- 2	PIN 1.2X15MM
VR701	75A 335-223	22K OHM +-20%
VR702	75A 335-204	200K +-20%
VR703	75A 335-104	100K OHM +-20%
▲ VR901	75A 335-101	100 OHM +-20%
VR902	75A 335-473	U7K OHM +-20%
X101	93A 22- 22- PT AMS790VDMEL	HC-49U 8MHz Crystal MAIN BOARD FOR S790V2
	6A 31- 4	BRASS
	6A 31-501	BRASS
★	715A 802- 1- 3	CMPC
C101	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C102	67A 309-330- 3T	33UF +-20% 16V
C105	67A 309-100- 7T	10UF +-20% 50V
C106	65A 442-221-13T	220PF +-5% NPO 50V
C127	67A 309-100- 7T	10UF +-20% 50V
C128	67A 309-100- 7T	10UF +-20% 50V
C130	67A 309-100- 7T	10UF +-20% 50V
C131	64A700J-103-0AT	0.01UF 50V +-5%
C132	67A 309-100- 7T	10UF +-20% 50V
C137	65A 442-101- 1T	100PF J NPO 50V
C138	65A 442-101- 1T	100PF J NPO 50V
C401	64A176J-474- 0T	.47UF +-5% 50/63V
C402	64A700J-822-0AT	8200PF/50V +-5%
C403	64A 45G-103-1AT	.01UF +-2% 100V
C404	64A700J-103-0AT	0.01UF 50V +-5%
C405	64A178J-224- 0T	0.22UF 50V.+-5%
C408	63A212J-473-2AT	0.047 250V +-5%
C409	67A 309-100- 7T	10UF +-20% 50V
C410	65A 442-101-13T	100PF +-5% NPO 50V
C412	65A 444-101- 5T	100 PF 10% 50V Y5P
C413	65A 444-101- 5T	100 PF 10% 50V Y5P
C415	64A176J-332- 1T	0.0033UF 5% 100V
C416	65A 444-223- 5T	0.022UF 50V
C417	67A 309-330- 3T	33UF +-20% 16V
C420	64A176J-223- 1T	0.022UF 5% 100V
C421	65A 444-103- 5T	0.01 UF 10% 50V Y5P
C424	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C427	67A 309-109- 7T	1.0UF +-20% 50V
C430	65A 1K-152- 1T	1.5NF/1KV Z5F+-10%
C433	64A176J-224- 0T	.22UF +-5% 63V
▲ C434	67A 309-470- 4T	47UF +-20% 25V
C435	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C436	64A176J-334- 1T	.33UF +-5% 100V
C440	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C441	67A 309-109- 7T	1.0UF +-20% 50V
C444	65A 442-181-13T	180PF +-5% NPO 50V
C445	67A 309-108- 7T	0.1UF +-20% 50V
C447	67A 309-109- 7T	1.0UF +-20% 50V
C448	65A 444-681- 5T	680PF 10% 50V Y5P
C451	64A176J-152- 1T	1500PF 100V

C452	65A 444-102- 5T	1000 PF 10% 50V Y5P
C454	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C455	67A 309-109- 7T	1.0UF +-20% 50V
C456	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C459	65A 442-101-13T	100PF +-5% NPO 50V
C460	65A 442-101-13T	100PF +-5% NPO 50V
C461	67A 309-100- 7T	10UF +-20% 50V
C462	65A 442-101-13T	100PF +-5% NPO 50V
C463	65A 442-101-13T	100PF +-5% NPO 50V
C465	67A 309-100- 3T	E.C 10UF +-20% 16V
C603	64A176J-224- 0T	.22UF +-5% 63V
C605	64A176J-104- 1T	0.1UF 5% 100V
C606	65A 444-101- 5T	100 PF 10% 50V Y5P
C608	67A 309-101- 4T	1000UF +-20% 25V
C610	65A 444-152- 5T	1500PF 10% Y5P 50V
C701	67A 309-100- 7T	10UF +-20% 50V
C702	65A 1K-471- 2T	470PF/1KV Y5P+-10%
C704	67A 309-100- 7T	10UF +-20% 50V
C706	67A 309-220- 7T	22UF +-20% 50V
C707	64A176J-473- 2T	0.047UF 5% 250V MPE
C708	67A 309-100- 7T	10UF +-20% 50V
C710	67A 215-478- 7T	0.47U 50V
C717	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C718	65A 450-103- 7T	10000PF/50V Y5V +80% -20
C901	67A 309-100- 7T	10UF +-20% 50V
C905	67A 305-229- 7T	2.2UF +-20% 50V
C906	65A 444-681- 5T	680PF 10% 50V Y5P
C910	65A 442-151-13T	150PF +-5% NPO 50V
C911	64A701J-224-0AT	0.22uF/50V +-5%
C912	65A 444-102- 5T	1000 PF 10% 50V Y5P
C916	67A 305-470- 7T	47UF 20% 50V
C918	64A700J-332-0AT	3.3nF/50V +-5%
C919	64A700J-102-0AT	PEN 0.001UF/50V +-5%
C920	65A 444-102- 5T	1000 PF 10% 50V Y5P
C921	64A700J-104-0AT	0.1uF/50V +-5%
C922	65A517M-103- 3T	10NF/500V Z5U +-20%
C923	65A 1K-221- 2T	220PF/1KV Z5P+-10%
C924	64A700J-332-0AT	3.3nF/50V +-5%
C926	67A 305-470- 7T	47UF 20% 50V
C930	67A 305-470- 7T	47UF 20% 50V
C932	65A 1K-101- 5T	100PF/1KV Y5P+-10%
C935	67A 305-470- 7T	47UF 20% 50V
C937	67A 309-101- 3T	E.C 100UF +-20% 16V
C940	67A 309-220- 7T	22UF +-20% 50V
C941	64A700J-104-0AT	0.1uF/50V +-5%
C942	65A 442-470- 9T	47pF/50V SL
C943	65A 442-470- 9T	47pF/50V SL
C944	67A 309-100- 7T	10UF +-20% 50V
C945	65A 1K-101- 2T	100PF 1KV Z5P
C947	65A 442-101-13T	100PF +-5% NPO 50V
C950	65A 1K-221- 2T	220PF/1KV Z5P+-10%
C952	67A 305-100- 7T	10UF +-20% 50V
C955	65A 1K-221- 5T	220PF/1KV Y5P+-10%
C957	64A700J-104-0AT	0.1uF/50V +-5%
C958	64A700J-222-0AT	2.2nF 50V +-5%
C959	64A176J-224- 0T	.22UF +-5% 63V
D101	93A 64- 11-52T	DIODE 1N4148
D107	95A 90- 23	TIN COATED
D401	95A 90- 23	TIN COATED
D402	93A 64-501-52T	SWITCHING DIODE BAV21
D403	95A 90- 23	TIN COATED
D404	93A 64- 11-52T	DIODE 1N4148
D405	93A1002- 1W-52T	1N5817
D406	93A1060- 6-52T	F R D BYV26C
D407	93A 64- 11-52T	DIODE 1N4148
D409	93A 64- 11-52T	DIODE 1N4148
D410	93A 64-501-52T	SWITCHING DIODE BAV21
D411	93A 64- 11-52T	DIODE 1N4148
D412	93A 64- 11-52T	DIODE 1N4148
D413	93A 64- 11-52T	DIODE 1N4148
D414	93A 60-21P-52T	PS156R



D415	93A 60-21P-52T	PS156R
D417	93A 60-21P-52T	PS156R
D418	93A 64- 11-52T	DIODE 1N4148
D419	93A 60-21P-52T	PS156R
D420	93A 64-31T-52T	BAV20
D423	93A 64- 11-52T	DIODE 1N4148
D425	93A 64- 11-52T	DIODE 1N4148
D426	93A 64- 11-52T	DIODE 1N4148
D429	93A 64- 11-52T	DIODE 1N4148
D430	93A1040- 2-52T	F.R.D UF4004/GIT
D431	93A 64- 11-52T	DIODE 1N4148
D438	93A 64- 11-52T	DIODE 1N4148
D601	93A 52-47T-52T	1N4004
D602	93A 64- 11-52T	DIODE 1N4148
D603	95A 90- 23	TIN COATED
D703	93A 64- 11-52T	DIODE 1N4148
D704	93A1060- 6-52T	F R D BYV26C
D705	93A 60-21P-52T	PS156R
D706	93A1060- 6-52T	F R D BYV26C
D707	93A 64- 11-52T	DIODE 1N4148
D708	93A1060- 6-52T	F R D BYV26C
D709	93A 64- 11-52T	DIODE 1N4148
D905	93A 64-31T-52T	BAV20
D906	93A 64-31T-52T	BAV20
D909	93A 64- 11-52T	DIODE 1N4148
D910	93A1060- 6-52T	F R D BYV26C
D911	61A 172-479-52T	4.7 OHM +-5% 1/4W
D913	93A 64- 11-52T	DIODE 1N4148
D914	93A 64- 11-52T	DIODE 1N4148
D924	93A 64- 11-52T	DIODE 1N4148
D926	93A 60-38P-52T	PS102R
D927	93A 60-38P-52T	PS102R
D939	93A 64- 11-52T	DIODE 1N4148
FB401	71A 55- 19- T	BEAD
FB902	71A 55- 19- T	BEAD
FB903	95A 90- 23	TIN COATED
FB904	71A 55- 19- T	BEAD
J001	95A 90- 23	TIN COATED
J003	95A 90- 23	TIN COATED
J004	71A 55- 19- T	BEAD
J005	95A 90- 23	TIN COATED
J006	95A 90- 23	TIN COATED
J007	95A 90- 23	TIN COATED
J008	95A 90- 23	TIN COATED
J009	95A 90- 23	TIN COATED
J012	95A 90- 23	TIN COATED
J013	95A 90- 23	TIN COATED
J014	95A 90- 23	TIN COATED
J015	95A 90- 23	TIN COATED
J016	95A 90- 23	TIN COATED
J018	95A 90- 23	TIN COATED
J020	95A 90- 23	TIN COATED
J022	95A 90- 23	TIN COATED
J023	95A 90- 23	TIN COATED
J024	95A 90- 23	TIN COATED
J025	95A 90- 23	TIN COATED
J026	95A 90- 23	TIN COATED
J027	95A 90- 23	TIN COATED
J028	95A 90- 23	TIN COATED
J029	95A 90- 23	TIN COATED
J030	95A 90- 23	TIN COATED
J031	95A 90- 23	TIN COATED
J032	95A 90- 23	TIN COATED
J033	95A 90- 23	TIN COATED
J034	95A 90- 23	TIN COATED
J035	95A 90- 23	TIN COATED
J036	95A 90- 23	TIN COATED
J037	95A 90- 23	TIN COATED
J038	95A 90- 23	TIN COATED
J039	95A 90- 23	TIN COATED
J040	95A 90- 23	TIN COATED

J041	95A 90- 23	TIN COATED
J042	95A 90- 23	TIN COATED
J043	95A 90- 23	TIN COATED
J044	95A 90- 23	TIN COATED
J045	95A 90- 23	TIN COATED
J046	95A 90- 23	TIN COATED
J048	95A 90- 23	TIN COATED
J049	95A 90- 23	TIN COATED
J050	95A 90- 23	TIN COATED
J052	71A 55- 19- T	BEAD
J053	95A 90- 23	TIN COATED
J054	95A 90- 23	TIN COATED
J055	95A 90- 23	TIN COATED
J056	95A 90- 23	TIN COATED
J057	95A 90- 23	TIN COATED
J058	95A 90- 23	TIN COATED
J059	95A 90- 23	TIN COATED
J060	95A 90- 23	TIN COATED
J061	95A 90- 23	TIN COATED
J062	95A 90- 23	TIN COATED
J063	95A 90- 23	TIN COATED
J064	95A 90- 23	TIN COATED
J065	95A 90- 23	TIN COATED
J066	95A 90- 23	TIN COATED
J067	95A 90- 23	TIN COATED
J068	95A 90- 23	TIN COATED
J069	95A 90- 23	TIN COATED
J070	95A 90- 23	TIN COATED
J071	95A 90- 23	TIN COATED
J072	95A 90- 23	TIN COATED
J073	95A 90- 23	TIN COATED
J074	95A 90- 23	TIN COATED
J075	95A 90- 23	TIN COATED
J076	95A 90- 23	TIN COATED
J077	95A 90- 23	TIN COATED
J078	95A 90- 23	TIN COATED
J079	95A 90- 23	TIN COATED
J080	95A 90- 23	TIN COATED
J081	95A 90- 23	TIN COATED
J082	95A 90- 23	TIN COATED
J083	95A 90- 23	TIN COATED
J084	95A 90- 23	TIN COATED
J085	95A 90- 23	TIN COATED
J086	95A 90- 23	TIN COATED
J087	95A 90- 23	TIN COATED
J088	95A 90- 23	TIN COATED
J089	95A 90- 23	TIN COATED
J090	95A 90- 23	TIN COATED
J091	95A 90- 23	TIN COATED
J092	95A 90- 23	TIN COATED
J093	95A 90- 23	TIN COATED
J094	95A 90- 23	TIN COATED
J095	95A 90- 23	TIN COATED
J096	95A 90- 23	TIN COATED
J097	95A 90- 23	TIN COATED
J098	95A 90- 23	TIN COATED
J099	95A 90- 23	TIN COATED
J100	95A 90- 23	TIN COATED
J102	61A 172-102-52T	1K OHM 5% 1/4W
J103	95A 90- 23	TIN COATED
J104	95A 90- 23	TIN COATED
J105	95A 90- 23	TIN COATED
J108	71A 55- 19- T	BEAD
J109	95A 90- 23	TIN COATED
J110	95A 90- 23	TIN COATED
J111	95A 90- 23	TIN COATED
J113	95A 90- 23	TIN COATED
J114	95A 90- 23	TIN COATED
J115	95A 90- 23	TIN COATED
J117	95A 90- 23	TIN COATED
J120	95A 90- 23	TIN COATED

J121	95A 90- 23	TIN COATED
J122	95A 90- 23	TIN COATED
J123	95A 90- 23	TIN COATED
J124	95A 90- 23	TIN COATED
J126	95A 90- 23	TIN COATED
J127	95A 90- 23	TIN COATED
J128	95A 90- 23	TIN COATED
J129	95A 90- 23	TIN COATED
J132	95A 90- 23	TIN COATED
J199	95A 90- 23	TIN COATED
JS901	95A 90- 23	TIN COATED
L101	73A 54-339-10T	3.3UH+10% RF COATED CHO
L403	95A 90- 23	TIN COATED
Q101	57A 420- SG- T	KSA733C-G TA FAIRCHILD
Q102	57A 446- 3- T	TOSHIBA 2SC2120-Y
Q401	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q402	57A 731- 1A- T	2SK2962
Q404	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q406	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q407	57A 446- 1- T	TRAN.2SC1213AC/HITACHI
Q408	57A 721- 1- T	DTC114ES ROHM
Q410	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q411	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q413	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q414	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q415	57A 721- 1- T	DTC114ES ROHM
Q421	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q423	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q424	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q426	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q427	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q428	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q429	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q430	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q701	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q702	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q703	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q704	57A 446- 1- T	TRAN.2SC1213AC/HITACHI
Q705	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q706	57A 498- 1- T	TRAN BF423 TAPING PHILIP
Q707	57A 721- 1- T	DTC114ES ROHM
Q708	57A 708- 1- T	2SC4002E
Q709	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q710	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q906	57A 594-504- T	KSP44TA
Q907	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q910	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q912	57A 446- 1- T	TRAN.2SC1213AC/HITACHI
Q913	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q914	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q915	57A 619- 1- T	2SA673AC/HITACHI
Q916	57A 419- P- T	TRAN 2SC945P/NEC TAPING
R107	61A 602-103-52T	10K OHM 5% 1/6W
R108	61A 602-101-52T	100 OHM 5% 1/6W
R109	61A 602-101-52T	100 OHM 5% 1/6W
R110	61A 602-472-52T	4.7K OHM 5% 1/6W
R111	61A 602-222-52T	2.2K OHM +-5% 1/6W
R112	61A 172-101-52T	100 OHM 5% 1/4W
R113	61A 602-472-52T	4.7K OHM 5% 1/6W
R114	61A 602-472-52T	4.7K OHM 5% 1/6W
R115	61A 602-472-52T	4.7K OHM 5% 1/6W
R116	61A 602-472-52T	4.7K OHM 5% 1/6W
R117	61A 602-472-52T	4.7K OHM 5% 1/6W
R118	61A 602-472-52T	4.7K OHM 5% 1/6W
R119	61A 602-472-52T	4.7K OHM 5% 1/6W
R120	61A 602-472-52T	4.7K OHM 5% 1/6W
R128	61A 602-472-52T	4.7K OHM 5% 1/6W
R129	61A 602-472-52T	4.7K OHM 5% 1/6W
R130	61A 172-102-52T	1K OHM 5% 1/4W
R131	61A 172-101-52T	100 OHM 5% 1/4W
R132	61A 602-102-52T	1K OHM 5% 1/6W

R140	61A 602-103-52T	10K OHM 5% 1/6W
R141	61A 602-103-52T	10K OHM 5% 1/6W
R142	61A 602-472-52T	4.7K OHM 5% 1/6W
R143	61A 602-103-52T	10K OHM 5% 1/6W
R144	61A 602-472-52T	4.7K OHM 5% 1/6W
R145	61A 172-152-52T	1.5K OHM 5% 1/4W
R146	61A 172-562-52T	5.6K OHM 5% 1/4W
R148	61A 602-562-52T	5.6K OHM 5% 1/6W
R149	61A 602-272-52T	2.7K OHM 5% 1/6W
R150	61A 602-392-52T	3.9K OHM 5% 1/6W
R151	61A 602-682-52T	6.8K OHM 5% 1/6W
R161	61A 602-473-52T	47K OHM 5% 1/6W
R162	61A 602-473-52T	47K OHM 5% 1/6W
R163	61A 172-181-52T	180 OHM +-5% 1/4W
R164	61A 602-100-52T	10 OHM +-5% 1/6W
R165	61A 602-103-52T	10K OHM 5% 1/6W
R167	61A 602-105-52T	1M OHM 5% 1/6W
R180	61A 602-101-52T	100 OHM 5% 1/6W
R181	61A 602-101-52T	100 OHM 5% 1/6W
R199	61A 172-151-52T	150 OHM 5% 1/4W
R401	61A 602-332-52T	3.3K OHM 5% 1/6W
R402	61A 210-751-52T	750 OHM 1% 1/6W
R403	61A 210-272-52T	2.7K OHM 1% 1/6W
R404	61A 602-103-52T	10K OHM 5% 1/6W
R405	61A 172-333-52T	33K OHM 5% 1/4W
R407	61A 602-123-52T	12K OHM 5% 1/6W
R408	61A 172-432-52T	4.3K OHM 5% 1/4W
R409	61A 172-562-52T	5.6K OHM 5% 1/4W
R410	61A 602-221-52T	220 OHM +-5% 1/6W
R411	61A 172-104-52T	100K OHM +-5% 1/4W
R412	61A 602-101-52T	100 OHM 5% 1/6W
R413	61A 210-153-52T	15K OHM 1% 1/6W
R414	61A 602-222-52T	2.2K OHM +-5% 1/6W
R415	61A 602-102-52T	1K OHM 5% 1/6W
R416	61A 602-101-52T	100 OHM 5% 1/6W
R417	61A 172-102-52T	1K OHM 5% 1/4W
R418	61A 602-203-52T	20K OHM 5% 1/6W
R419	61A 172-114-52T	110K OHM 5% 1/4W
R420	61A 172-103-52T	10K OHM 5% 1/4W
R421	61A 602-913-52T	91K OHM +-5% 1/6W
R422	61A175L-154-52T	150K +-5% 1/2W
R423	61A 602-563-52T	56K OHM +-5% 1/6W
R424	61A 602-100-52T	10 OHM +-5% 1/6W
R425	61A 172-220-52T	22 OHM 5% 1/4W
R427	61A175L-220-52T	22 OHM +-5% 1/2W
R430	61A 602-472-52T	4.7K OHM 5% 1/6W
R431	61A 602-222-52T	2.2K OHM +-5% 1/6W
R432	61A 602-222-52T	2.2K OHM +-5% 1/6W
R433	61A 602-202-52T	2K OHM 5% 1/6W
R434	61A 602-823-52T	82K OHM +-5% 1/6W
R435	61A 172-752-52T	7.5K OHM 5% 1/4W
R436	61A 210-124-52T	120K OHM 1% 1/6W
R437	61A 172-152-52T	1.5K OHM 5% 1/4W
R438	61A 172-152-52T	1.5K OHM 5% 1/4W
R439	61A 172-393-52T	39K OHM 5% 1/4W
R440	61A 172-152-52T	1.5K OHM 5% 1/4W
R441	61A 602-222-52T	2.2K OHM +-5% 1/6W
R442	61A 602-222-52T	2.2K OHM +-5% 1/6W
R444	61A 602-222-52T	2.2K OHM +-5% 1/6W
R445	61A 602-222-52T	2.2K OHM +-5% 1/6W
R446	61A175L-154-52T	150K +-5% 1/2W
R447	61A 602-102-52T	1K OHM 5% 1/6W
R448	61A 602-563-52T	56K OHM +-5% 1/6W
R449	61A 602-472-52T	4.7K OHM 5% 1/6W
R450	61A 602-222-52T	2.2K OHM +-5% 1/6W
R452	61A 172-152-52T	1.5K OHM 5% 1/4W
R453	61A 172-101-52T	100 OHM 5% 1/4W
R454	61A 602-103-52T	10K OHM 5% 1/6W
R455	61A 602-153-52T	15K OHM 5% 1/6W
R457	61A212Y-474-52T	470K 1/2W
R458	61A 602-222-52T	2.2K OHM +-5% 1/6W

R459	61A 602-474-52T	470K OHM 5% 1/6W
R460	61A175L-154-52T	150K +5% 1/2W
R461	61A 602-563-52T	56K OHM +5% 1/6W
R462	61A 602-472-52T	4.7K OHM 5% 1/6W
R463	61A 602-472-52T	4.7K OHM 5% 1/6W
R464	61A 602-563-52T	56K OHM +5% 1/6W
R465	61A 602-222-52T	2.2K OHM +5% 1/6W
R466	61A 172-104-52T	100K OHM +5% 1/4W
R467	61A175L-681-52T	680 OHM 5% 1/2W
R468	61A 400- 47-52T	2.87K OHM 1% 1/4W
R470	61A 602-222-52T	2.2K OHM +5% 1/6W
R471	61A 602-152-52T	1.5K OHM +5% 1/6W
R472	61A175L-154-52T	150K +5% 1/2W
R473	61A 602-103-52T	10K OHM 5% 1/6W
R474	61A 602-222-52T	2.2K OHM +5% 1/6W
R475	61A 172-104-52T	100K OHM +5% 1/4W
R476	61A 602-473-52T	47K OHM 5% 1/6W
R478	61A 602-153-52T	15K OHM 5% 1/6W
R479	61A 602-474-52T	470K OHM 5% 1/6W
R480	61A 172-100-52T	10 OHM +5% 1/4W
R481	61A 602-100-52T	10 OHM +5% 1/6W
R482	61A 602-100-52T	10 OHM +5% 1/6W
R483	61A 172-100-52T	10 OHM +5% 1/4W
R484	61A 602-332-52T	3.3K OHM 5% 1/6W
R489	61A 602-303-52T	30K OHM 5% 1/6W
R490	61A 172-152-52T	1.5K OHM 5% 1/4W
R492	61A 602-100-52T	10 OHM +5% 1/6W
R493	61A 602-104-52T	100K OHM 5% 1/6W
R495	61A 172-243-52T	24K OHM 5% 1/4W
R603	61A 602-101-52T	100 OHM 5% 1/6W
R604	61A 602-101-52T	100 OHM 5% 1/6W
R608	61A 210-223-52T	22K OHM 1% 1/6W
R610	61A 602-221-52T	220 OHM +5% 1/6W
R621	61A 602-222-52T	2.2K OHM +5% 1/6W
R625	61A 602-682-52T	6.8K OHM 5% 1/6W
R626	61A 602-472-52T	4.7K OHM 5% 1/6W
R627	61A175L-159-52T	1.5 OHM 5% 1/2W
R630	61A 602-222-52T	2.2K OHM +5% 1/6W
R631	61A 602-471-52T	470 OHM +5% 1/6W
R634	61A 602-471-52T	470 OHM +5% 1/6W
R635	61A175L-479-52T	4.7 OHM 5% 1/2W
R636	95A 90- 23	TIN COATED
R701	61A 602-103-52T	10K OHM 5% 1/6W
R702	61A 602-913-52T	91K OHM +5% 1/6W
R703	61A 602-622-52T	6.2K OHM +5% 1/6W
R704	61A 172-182-52T	1.8K OHM 5% 1/4W
R705	61A 602-101-52T	100 OHM 5% 1/6W
R706	61A 602-100-52T	10 OHM +5% 1/6W
R707	61A 602-103-52T	10K OHM 5% 1/6W
R708	61A 602-823-52T	82K OHM +5% 1/6W
R709	61A 602-103-52T	10K OHM 5% 1/6W
R710	61A175L-150-52T	15 OHM 5% 1/2W
R711	61A 602-102-52T	1K OHM 5% 1/6W
R712	61A 172-153-52T	15K OHM 5% 1/4W
R713	61A 172-102-52T	1K OHM 5% 1/4W
R714	61A 602-102-52T	1K OHM 5% 1/6W
R715	95A 90- 23	TIN COATED
R718	61A 602-103-52T	10K OHM 5% 1/6W
R719	61A 602-473-52T	47K OHM 5% 1/6W
R720	61A212Y-125-52T	1.2MOHM +5% 1/2W
R721	61A 602-473-52T	47K OHM 5% 1/6W
R722	61A 602-103-52T	10K OHM 5% 1/6W
R724	61A212Y-105-52T	1M OHM+5% 1/2W Metal gl
R725	61A212Y-274-52T	270K 1/2W +5%
R726	61A 602-103-52T	10K OHM 5% 1/6W
R728	61A212Y-105-52T	1M OHM+5% 1/2W Metal gl
R729	61A 602-103-52T	10K OHM 5% 1/6W
R730	61A175L-479-52T	4.7 OHM 5% 1/2W
R731	61A175L-274-52T	270K OHM +5% 1/2W
R733	61A 602-823-52T	82K OHM +5% 1/6W
R734	61A175L-475-52T	4.7M OHM 1/2W 5% CARBON



R735	61A 602-332-52T	3.3K OHM 5% 1/6W
R736	61A 602-752-52T	7.5K OHM +-5% 1/6W
R737	93A 64- 11-52T	DIODE 1N4148
R738	61A 172-102-52T	1K OHM 5% 1/4W
R739	61A175L-333-52T	33K OHM 5% 1/2W
R740	61A175L-274-52T	270K OHM +-5% 1/2W
R741	61A 602-622-52T	6.2K OHM +-5% 1/6W
R742	61A212Y-154-52T	150K 1/2W
R744	61A 602-102-52T	1K OHM 5% 1/6W
R900	61A175L-106-52T	10M OHM +-5% 1/2W
R902	61A 602-242-52T	2.4K OHM +-5% 1/6W
R903	61A 602-391-52T	390 OHM 5% 1/6W
R905	61A212Y-105-52T	1M OHM+-5% 1/2W Metal gl
R906	61A 172-103-52T	10K OHM 5% 1/4W
R908	95A 90- 23	TIN COATED
R909	61A214Y-105-52T	1M OHM 1/4W +-5%
R913	61A214Y-105-52T	1M OHM 1/4W +-5%
R914	61A 172-100-52T	10 OHM +-5% 1/4W
R915	61A 172-103-52T	10K OHM 5% 1/4W
R916	61A 172-223-52T	22K OHM 5% 1/4W
R917	61A 172-470-52T	47 OHM 5% 1/4W
R923	61A 172-473-52T	47K OHM 5% 1/4W
R924	61A214Y-474-52T	? 470K 1/4W
R925	61A214Y-474-52T	? 470K 1/4W
R928	71A 55- 23- S	FERRITE
R930	61A 172-102-52T	1K OHM 5% 1/4W
R932	95A 90- 23	TIN COATED
R933	61A212Y-683-52T	MATEL GLAZE 68K OHM 1/2
R934	61A 172-102-52T	1K OHM 5% 1/4W
R935	61A175L-154-52T	150K +-5% 1/2W
R936	61A 172-222-52T	2.2K OHM 5% 1/4W
R937	61A 172-151-52T	150 OHM 5% 1/4W
R938	61A 172-220-52T	22 OHM 5% 1/4W
R939	61A 172-203-52T	20K OHM 5% 1/4W
R940	61A 171-223-52T	22K OHM +-2% 1/4W
R941	61A 172-181-52T	180 OHM +-5% 1/4W
R942	61A 172-101-52T	100 OHM 5% 1/4W
R954	61A175L-333-52T	33K OHM 5% 1/2W
R956	61A 172-272-52T	2.7K OHM 5% 1/4W
R957	61A 172-473-52T	47K OHM 5% 1/4W
R958	61A175L-102-52T	1K OHM +-5% 1/2W
R959	61A 602-223-52T	22K OHM 5% 1/6W
R960	61A 602-473-52T	47K OHM 5% 1/6W
R961	61A175L-270-52T	27 OHM +-5% 1/2W
R962	61A 172-220-52T	22 OHM 5% 1/4W
R963	61A 172-100-52T	10 OHM +-5% 1/4W
R969	61A214Y-913-52T	91K OHM 1/4W
R970	61A 602-562-52T	5.6K OHM 5% 1/6W
R971	61A 172-104-52T	100K OHM +-5% 1/4W
R972	61A 602-912-52T	9.1K OHM +-5% 1/6W
R973	61A 602-223-52T	22K OHM 5% 1/6W
R974	61A 602-101-52T	100 OHM 5% 1/6W
R976	61A175L-101-52T	100 OHM +-5% 1/2W
R977	61A 172-103-52T	10K OHM 5% 1/4W
R978	61A 172-103-52T	10K OHM 5% 1/4W
R981	61A 602-103-52T	10K OHM 5% 1/6W
R982	61A 172-471-52T	470 OHM 5% 1/4W
R983	61A 602-223-52T	22K OHM 5% 1/6W
ZD101	93A 39- 73-52T	HZ6B1/HITACHI
ZD102	93A 39-515-52T	TZX3V0C
ZD401	93A 39-543-52T	TZX9V1C/TFK
ZD402	93A 39- 73-52T	HZ6B1/HITACHI
ZD403	93A 39-515-52T	TZX3V0C
ZD404	93A 39-520-52T	TZX18A
ZD405	93A 39-515-52T	TZX3V0C
ZD406	93A 39-516-52T	TELEFUNKEN TZX5V1B
ZD407	93A 39-536-52T	HITACHI HZ11C3
ZD408	93A 39-516-52T	TELEFUNKEN TZX5V1B
ZD409	93A 39-515-52T	TZX3V0C
ZD410	93A 39-515-52T	TZX3V0C
ZD702	93A 39- 58-52T	ZD HZ24-2/HITACHI

ZD704	93A 39-519-52T	TZX8V2B
ZD901	93A 39-113-52T	ZD HZ20-2/HITACHI
ZD902	93A 39-549-52T	HZ16-1/HITACHI
ZD903	93A 39-520-52T	TZX18A
ZD906	93A 39-113-52T	ZD HZ20-2/HITACHI
ZD908	93A 39-113-52T	ZD HZ20-2/HITACHI
	CRS790VDMEL	CRT BOARD FOR S790V2-
	ARS790VDMEL	CRT BOARD FOR S790V2-1 M
	40A 581- 26-605	LABEL
	87A3504- DL	CRT SOCKET
	705A790V-R56- 01	IC803 ASS'Y
C816	67A 309-101- 3T	E.C 100UF +-20% 16V
C852	65A517K-102- 5T	1000PF 500V +-10% Y5P
C860	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C874	65A 2M-103- 3B	0.01UF 2KV 20% Z5U
FB802	53A 40- 11	DSS306-55Y5S470M100
FB803	53A 40- 11	DSS306-55Y5S470M100
FB804	53A 40- 11	DSS306-55Y5S470M100
G2	9A 203- 8	BRASS PIN
IC801	56A 366- 5B	TDA4886
IC802	56A1131- 15	NT6828-00023
P801	33A3278-11A	*Insert from PIN3 to PIN 18
P802	33A3278- 12	11P PLUG
P803	33A3278- 6	12 PIN
R820	61A 208-330- 64	6P PLUG B6B-XHA
R835	71A 55- 19- T	33 OHM 5% 1W
R872	61A175L-101-52T	BEAD
R878	61A 208-159- 64	100 OHM +-5% 1/2W
SG801	62A 10- 2- JT	1.5 OHM 1W
SG802	62A 10- 2- JT	SPARK GAP ? 200V
SG803	62A 10- 2- JT	SPARK GAP ? 200V
SG804	62A 10- 16- J	SPARK GAP ? 200V
	ARS790VDMEL	1KV SPARK gap
	6A 31- 4	CRT BOARD FOR S790V2-
	715A 839- 1	BRASS * FOR CRT SOCKET
★		CRT BOARD
C801	64A176J-104- 0T	0.1UF 5% 63V
C802	64A176J-104- 0T	0.1UF 5% 63V
C803	64A176J-104- 0T	0.1UF 5% 63V
C804	67A 309-221- 3T	220UF +-20% 16V
C805	67A 309-101- 3T	E.C 100UF +-20% 16V
C806	67A 309-101- 3T	E.C 100UF +-20% 16V
C807	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C809	67A 309-109- 7T	1.0UF +-20% 50V
C813	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C814	65A 444-102-13T	1000PF +-10% Y5P 50V
C815	65A 442-101-13T	100PF +-5% NPO 50V
C817	64A700J-103-0AT	0.01UF 50V +-5%
C818	64A176J-104- 0T	0.1UF 5% 63V
C819	65A 442-101-13T	100PF +-5% NPO 50V
C820	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C821	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C822	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C823	65A 444-102-13T	1000PF +-10% Y5P 50V
C824	65A 442-101-13T	100PF +-5% NPO 50V
C825	65A 442-470- 9T	47pF/50V SL
C826	65A 442-100-13T	10PF +-5% NPO 50V
C827	65A 442-100-13T	10PF +-5% NPO 50V
C828	65A 442-100-13T	10PF +-5% NPO 50V
C840	67A 309-109- 9T	1UF +-20% 100V
C848	65A517K-102- 5T	1000PF 500V +-10% Y5P
C851	67A 309-470- 7T	47UF +-20% 50V
C853	67A 70-109- 9T	1UF/100V
C854	67A 70-109- 9T	1UF/100V
C855	67A 70-109- 9T	1UF/100V
C856	67A 309-109- 9T	1UF +-20% 100V
C857	67A 309-109- 9T	1UF +-20% 100V
C858	67A 309-109- 9T	1UF +-20% 100V
C859	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C861	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C862	64A176J-104- 1T	0.1UF 5% 100V
C863	65A517K-102- 5T	1000PF 500V +-10% Y5P

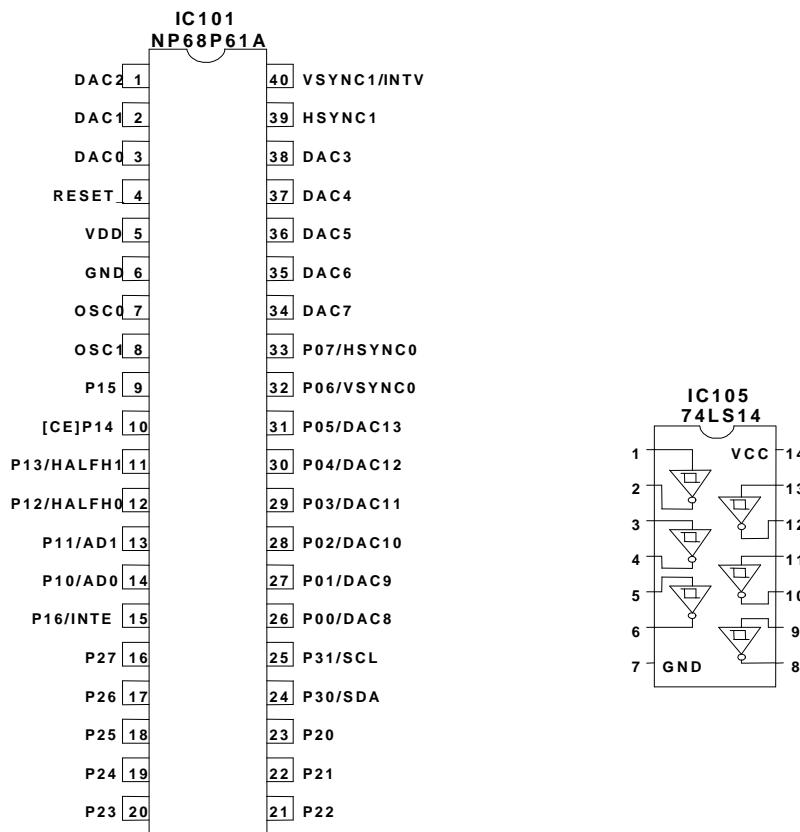
C864	64A176J-104- 1T	0.1UF 5% 100V
C865	67A 309-109- 9T	1UF +-20% 100V
C866	64A176J-104- 1T	0.1UF 5% 100V
C867	67A 309-109- 9T	1UF +-20% 100V
C868	65A517K-102- 5T	1000PF 500V +-10% Y5P
C869	65A 444-102-13T	1000PF +-10% Y5P 50V
C870	67A 309-220- 9T	22UF 100V 85C
C871	67A 309-100- 7T	10UF +-20% 50V
C873	65A517K-102- 5T	1000PF 500V +-10% Y5P
C875	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C876	65A517K-102- 5T	1000PF 500V +-10% Y5P
C877	65A517K-102- 5T	1000PF 500V +-10% Y5P
C878	65A517K-102- 5T	1000PF 500V +-10% Y5P
D801	93A 64- 11-52T	DIODE 1N4148
D802	93A 64- 11-52T	DIODE 1N4148
D803	93A 64- 11-52T	DIODE 1N4148
D804	93A 64- 11-52T	DIODE 1N4148
D805	93A 64- 11-52T	DIODE 1N4148
D806	93A 64- 11-52T	DIODE 1N4148
D850	93A 64-501-52T	SWITCHING DIODE BAV21
D851	93A 64-501-52T	SWITCHING DIODE BAV21
D852	93A 64-501-52T	SWITCHING DIODE BAV21
D853	93A 64-501-52T	SWITCHING DIODE BAV21
D854	93A 64-501-52T	SWITCHING DIODE BAV21
D855	93A 64-501-52T	SWITCHING DIODE BAV21
D856	93A 64-501-52T	SWITCHING DIODE BAV21
D857	93A 64-501-52T	SWITCHING DIODE BAV21
D858	93A 64-501-52T	SWITCHING DIODE BAV21
D859	95A 90- 23	TIN COATED
D860	95A 90- 23	TIN COATED
D861	95A 90- 23	TIN COATED
D863	93A1060- 6-52T	F R D BYV26C
FB801	95A 90- 23	TIN COATED
FB805	71A 55- 19- T	BEAD
FB806	71A 55- 19- T	BEAD
FB807	71A 55- 19- T	BEAD
FB808	71A 55- 19- T	BEAD
FB809	71A 55- 19- T	BEAD
FB850	71A 55- 19- T	BEAD
FB851	71A 55- 19- T	BEAD
J801	95A 90- 23	TIN COATED
J803	95A 90- 23	TIN COATED
J804	95A 90- 23	TIN COATED
J805	71A 55- 19- T	BEAD
J806	95A 90- 23	TIN COATED
J807	95A 90- 23	TIN COATED
J808	95A 90- 23	TIN COATED
J809	95A 90- 23	TIN COATED
J810	95A 90- 23	TIN COATED
J811	95A 90- 23	TIN COATED
J812	95A 90- 23	TIN COATED
J813	95A 90- 23	TIN COATED
J814	95A 90- 23	TIN COATED
J815	95A 90- 23	TIN COATED
J816	95A 90- 23	TIN COATED
J817	95A 90- 23	TIN COATED
J818	95A 90- 23	TIN COATED
J819	95A 90- 23	TIN COATED
J820	95A 90- 23	TIN COATED
J821	95A 90- 23	TIN COATED
L801	61A 172-101-52T	100 OHM 5% 1/4W
L850	73A 54-228-10T	0.22UH +-10%
L851	73A 54-228-10T	0.22UH +-10%
L852	73A 54-228-10T	0.22UH +-10%
Q801	65A 442-181-13T	180PF +-5% NPO 50V
Q802	65A 442-181-13T	180PF +-5% NPO 50V
Q803	65A 442-181-13T	180PF +-5% NPO 50V
Q850	57A 493- 10- T	TRANSISTOR BF422/PHLIPS
Q851	57A 493- 10- T	TRANSISTOR BF422/PHLIPS
Q852	57A 493- 10- T	TRANSISTOR BF422/PHLIPS
Q853	57A 419- P- T	TRAN 2SC945P/NEC TAPING

Q854	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q855	57A 419- P- T	TRAN 2SC945P/NEC TAPING
R801	61A 602-750-52T	75 OHM 5% 1/6W
R802	61A 602-750-52T	75 OHM 5% 1/6W
R803	61A 602-750-52T	75 OHM 5% 1/6W
R804	61A 602-330-52T	33 OHM +-5% 1/6W
R805	61A 602-330-52T	33 OHM +-5% 1/6W
R806	61A 602-330-52T	33 OHM +-5% 1/6W
R807	61A 602-101-52T	100 OHM 5% 1/6W
R808	61A 602-101-52T	100 OHM 5% 1/6W
R809	61A 602-101-52T	100 OHM 5% 1/6W
R810	61A 602-101-52T	100 OHM 5% 1/6W
R811	61A 602-101-52T	100 OHM 5% 1/6W
R812	61A 602-100-52T	10 OHM +-5% 1/6W
R816	61A 602-102-52T	1K OHM 5% 1/6W
R817	61A 172-333-52T	33K OHM 5% 1/4W
R818	61A 602-203-52T	20K OHM 5% 1/6W
R819	95A 90- 23	TIN COATED
R821	61A 172-151-52T	150 OHM 5% 1/4W
R822	61A 602-101-52T	100 OHM 5% 1/6W
R823	61A 602-101-52T	100 OHM 5% 1/6W
R824	61A 602-100-52T	10 OHM +-5% 1/6W
R825	61A 602-100-52T	10 OHM +-5% 1/6W
R826	61A 602-100-52T	10 OHM +-5% 1/6W
R827	61A 602-471-52T	470 OHM +-5% 1/6W
R828	61A 602-103-52T	10K OHM 5% 1/6W
R829	61A 602-103-52T	10K OHM 5% 1/6W
R830	61A 602-562-52T	5.6K OHM 5% 1/6W
R831	61A 602-752-52T	7.5K OHM +-5% 1/6W
R832	61A 602-562-52T	5.6K OHM 5% 1/6W
R833	61A 602-474-52T	470K OHM 5% 1/6W
R837	61A 602-472-52T	4.7K OHM 5% 1/6W
R850	61A 602-100-52T	10 OHM +-5% 1/6W
R851	61A 602-100-52T	10 OHM +-5% 1/6W
R852	61A 602-100-52T	10 OHM +-5% 1/6W
R853	61A 602-100-52T	10 OHM +-5% 1/6W
R854	61A 172-910-52T	91 OHM +-5% 1/4W
R855	61A 172-910-52T	91 OHM +-5% 1/4W
R856	61A 172-910-52T	91 OHM +-5% 1/4W
R857	61A 172-105-52T	1MEG OHM 5% 1/4W
R858	61A 172-105-52T	1MEG OHM 5% 1/4W
R859	61A 172-105-52T	1MEG OHM 5% 1/4W
R860	61A 172-153-52T	15K OHM 5% 1/4W
R861	61A 172-153-52T	15K OHM 5% 1/4W
R862	61A 172-153-52T	15K OHM 5% 1/4W
R863	61A 172-681-52T	680 OHM 5% 1/4W
R864	61A 172-681-52T	680 OHM 5% 1/4W
R865	61A 172-681-52T	680 OHM 5% 1/4W
R866	61A 602-103-52T	10K OHM 5% 1/6W
R867	61A 602-103-52T	10K OHM 5% 1/6W
R868	61A 602-103-52T	10K OHM 5% 1/6W
R869	61A 172-101-52T	100 OHM 5% 1/4W
R870	61A 172-101-52T	100 OHM 5% 1/4W
R871	61A 172-101-52T	100 OHM 5% 1/4W
R873	61A175L-101-52T	100 OHM +-5% 1/2W
R874	61A175L-101-52T	100 OHM +-5% 1/2W
R875	61A 602-102-52T	1K OHM 5% 1/6W
R876	61A 602-102-52T	1K OHM 5% 1/6W
R877	61A 602-102-52T	1K OHM 5% 1/6W
R879	61A175L-101-52T	100 OHM +-5% 1/2W
R880	61A175L-564-52T	560K OHM 5% 1/2W
R881	61A 172-124-52T	120K OHM 5% 1/4W
R883	61A 172-124-52T	120K OHM 5% 1/4W
R885	61A 172-124-52T	120K OHM 5% 1/4W
R896	61A 602-102-52T	1K OHM 5% 1/6W
R897	61A 602-101-52T	100 OHM 5% 1/6W
R898	61A 602-101-52T	100 OHM 5% 1/6W
ZD801	93A 39-519-52T	TZX8V2B
ZD802	93A 39- 77-52T	HZ5C1
	705A790VR56 01	IC803 ASS'Y
	51A 200- 1	Coolant

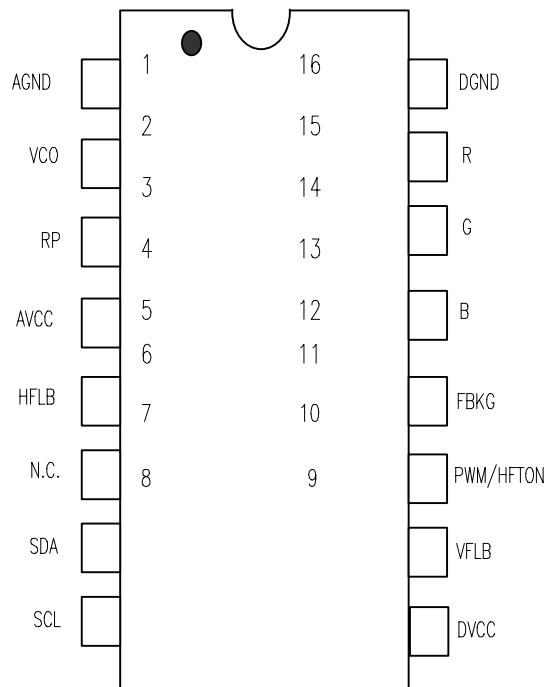
	90A 355-501- A	HEAT SINK
IC803	M1A1730- 8-128	SCREW M3x8
	56A 551-501	LM2437T
	705A781VC57 02	Q420 ASS'Y
	90A 360- 2	HEAT SINK
	M1A1730- 8-128	SCREW M3x8
Q420	57A 610-501	IRF640A BY FAIRCHILD *
	705A781VC87SNI	AC# SOCKET CN901 ASS'
	95A 800- 2- 2C	WIRE & CORE
	96A 29- 6-190	H.S. TUBING DIA.4.0MM
★ CN901	87A 501- 6	RECEPTACLES
	705A790V715 01	EMI ASS'Y
	11A6018- 1	PCB SUPPORT
	50A 500- 1	Tie
★	715A 787- 1- D	EMI
	90A 360- 2	HEAT SINK
	M1A1730- 8-128	SCREW M3x8
Q417	57A 610-501	IRF640A BY FAIRCHILD
	705A790VC57 2A	Q425 ASS'Y
	51A 200- 1	Coolant
	90A 360- 2	HEAT SINK
	M1A1730- 8-128	SCREW M3x8
Q425	57A 728- 3	HSB772P/HSB772E HI-SINCE
	705A790VC93 01	D921 ASS'Y
	71A 55- 2 A	FERRITE BEAD FOR D921
	90A6016- 2	Heatsink
D921	93A3020- 12	RL-3 SANKEN
	705A791VC5601A	IC601 ASS'Y
	5A 42-501	washer
	32A3028- 8	MICA
	90A 365-504- A	HEAT SINK
	M1A1730- 10-128	SCREW M3x10
IC601	56A 574- 1	TDA9302H BY SGS
	705A791VC5701L	Q901/Q904 ASS'Y
	51A 200- 1	Coolant
	90A 348-510- A	HEAT SINK
	M1A1730- 10-128	SCREW M3x10
Q901	57A 724- 6	STP7NC7OZF1P
Q904	57A 723- 3B	2SK2761-01MR
	705A791VC5702L	Q403/Q911/Q405/D408 A
	5A 42-501	washer
	5A 71- 1	TRANSISTOR HOUSING
	32A3028- 8	MICA
	32A3028-505	MICA
	52A6016- 4	SPRING PIECE
	90A 363-519- 03	HEAT SINK
	M1A1130- 8-128	SCREW 3.0X8
	M1A1730- 10-128	SCREW M3x10
	M1A1730- 12-128	SCREW Q403
D408	93A 220- 17	FMQ-2FUR
Q403	57A 706- 7	2SC5521Z
Q405	57A 415-500	TIP122 S.T
Q911	57A 600-504	POWER MOSFET IRF634A FAI
	705A791VC65ME3	C928 ASS'Y
	96A 29- 10	Tube105C 600V For C928
★ C928	65A305M-472-2B2	4700PF +-20% 400VAC PY17
	705A991VC61 ME	R927 ASS'Y
	9A 203-501	PIN For C927
R927	61A153M-333-59B	33K 3W
	705A991VC65ME1	C900 ASS'Y
	96A 29- 10	Tube105C 600V
★ C900	65A305M-472-2B2	4700PF +-20% 400VAC PY17
	705A991VC65ME2	C915 ASS'Y
	96A 29- 12	Tube105C 600V
C915	65A 2M-103- 3B	0.01UF 2KV 20% Z5U
	750A58567906AV	17" CPT CRT TCO ASS'Y
	11A 112- 1 A	WIRE MOUNTS
	11A 112-500	WIRE MOUNT
	52A 1-201	Copper tape
	52A6010- 1	Insolate AL Paper
	750A5856-6AV	CPT 17"0.25 TCO CRT DLY

C498	65A 1K-101- 2T	100PF 1KV Z5P
C499	65A517K-100- 1A	NPO 10PF 500V +-10%
J051	95A 90- 23	TIN COATED
P701	33A3803- 3	WAFER EH-E
R498	61A 172-563-52T	56K OHM 5% 1/4W
R620	61A 208-828- 64	.82 OHM 1W
TP498	95A201M- 50-142	14" negtive PULSE
★	750A58657903AV	17" LG CRT TCO ASS'Y
	52A 1-201	Copper tape
★	52A6011- 1	Insolate AL Paper
	750A1697-503- NB	ROTATION COIL
	750A5865-3AV	17" LG.25 TOP GUN CRT(LG
	750A5865-3AV-ZEC	LG.25 TCO CRT TOP GUN ZE
C498	65A 1K-101- 2T	100PF 1KV Z5P
C499	65A517K-100- 1A	NPO 10PF 500V +-10%
J051	61A175L-479-52T	4.7 OHM 5% 1/2W
P701	33A3278- 2	2P PLUG B2B-XHA/JST
R498	61A 172-563-52T	56K OHM 5% 1/4W
R620	61A 208-688- 64	0.68OHM 1W
TP498	95A201M- 50-142	14" negtive PULSE

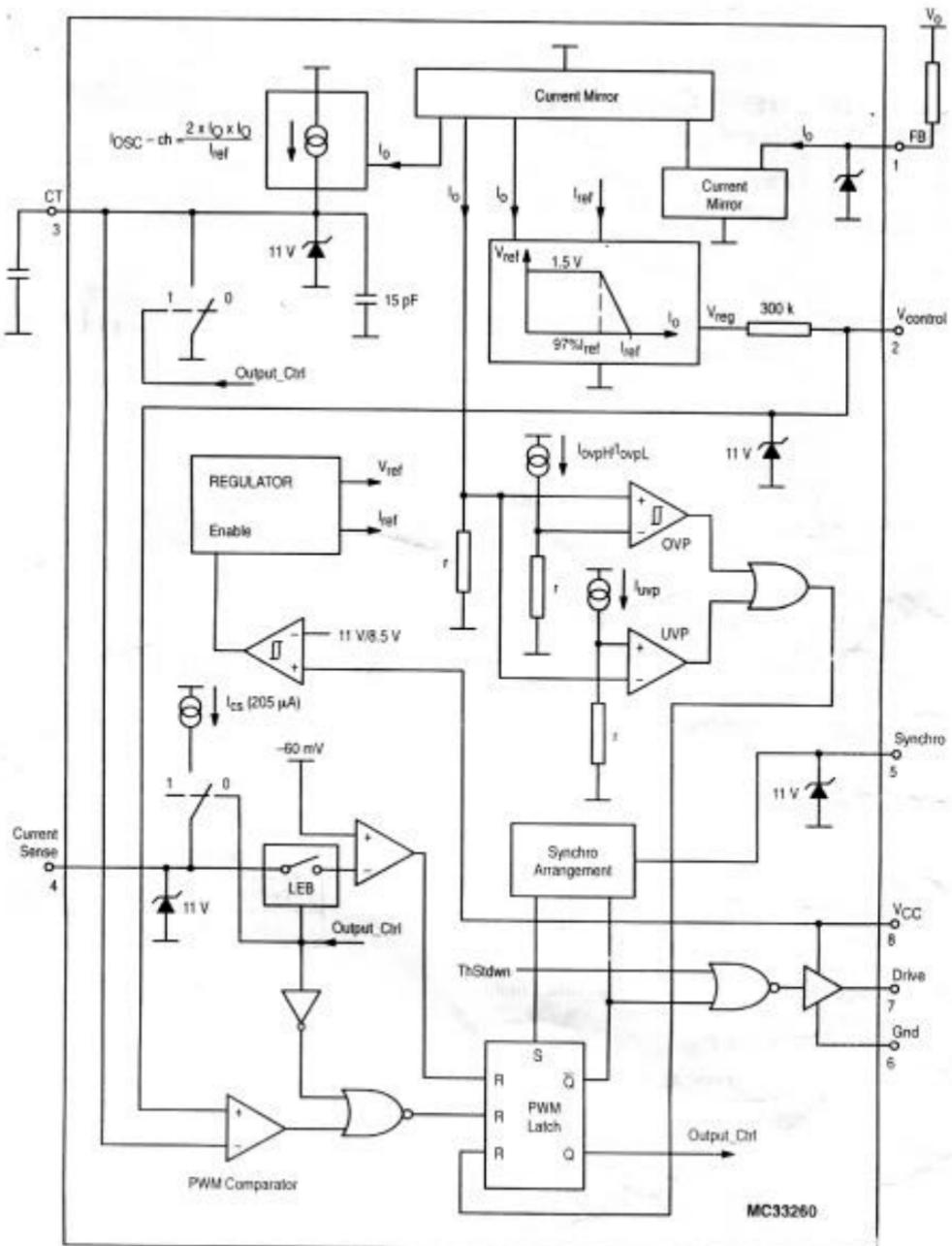
9. IC BLOCK DIAGRAM



IC802 NT6828 OSD IC

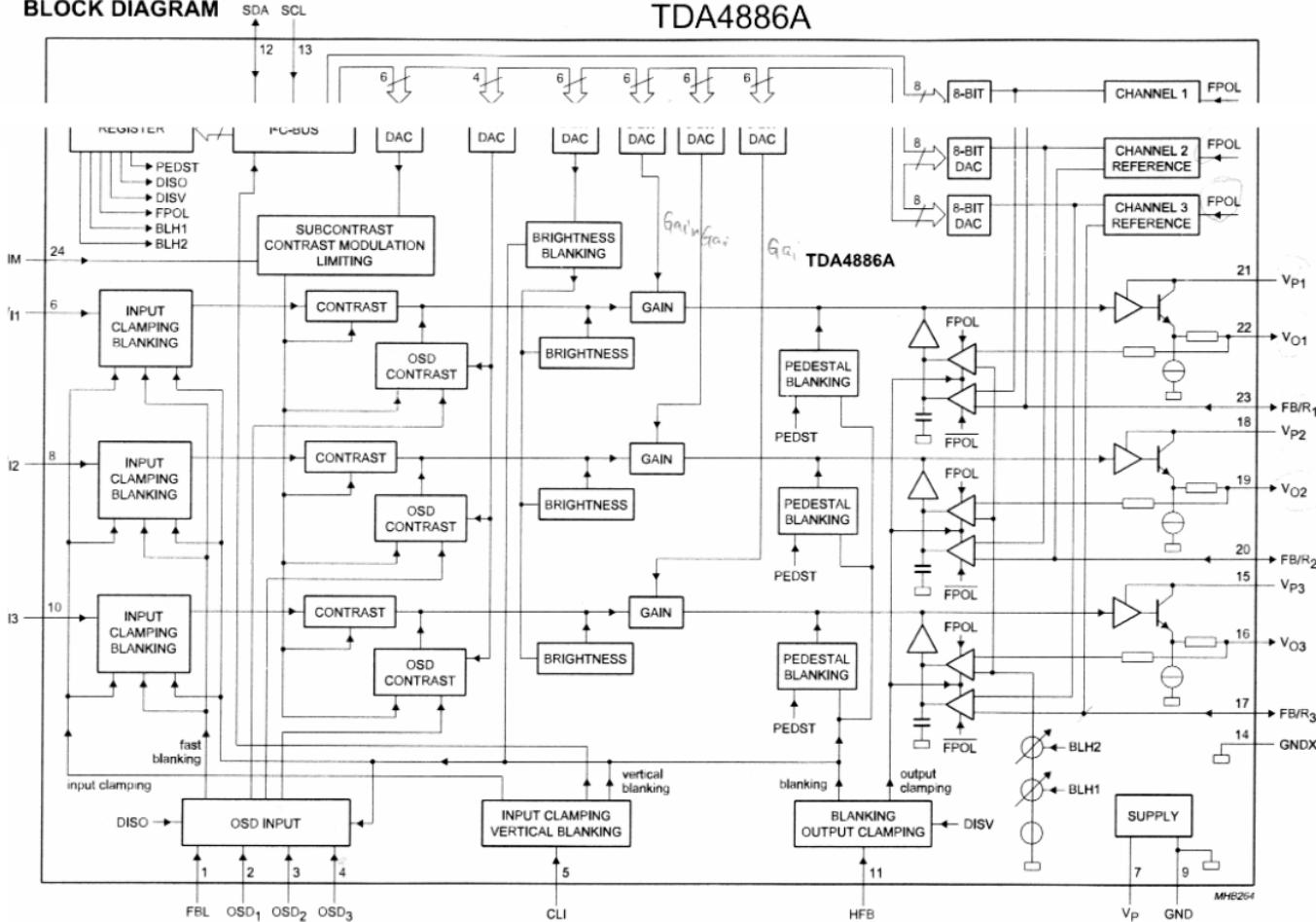


BLOCK DIAGRAM

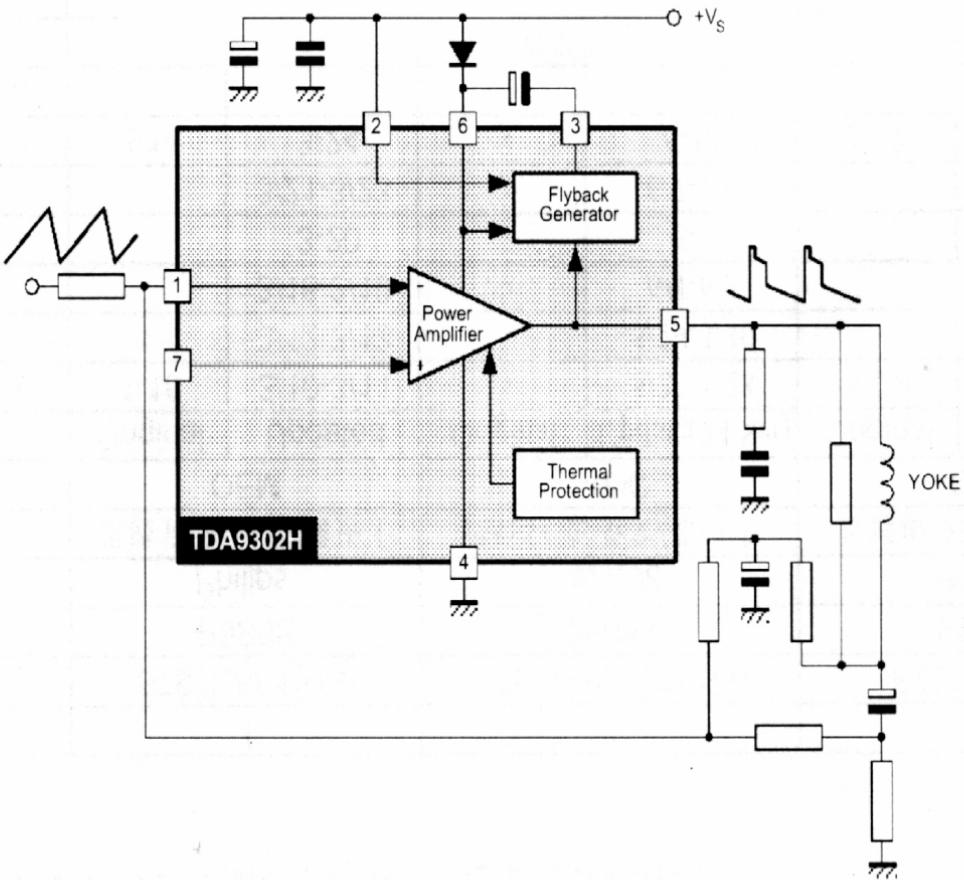


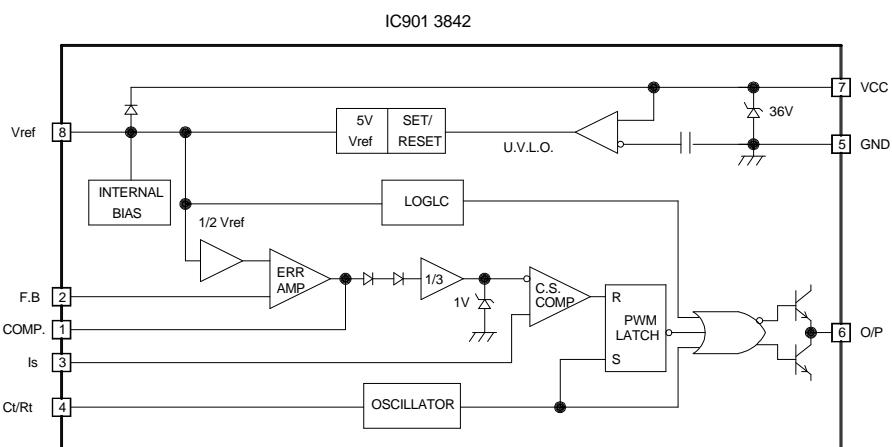
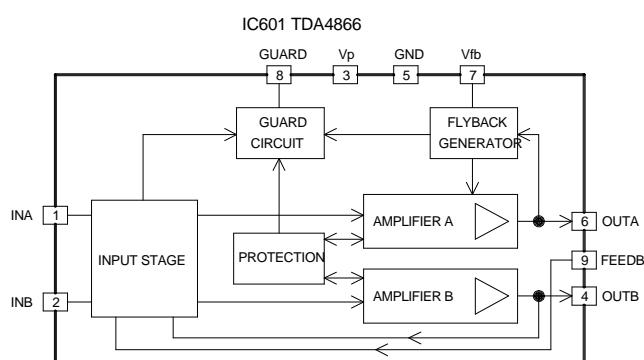
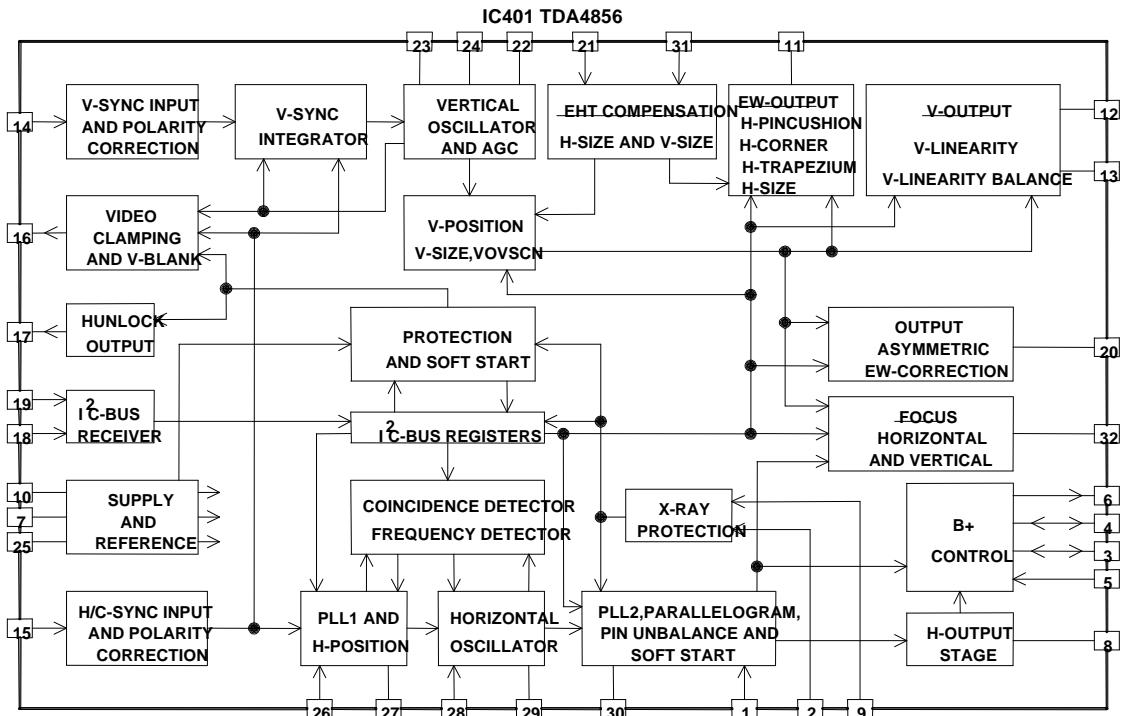
BLOCK DIAGRAM

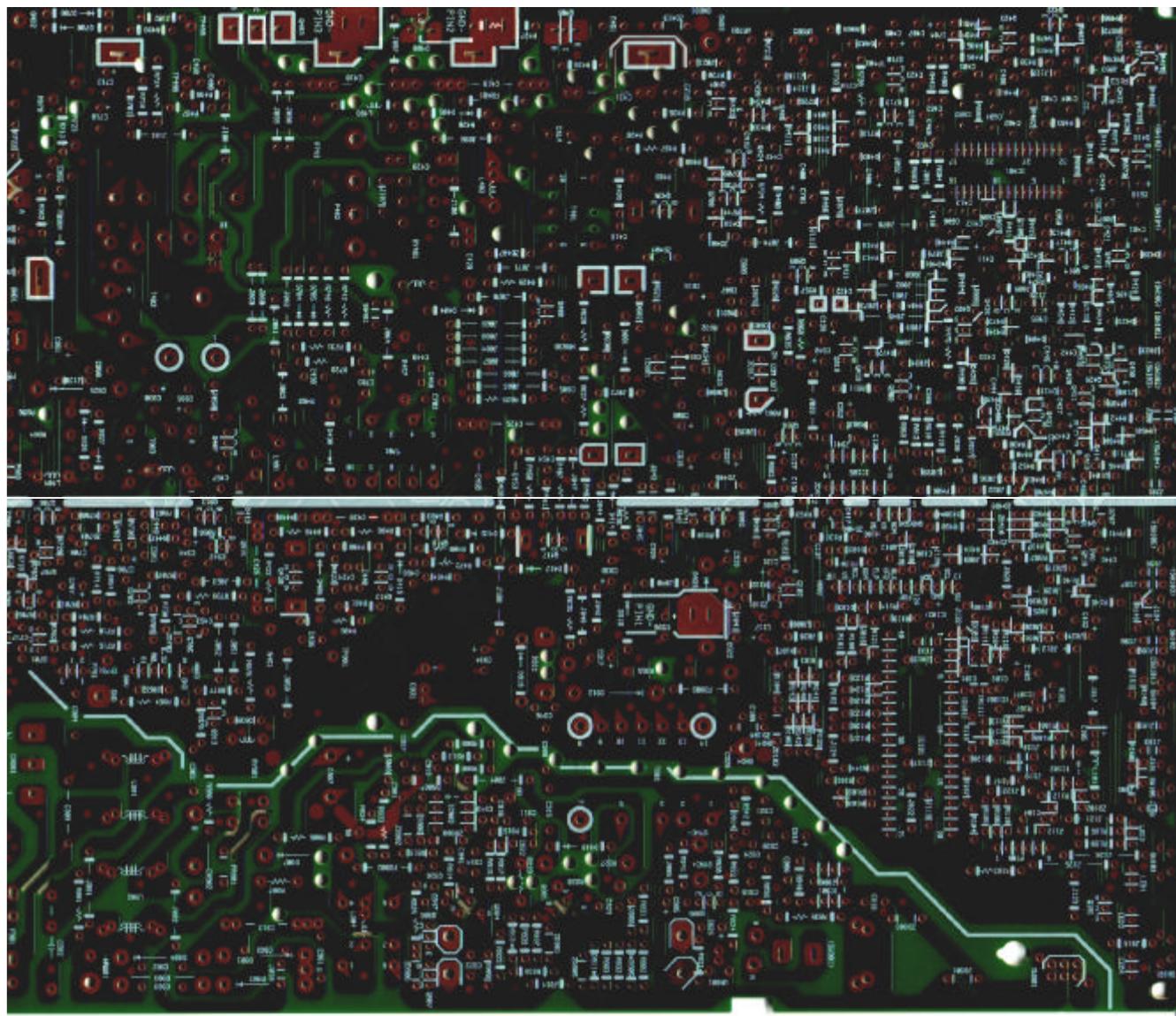
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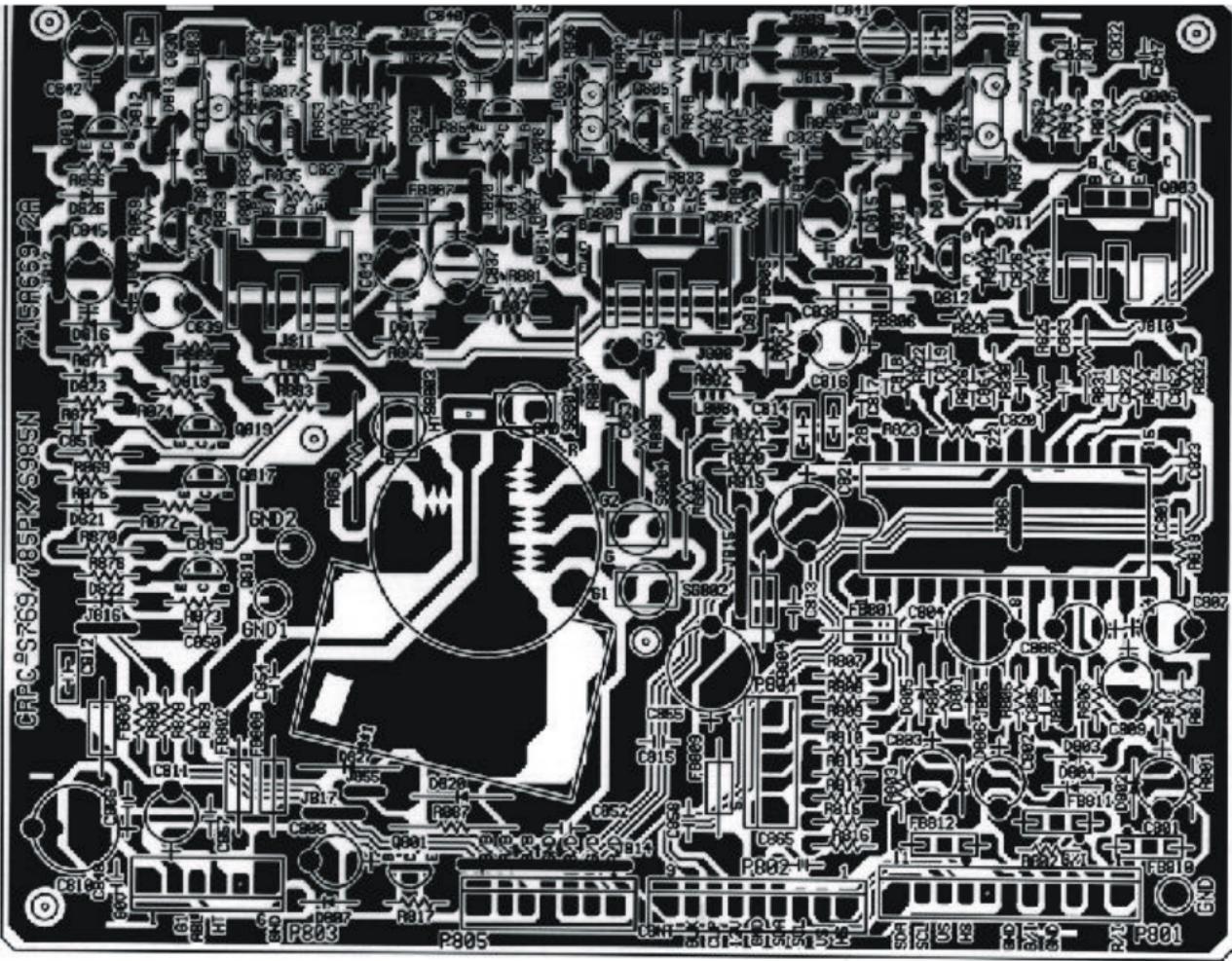


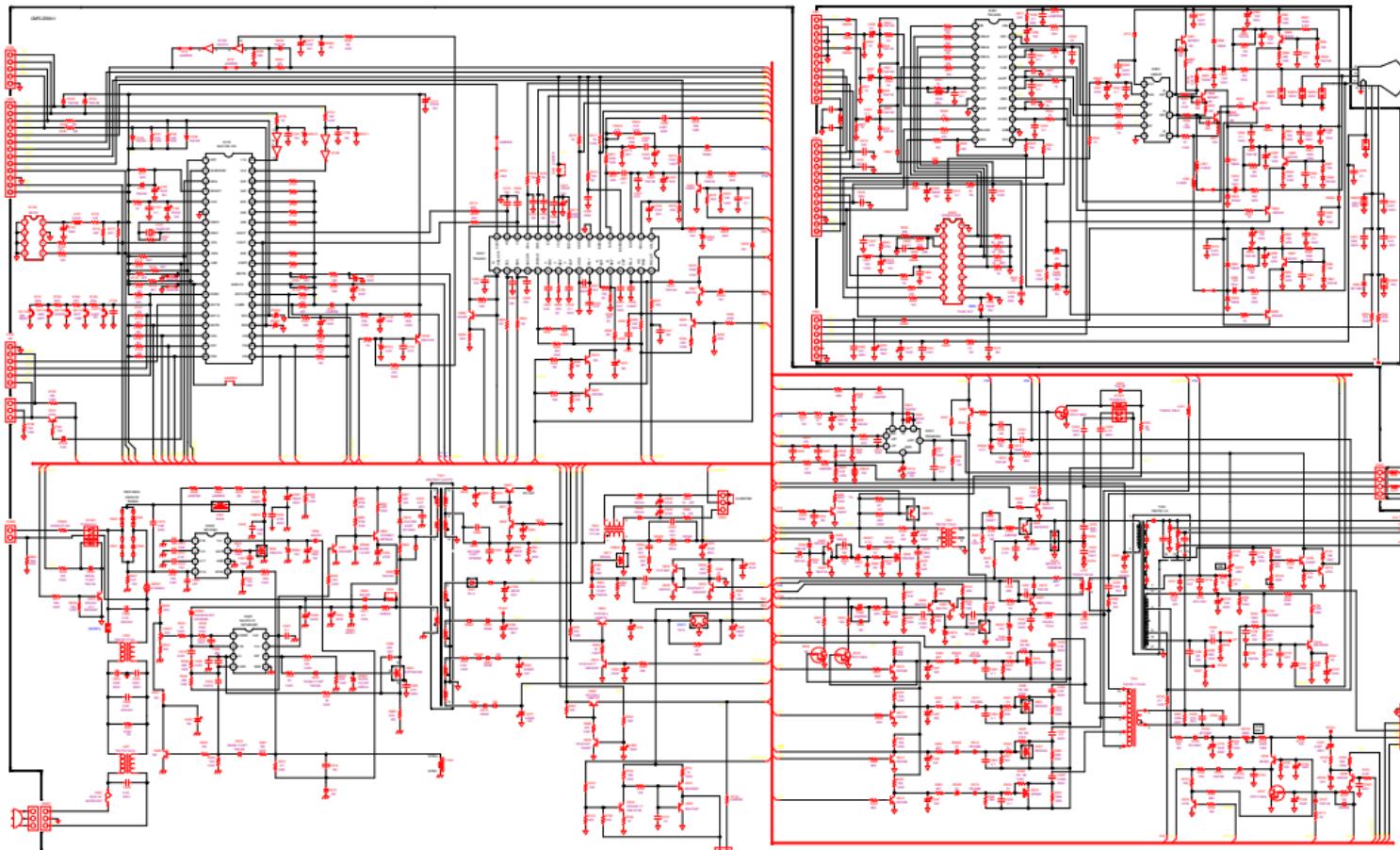
BLOCK DIAGRAM











MODEL	S790V-1(MED)	DRAWN BY	X.M.LI
P/N	S790V-01-A	CHECKER	
DATE	09-04-2001	APPROVED BY	

