

SERVICE MANUAL

COLOR MONITOR

P/N :S791U-3CD-01-A

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(S791U)



TABLE OF CONTENTS

PAGE		
1.	SPECIFICATIONS	3-4
2.	PRECAUTION AND NOTICES	5
2-1	SAFETY PRECAUTIONS	5
2-2	PRODUCT SAFETY NOTICE	5
2-3	SERVICE NOTES	5
2-4	HIGH VOLTAGE WARNING	6
3.	OPERATING INSTRUCTIONS	7
4.	ADJUSTMENT	8
4-1	ADJUSTMENT CONDITIONS AND PRECAUTIONS	8
4-2	MAIN ADJUSTMENTS	8
4-3	ADJUSTMENT METHOD	8-11
5.	CIRCUIT DESCRIPTION	11-14
6.	TROUBLE SHOOTING CHART	15
6-1	NO RASTER, CRT RELATIVE CIRCUIT PROBLEMS	15
6-2	ABNORMAL DISPLAY	17
6-3	NO BLANKING	18
6-4	HOR. /OSC /DEF /HV CIRCUIT FAULT	18
6-5	ABNORMAL HORIZONTAL DEFLECTION	19
6-6	ABNORMAL VERTICAL SCANNING	20
6-7	SIDE-PIN CUSHION DISTORTION	20
6-8	POOR FOCUS	21
6-9	NO SOUND (FOR AUDIO MODEL ONLY).....	21
6-10	POWER SUPPLY TROUBLE SHOOTING CHART	22
7.	MECHANICAL OF CABINET FRONT DIS-ASSEMBLY.....	23
8.	PARTS LISTING	24-45
9.	IC BLOCK DIAGRAMS.....	46-49
10.	PCB LAYOUT	50-51
11.	SCHEMATIC DIAGRAM	52

1. SPECIFICATIONS FOR 7Glr 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, Volume. (For 7GlrA Model)
5. Input Video Signal

	Mode 1	Mode 2	Mode 3	Mode 4
	RGB Analog	RGB Analog	RGB Analog	RGB Analog
Horiz. Sync:	TTL Level Negative	TTL Level Negative	TTL Level Negative	TTL Level Positive
Vert. Sync:	TTL Level Positive	TTL Level Negative	TTL Level Negative	TTL Level Positive
Horizontal:	640 (H)	720 (H)	640 (H)	800 (H)
Vertical :	480 (V)	400 (V)	480(V)	600 (V)
Fh (kHz):	31.47	31.47	43.3	53.67
Fv (Hz) :	60	70	85	85

	Mode 5	Mode 6	Mode 7	Mode 8
	RGB Analog	RGB Analog	RGB Analog	RGB Analog
Horiz. Sync:	TTL Level Positive	TTL Level Positive	TTL Level Positive	TTL Level Positive
Vert. Sync:	TTL Level Positive	TTL Level Positive	TTL Level Positive	TTL Level Positive
Horizontal:	1024 (H)	1280 (H)	1280 (H)	1600 (H)
Vertical :	768 (V)	960 (V)	1024 (V)	1200 (V)
Fh (kHz):	68.6	85.9	91.1	93.8
Fv (Hz) :	85	85	85	75
6. Display Size

Horizontal:	300 mm
Vertical:	230 mm
7. Scanning Frequencies

Horizontal:	30KHz ~ 95KHz
Vertical:	50 Hz ~ 160 Hz
8. Factory Preset Timings: 8
User Timings: 20
9. Misconvergence

Center:	0.3 mm Max.
Corner:	0.4 mm Max.
10. Video Bandwidth: 200 MHz

11. Power Source:
Switching Mode Power Supply
AC 100 ~240V, 50/60Hz Universal Type
12. Operating Temperature: 0. to 40. Ambient
13. Humidity : 10% to 85% Relative, Non-Condensing
14. Weight: 16.0 Kgs(Net), 19.5Kgs(Gross) for 7Glr
- 15 Dimensions Monitor:
Carton: 570(W) × 537(H) × 565(D) mm
Monitor: 410(W) × 411(H) × 430(D) mm for 7Glr
16. External Connection :
15 Pin D-type Connector AC Power Cord
17. Speaker: (for 7KlrA only)
Rate power: 5W (per channel)
Impedance: 8.
18. Regulations: UL, CSA, FDA, FCC, TÜV/GS, CE, MPR-II
TCO'95 TCO'99

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 your likes, 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.

2-4 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

$$25.5KV \pm 0.8KV$$

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.

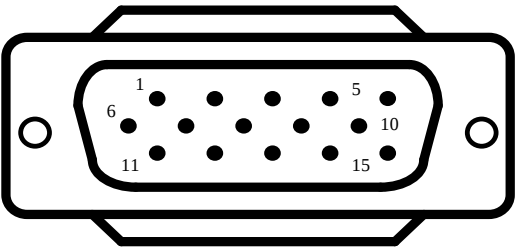
To determine the presence of high voltage, use an accurate, high impedance, HV meter connected between second anode lead and CRT dag grounding device. When servicing the High Voltage System, remove static charge from it by connecting a 1.2M ohm resistor in series with an insulated wire (such as a test 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 7G 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.
6. If your 7G Series color display requires service, it must be returned with the power cord.

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

4-3 ADJUSTMENT METHOD

1. 14.5V, B + & HV voltage adjustment:
 - A. Chroma-2000 Signal generator or PC equivalent set mode 1, VGA 640X480 pattern 1.0 .
 - B. Connect a DC Volt meter between TP901 or D922 cathode and ground, then adjust VR901 to be 14.5VDC.
 - C. Connect a DC Volt meter between TP902 or D925 cathode and ground, then adjust VR902 to be 61.0 VDC.
 - 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 **SHULLTE Key** to switch the functional controls.
 - B. Press the **SHULLTE 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 **SHULLTE Key** to adjust it's value for the optimum picture.

FACTORY PRESET	
H :36.51KHz V :51.34Hz	
HS HP TC	
BC	
9300?k 6500?k	
Tm BI	
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
TC	Top corner		R-BIAS
BC	Bottom corner	9300	COLOR TEMPERATURE
	PINCUSHION	6500	COLOR TEMPERATURE
	TRAPEZOID		DEGAUSS
	PIN-BALANCE		OSD EXIT
	PARALLELOGRAM		RETURN
	ROTATION		Vs Linear
HS	H-SIZE		Vc Linear
HP	H-SIZE Control		

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

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

F. 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)

G. 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.

H  Model select: for factory only, service engineer can't changed.

3. White Balance, Luminance adjustment:

A. Bias (Low Luminance) adjustment:

- (a) Set mode 2 1024×768 Fh: 69KHz 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 $Y = 4 \pm 0.5CD$
- (e) Brightness set to raster just cutoff, adjust contrast to be 4FL, 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 $x = 283 \pm 10$, $y = 297 \pm 10$.

B. Gain (High light) adjustment:

- (a) Set mode 2 1024×768 Fh: 69KHz 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 2 1024×768 Fh: 69KHz full white pattern.
- (b) Image Size : H:300±4mm V:230±4mm.
- (c) Brightness set to raster just cut off and set the contrast to max.
- (d) Adjust VR701 to the luminance at $100 \pm 5CD$.

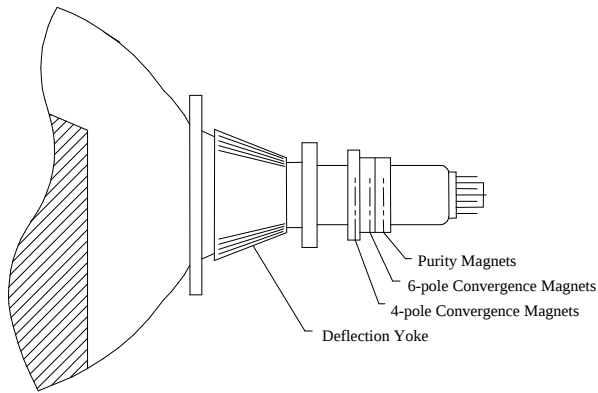
4. Focus Adjustment:

- A. Set mode 2 1024×768 Fh: 69KHz 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, 14 channel 8 bit PWM D/A converters, 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 61HZ 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 IC103 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.

Pin2 is used to control the internal oscillator frequency by DC voltage input from external low pass filter (R833, R830, C817) and filter (R832, C818) is used to regulate the appropriate bias current for internal oscillator the resonate at specific dot frequency.

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

Pin6 is left floating, I2C bus is enabled. Otherwise the SPI bus is enabled.

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.

Pin12 is output a blanking signal to cut off external R.G.B signals of VGA while this chip is displaying characters or windows.

Pin13, Pin14, Pin15 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 (UPC 1888) for this monitor. The concept is fully DC controllable and can be used in applications with a micro-controller solutions.

The UPC 1888 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 the UPC 1888 [ref Page-28].

Horizontal Oscillator

The oscillator is of the relaxation type and requires a capacitor of 390PF C403 at pin 23. The maximum oscillator frequency is determined by a resistor R451 and R443 form pin 28 to ground.

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 Pin24.

X-ray Protection

The X-ray protection input pin19 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:

Pin17 (HDRV) is floating

Pin14 (BDRV) is floating

Pin14 (VOUT 1, 2) are floating

Vertical Oscillator

The vertical free –running frequency is determined by the resistor R608 at pin20 .capacitor C614 at pin20 and capacitor C604 at pin2. Usually the free-running frequency should be lower than the minimum trigger frequency.

5-3 PFC CIRCUIT

Between rectifier and loading, it is connected a DC-DC switch transformer .Through input current I_i wave following AC input sinusoid voltage wave, I_i may approach sine wave, and input THD may less than 5%,power factor may improve more 0.9.IC 902 is controled by power factor correction.Q904 is DC-DC power switch transistor, R916,R195 is used as divider.

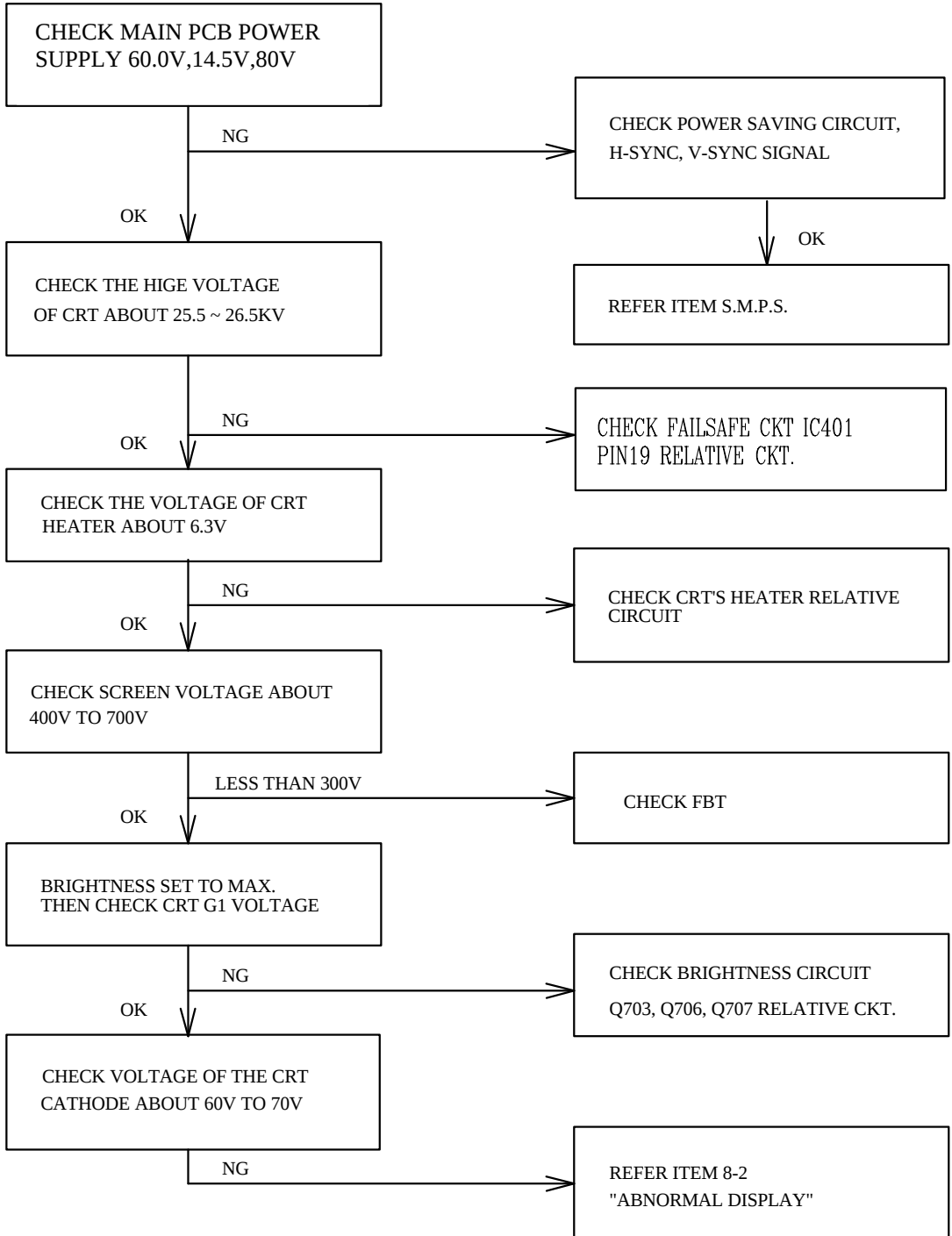
5-4 TRANSISTOR & DIODE CIRCUIT

LOCATION	FUNCTION AL DESCRIPTION
D101	For C102 Discharge
Q101	For LED Indicator Control
D418	Protection Diode for Snubber Clip Diode ZD401
D405	Speed up for Q403
D406, D407	Supply a bias for D408
D408	Damping Diode and Modulation Diode
Q416,Q415	H-SIZE SUB-Control
D414~ D417,D419	Buffer Diode for IC403
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
Q410, Q412, Q417	Horizontal S-Correction Control
ZD601	VF Voltage Divider
D707	Mixing Diode
D703	Buffer Diode
D704	Rectifier for 250V Supply
D705	Protection Diode for Q708

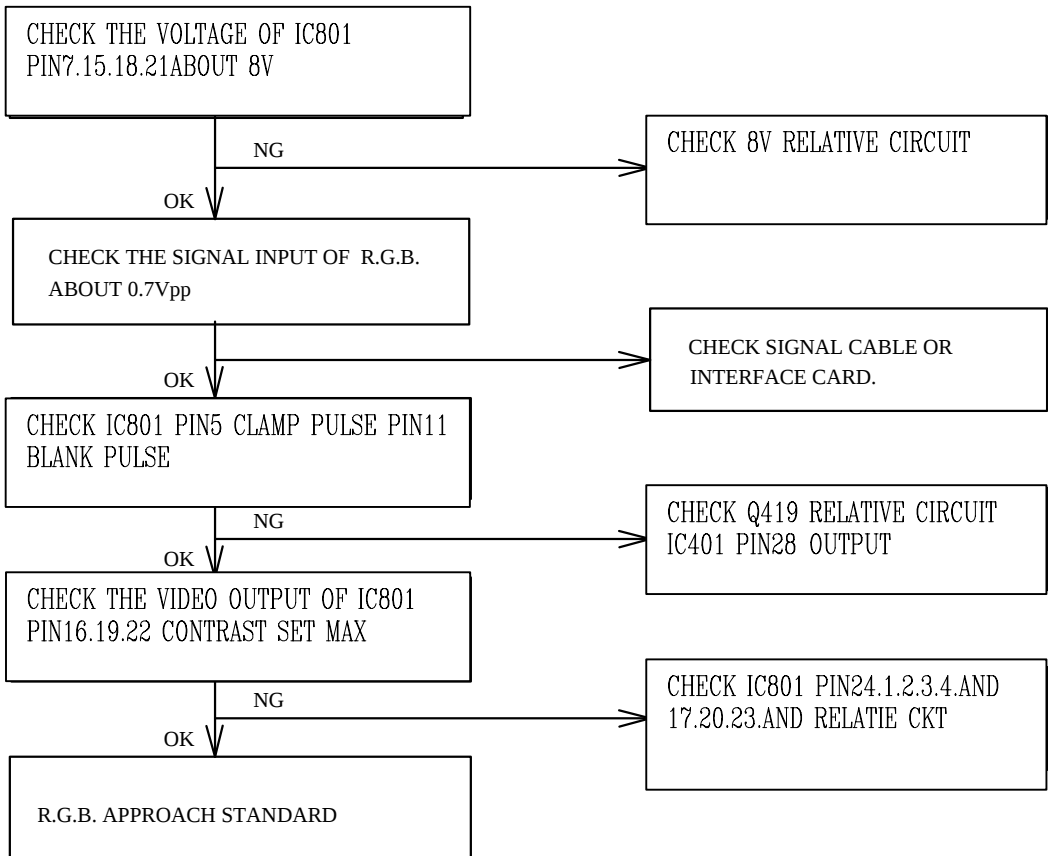
LOCATION	FUNCTION AL DESCRIPTION
D706,D708	Rectifier for -200V Supply
Q707	Picture Mute Control AMP
Q703, Q706	Brightness Control CKT
Q708	Vertical Dynamic Focus Control AMP
D901 ~ D904	Bridge Rectifier for AC Source
D909	Rectifier for Start Power Supply
D910	Clip Diode for Snubber CKT
D911	IC901 VCC Supply
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
D939	Clip Diode for Snuffer Pulse
ZD901,ZD907	Protection Diode
ZD902,ZD905	Protection Diode
ZD903	Protection Diode
Q901	MOS FET for Switching Power Control
Q904, Q906	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
D817 ~ D819	DC Restoration for CRT Bias Adjustment
D850 ~ D855	Protection Diode
Q850 ~ Q855	DC Restoration for CRT Bias Adjustment

6.TROUBLE SHOOTING CHART

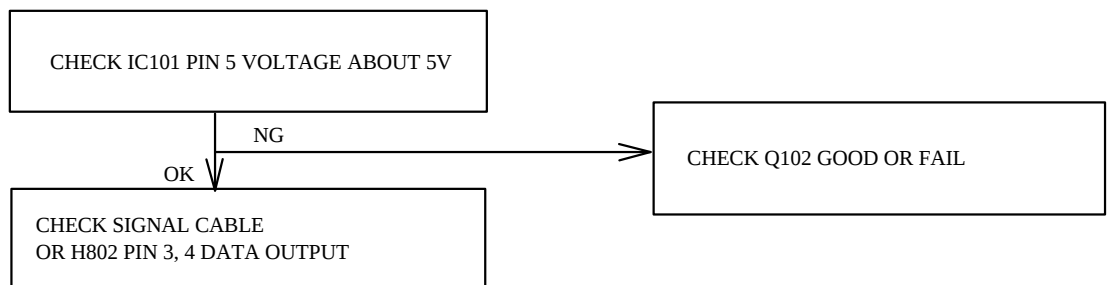
6-1 NO RASTER, CRT RELATIVE CIRCUIT PROBLEMS



2.ABNORMAL VIDEO LEVEL ON SCREEN

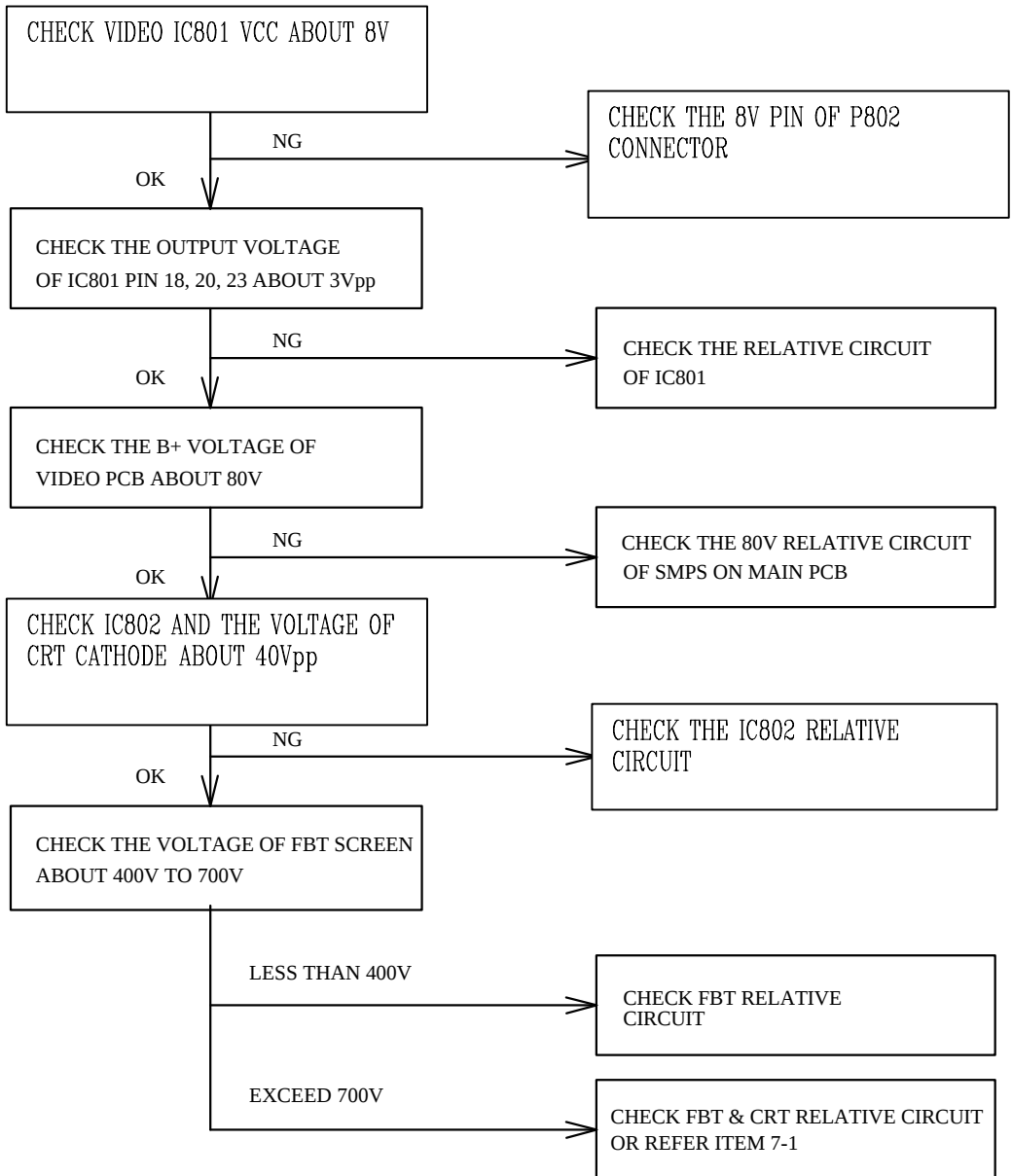


3. ABNORMAL DDC (PLUG & PLAY)

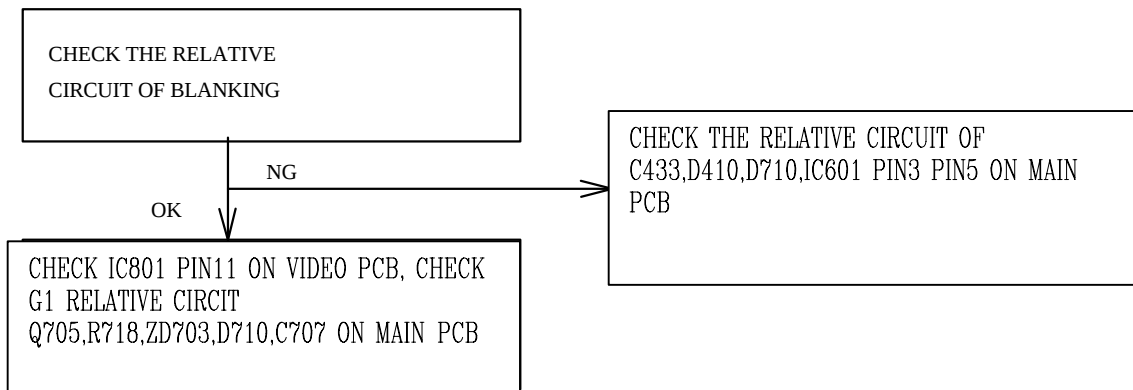


6-2 ABNORMAL DISPLAY

1.NO SIGNAL ON SCREEN

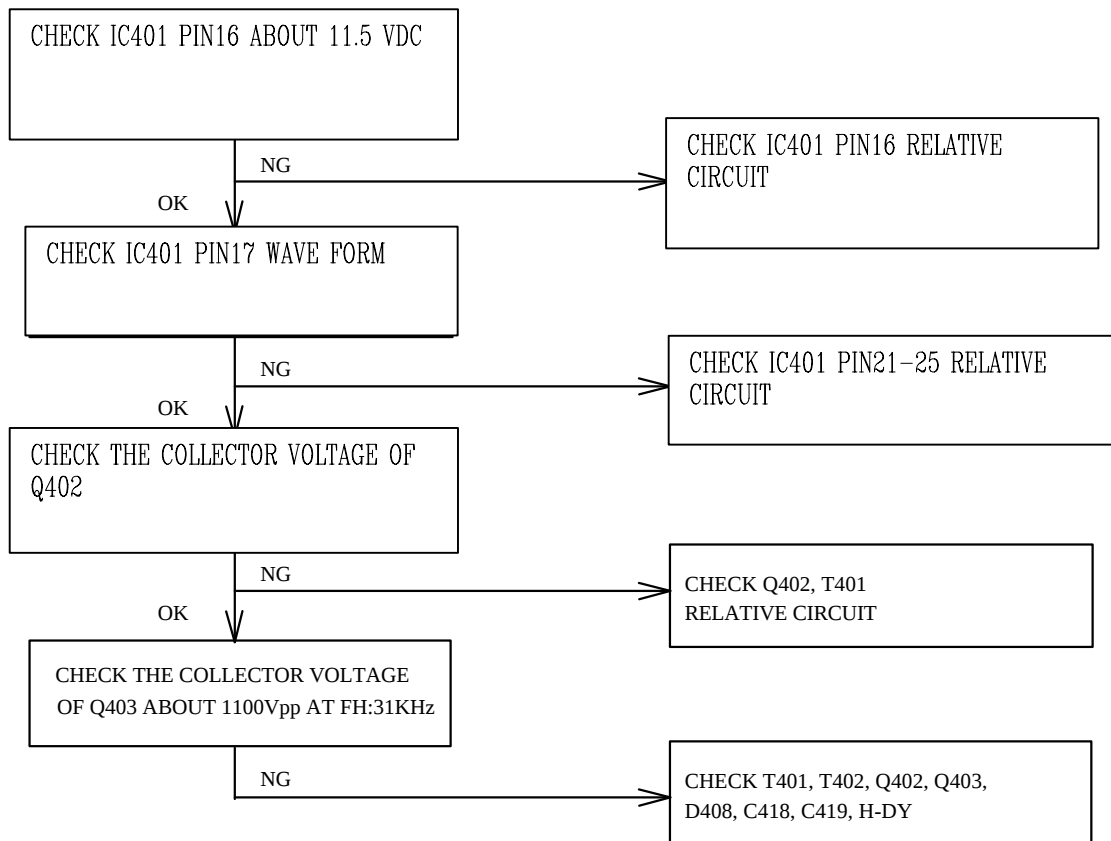


6-3 NO BLANKING



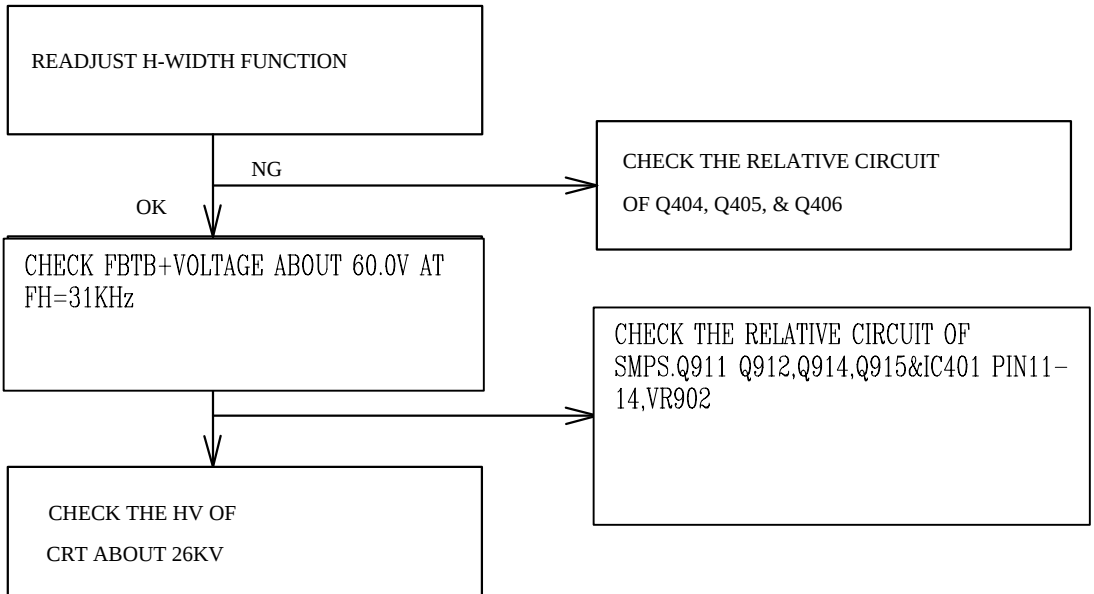
6-4 HOR./OSC/DEF/HV CIRCUIT FAULT

1. NO RASTER (DISCONNECT WITH SIGNAL CABLE)

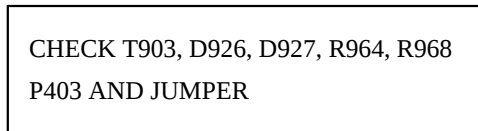


6-5 ABNORMAL HORIZONTAL DEFLECTION

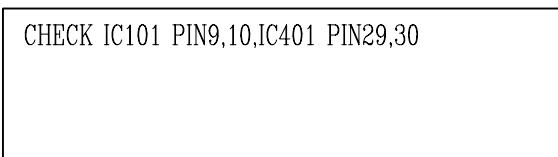
1. ABNORMAL HORIZONTAL WIDTH OF VIDEO



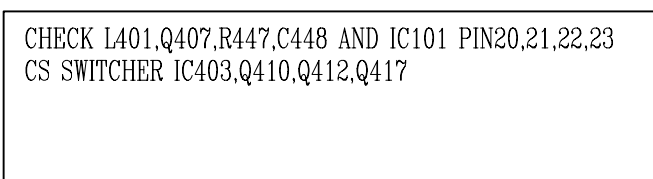
2. ABNORMAL HORIZONTAL RASTER CENTER



3. ABNORMAL HORIZONTAL VIDEO CENTER

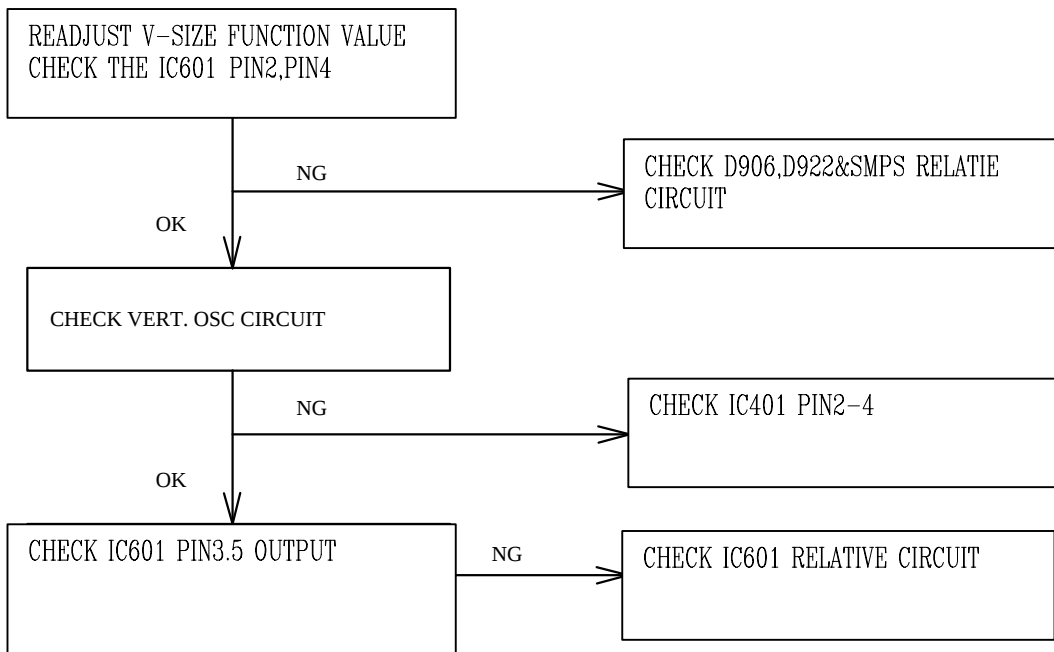


4. ABNORMAL HORIZONTAL LINEARITY

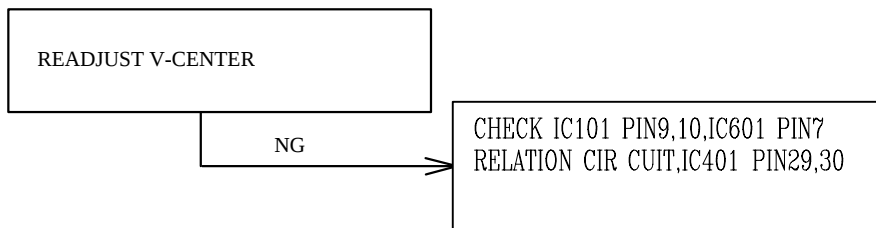


6-6 ABNORMAL VERTICAL SCANNING

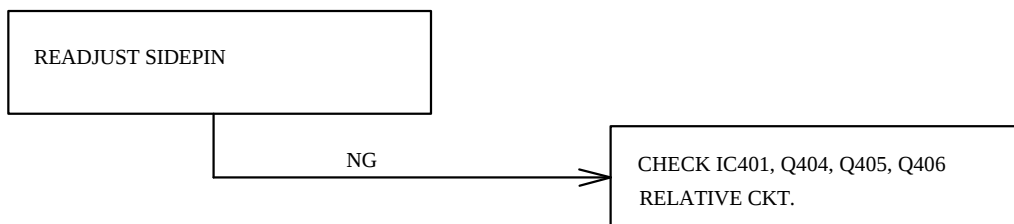
1. ABNORMAL VERTICAL SIZE



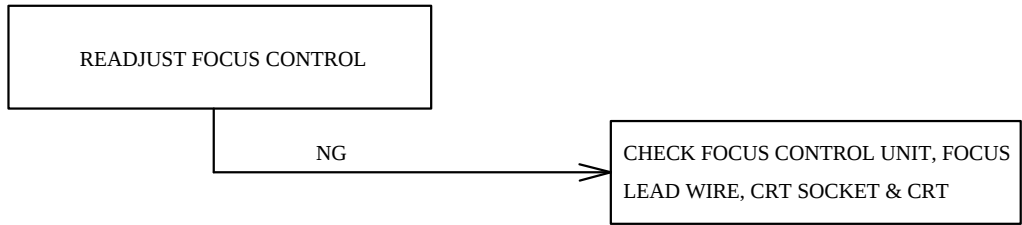
2. VERTICAL CENTER



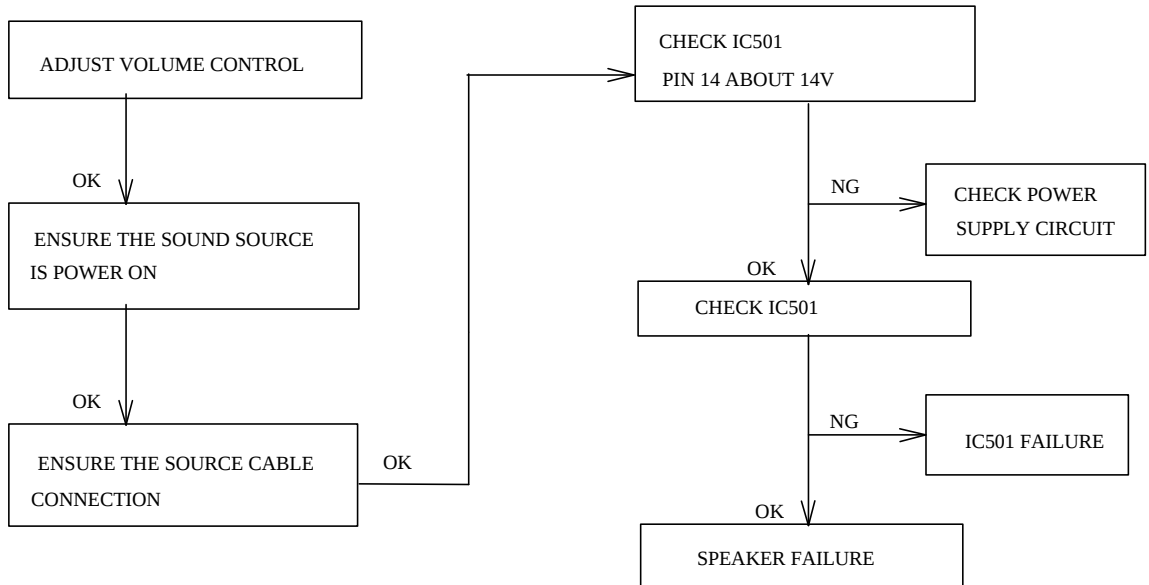
6-7 SIDE-PIN CUSHION DISTORTION



6-8 POOR FOCUS



6-9 NO SOUND (FOR AUDIO MODEL ONLY)



6-10 POWER SUPPLY TROUBLE SHOOTING CHART

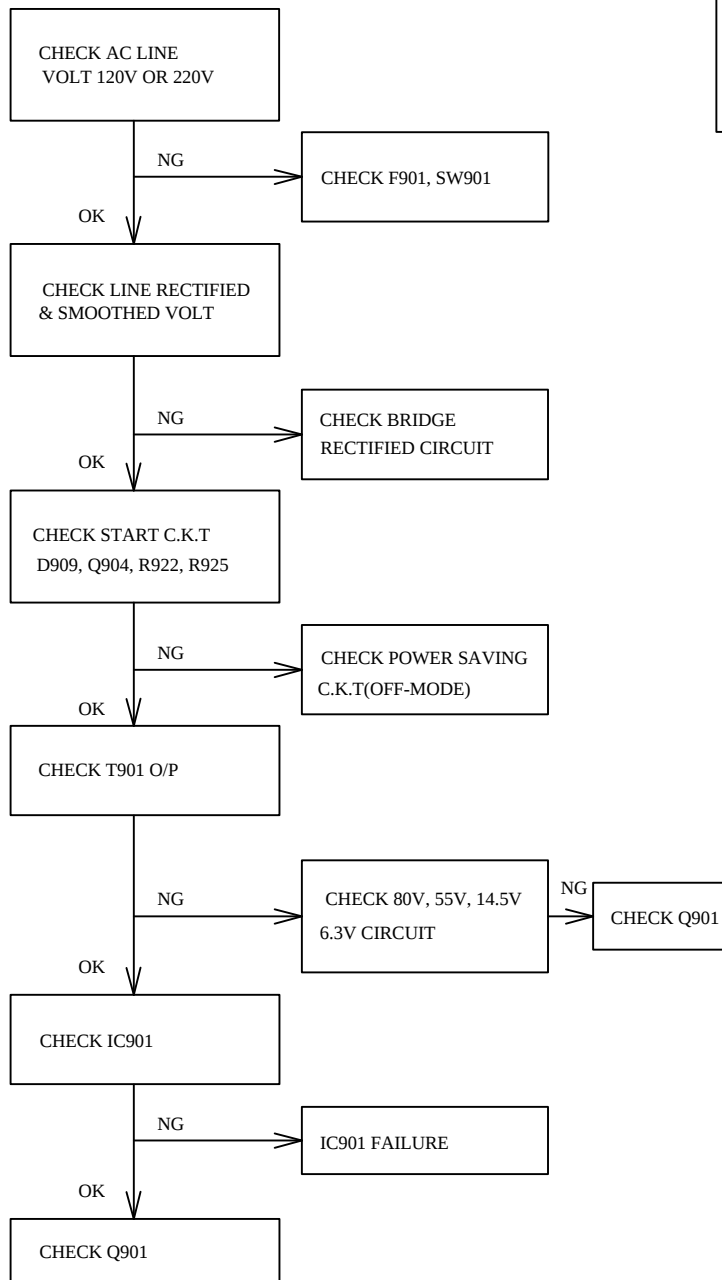
BEFORE CHECK SW.REG. PLEASE REFER TO THE POWER SUPPLY BLOCK DIAGRAM

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

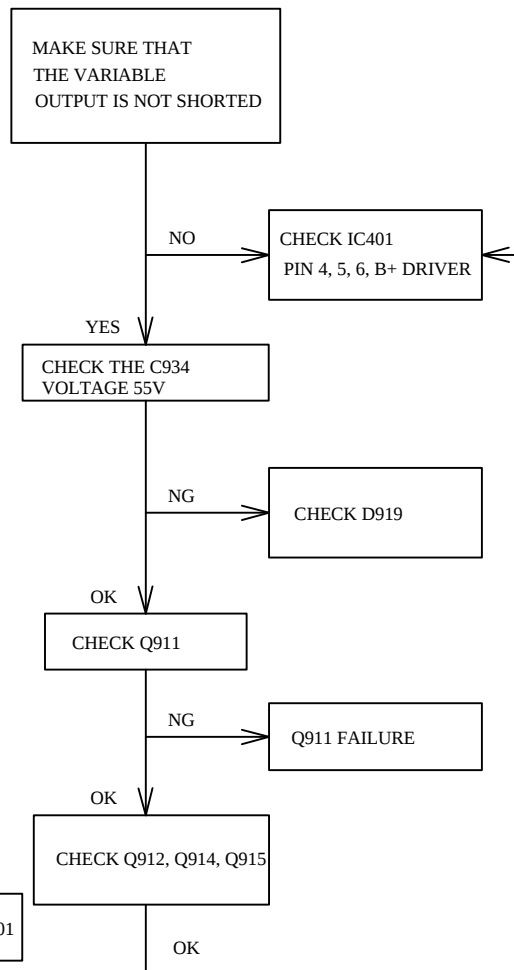
(D) EPENDING UPON H.SYNC FREQUENCY)

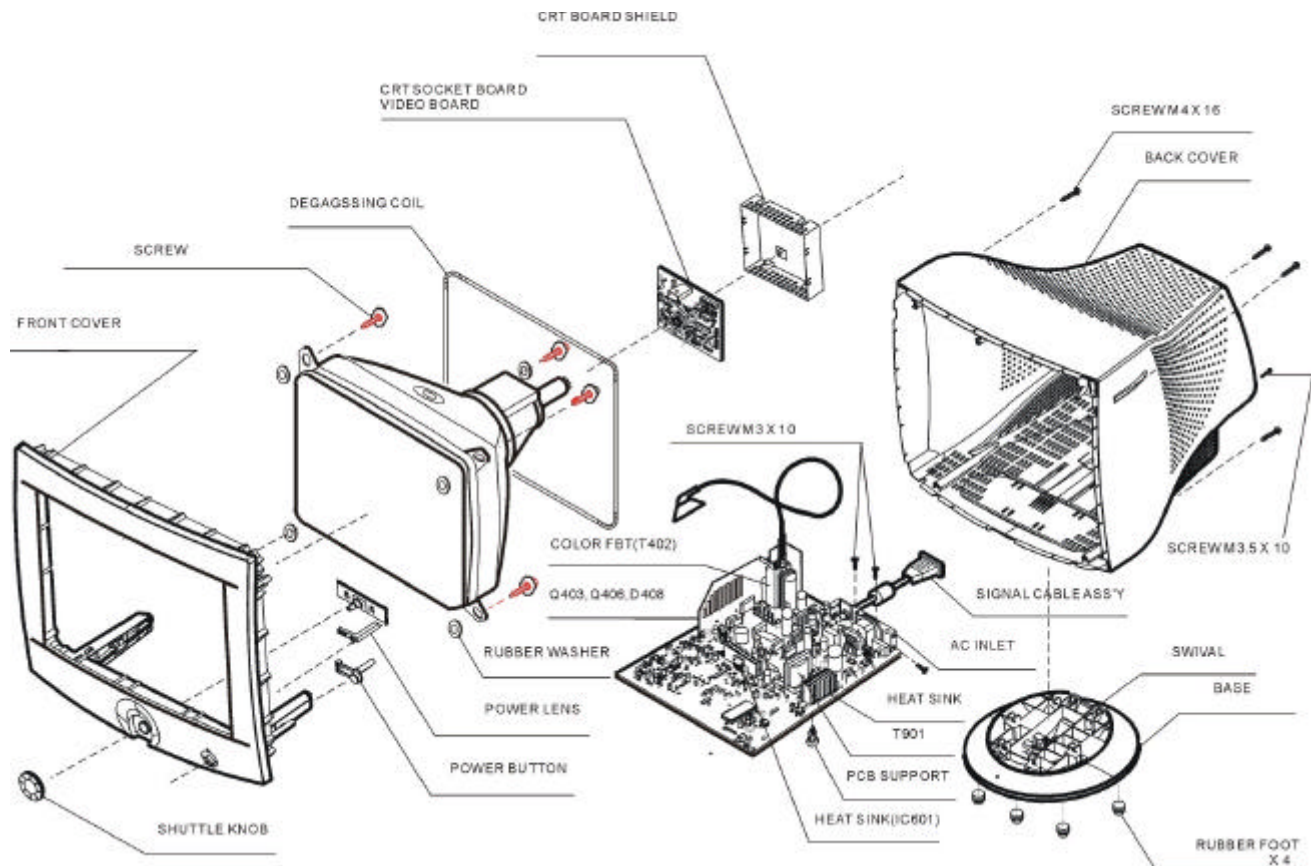
(B) CONSTANT OUTPUT : 6.3V, 14.5V, 24V, 80V

BEAD SET



ABNORMAL VARIABLE OUTPUT





8. PARTS LIST OF CABINET

Location	Specion	
S791U-3CD	17" COLOR MONOTOR	
S791U-3CD	KEPC BOARD	
CKS791U	CHASSIS FOR S791U-3CD	
CMS791UNE	SCREW FOR CRT	
1A 503- 5T- 47	RUBBER WASHER	
5A 38- 8	WIRE MOUNT	
11A 112-500	FBT CLIP	
11A 115- 1	RUBBER FOOT	
12A 385- 1	STEEL	
19A 403- 7	BAR CODE	
26A 800-504- 5	CRT SUPPORT	
33A3663- 1	ENCODEER VR KNOB	
33A4021- Y- A	LENS	
33A4030- 1	OSD KNOB	
33A4031- Y- A	REAR CABINET	
★ 34A 739- Y- 1A	SWIVEL	
34A 740- Y- L	BASE	
34A 741- Y- L	FRONT PANEL	
34A738V- Y- A	REAR CABINET	
34A739Q- Y- 1A	HI-POT GND LABEL FOR MON	
40A 154-501- 1	ID LABEL	
40A2046-615- 1A	WARRANTY STATEMENT	
41A 68-615- 1C	TCO'99 CARD	
41A 68-615- 4B	MANUAL	
41A 705-615- 1A	EPS CUSHION	
44A3222- 1- CD	EPS CUSHION	
44A3222- 2- CD	CARTON	
44A3222-624-1CD	pe bag for manual	
45A 76- 28- RN	PE BAG	
45A 76- 34- RN	BARCODE RIBBON	
45A 77-500	BARCODE RIBBON	
45A 77-501	Monitor PE BAG	
45A 88- 7- RN	CABLE TIE	
50A 500-500	PLASTIC TIE	
50A 502- 2	CABLE TIE	
50A 502- 5	SILICON	
51A 6- 4	MIDDLE TAPE FOR CARTON	
52A 1-185	BIG TAPE	
52A 1-185- 1	SMALL TAPE	
52A 1-186	small tape	
52A 1-187- 2	SPRING PIECE	HEAT SINK TO CRT
52A6016- 4	CRPC SHIELD	
85A 576-501	SHIELD	
★ 85A 577-504- A	POWER CORD Wall-out for	
89A402A-12N- GL	POWER CORD	
89A402A-12N- HY	POWER CORD	
89A402A-12N- YH	POWER CORD	
95A 91-205-687	WIRE HARNESS	
95A8013- 2	WIRE HERNESS	
B1A1035- 10-128	SCREW 3.5X10	
M1A1130- 8-128	SCREW 3.0X8	
Q1A 340- 16-128	SCREW	
Q1A1030- 10-128	SCREW	
★ 750A1697-504- JA	0.35*90Ts Deg.covl	
750A5856-7AV	CPT17".25TCO CRT JLY DY+	
CKS791U	KEPC BOARD	
★ 715A 757- 1	P.C.BRD	
E601 77A 700- 1- F	ENCODER	
E601 77A 700- 1- HM	ENCODER	
H601 95A8013- 5-602	WIRE	

R191	61A 602-822-52T	8.2K OHM +-5% 1/6W	
	CMS791UNE	CHASSIS FOR S791U-3CD	
	71A 55- 2	FERRITE BEAD	cover.D921 positive
	AMS791UNE	MAIN BOARD FOR S791U-3CD	
	CRS791UNE	CRT BOARD FOR S791U-3CD	
	1A 421- 4-128	SCREW FOR	*
	11A 141- 1	PCB SUPPORT	*
	15A5640- 1- A	AL GND LUG	*
	15A5659-503	REAR BRACKET	
	40A 581- 26-702	FAIL-SAFE LABEL	*
	40A 581-624- 2A	CHASSIS LABEL	*
	55A 1- 4	SOLDER BAR	
	71A 55- 2	FERRITE BEAD	* CF419 GND
	71A 55- 2	FERRITE BEAD	* MTG C418 .L402
	71A 55- 2	FERRITE BEAD	* MTG D925
	85A 588- 1	iron sheet	weld the double end of IC401
	89A174A-5DB- BL	SIGNAL CABLE	
	89A174A-5DB- CR	SIGNAL CABLE	
	89A174A-5DB- GL	SIGNAL CABLE	
	89A174A-5DB- GR	SIGNAL CABLE	
	B1A1040- 10-128	SCREW 4*10	*
	D1A1140- 7-128	SCREW 4X7(FOR AC)	*
	M1A1140- 6-128	SCREW	*
	705A791U-C56- 01	IC601 ASS'Y	
	705A791U-C56- 2A	IC903 ASS'Y	
	705A791U-C57- 04	Q417 ASS'Y	
	705A791U-C57- 06	Q412 ASS'Y	
	705A791U-C57- 1A	Q403/Q405/Q911/D408 ASS'	
	705A791U-C57-01A	Q901/Q904 ASS'Y	
	705A791U-C57-03A	Q410 ASS'Y	
	705A791U-C61- 01	NR901 ASS'Y	
	705A791U-C87-01A	AC SOCKET ASS'Y	
	705A791U-C93- 01	D921 ASS'Y	
	750A5856-791-7AU	17" CPT CRT MPRII ASS'Y	
	750A5856-791-7TU	17"CPT CRT TCO ASS'Y S79	
AS1	95A205T- 30-06A	Wire Harness	
C411	67A 309-681- 3	680UF/16V +-20%	
C414	67A 215-470- 9F	47UF +-20% 100V WELLCON	
C414	67A 215-470- 9H	47UF +-20% 100V HERMEI	
C414	67A 215-470- 9L	47UF +-20% 100V LUXON	
C423	67A 305-471- 3	470UF +-20% 16V	
C425	63A210J-204-3CC	.2UF/400V +-5%	
C425	63A210J-204-3CM	.2UF/400V+-5%	
C428	63A210J-122-7CC	MPP 1.2nF/1.6KV. +-5%	
C428	63A210J-122-7CM	1.2NF/1600V	
C430	65A 1K-271- 6A	270P	
C431	64A100J-225- 59	2.2UF/100V MEF	*
C607	67A 305-221- 6	220UF +-20% 35V	*
C608	67A 305-102- 4	1000UF +-20% 25V	*
C612	67A 305-102- 3	1000 UF +-20% 16V	*
C703	67A 305-109- 15	1UF +-20% 450V	*
C713	67A 305-100- 12	10UF +-20% 250V	*
C719	64A178J-824- 1A	.82UF 100V	
★	C900	65A305M-472- 2B	4700PF +-20% 400VAC/250V *
	C900	65A305M-472-2B2	4700PF +-20% 400VAC PY17 *
	C900	65A305M-472-2BH	Y2 0.0047UF 400VAC +-20%
		S791U-3CD	17" COLOR MONOTOR
★	C900	65A305M-472-2EM	4700PF +-20% 250VAC/400V
	C901	67A 309-471- 3	470UF +-20% 16V
	C902	63A108K-334- CS	X1.0.33uF 300VAC +-10%
★	C903	65A305M-332- 2B	3300PF +-20% 400VAC/250V *
	C903	65A305M-332-2B2	3300PF 250VAC/400VAC *

☆	C903	65A305M-332-2BH	Y2 .safty capacipane	
	C903	65A305M-332-2EM	3300PF +-20% 250VAC/400	
	C904	65A305M-332- 2B	3300PF +-20% 400VAC/250V	
	C904	65A305M-332-2B2	3300PF 250VAC/400VAC	
	C904	65A305M-332-2BH	Y2 .safty capacipane	
	C904	65A305M-332-2EM	3300PF +-20% 250VAC/400	
	C907	67A 30-151-15D	150UF +-20% 450V HEC	
	C907	67A 30-151-15L	150uf +-20% 450V LUXON	
	C909	67A 305-102- 3	1000 UF +-20% 16V	
	C913	63A213J-684-4FC	.68UF/630V	
	C915	65A 2M-103- 3B	0.01UF 2KV 20% Z5U	
	C931	67A 305-101-10J	100UF +-20% 160V JAMICON	
	C931	67A 305-101-10L	100UF +-20% 160V LUXON	
	C934	67A 215-391-GFF	390UF +-20% 80V WELLCON	
	C934	67A 215-391-GFH	390UF +-20% 80V HERMEI	
	C934	67A 215-391-GFK	390UF +-20% 80V ELITE	
	C934	67A 215-391-GFL	390UF +-20% 80V LUXON	
	C936	67A 305-102- 6	1000UF +-20% 35V	
	C937	67A 305-102- 3	1000 UF +-20% 16V	
	C939	67A 305-102- 3	1000 UF +-20% 16V	
	C951	67A 215-470-11H	47UF +-20% 200V HERMEI	
	C951	67A 215-470-11J	47UF +-20% 200V JAMICON	
	C951	67A 215-470-11L	47UF +-20% 200V LUXON	
	C999	63A 107-334-10S	XZ 0.33UF 275VAC PITCH=1	
	C999	63A108K-334- CS	X1.0.33uF 300VAC +-10%	
	CN902	33A3074- 1	2P PLUG	
	D901	93A 52-55P-52T	1N5408 PEC	
	D901	93A 52-55W-52T	RECTIFIER DIODE 1N5408/G	
	D902	93A 52-55P-52T	1N5408 PEC	
	D902	93A 52-55W-52T	RECTIFIER DIODE 1N5408/G	
	D903	93A 52-55P-52T	1N5408 PEC	
	D903	93A 52-55W-52T	RECTIFIER DIODE 1N5408/G	
	D904	93A 52-55P-52T	1N5408 PEC	
	D904	93A 52-55W-52T	RECTIFIER DIODE 1N5408/G	
	D907	93A3060-501-52T	31GF6	
	D922	93A3020- 2-52T	BYW98-200	
	D922	93A3020- 8	RG-4Z-LF-L1	
	D923	93A3020- 13-52T	EGP30D	
	D925	93A3040- 6W-52T	SF36	
	DF907	71A 55- 2 A	FERRITE BEAD	cove.DF907double end
	DF923	71A 55- 2- A	FERRITE BEAD	FOR D923 positive
	F901	84A 33- 10	FUSE CLIP	
★	F901	84A 41- 4	FUSE 4A 250V LF-215 004	
	FB902	71A 55- 19- T	BEAD	
	FB905	71A 55- 19- T	BEAD	
	FBTF	71A 100- 8- H	core	
	FBTF	71A 100- 8- S	FERRITE CORE	
	GND3	9A 203- 8	BRASS PIN	
	GND4	9A 203- 8	BRASS PIN	
	H802	95A8013- 12-603	WIRE HARNESS	
	H803	95A8013- 6-602	WIRE HARNESS	
	IC101	56A1125- 10- I	NT68P61A	
	IC102	56A1133- 13 A	24LC08 B/P EEPROM MICROC	
	IC102	56A1133-508	M24C08-BN6	
	IC401	56A 552- 4	UPC1888CCT	
	IC403	56A 212- 2	QUAD.OP.LM324N 14P IC/S.	
	IC403	56A 212-501	HA17324/HITACHI	
	IC901	56A 379- 9	8P IC KA3842A/FAIRCHILD	
	IC901	56A 379- 12 A	8PIN IC UC3842AM/LIN	
	IC901	56A 379- 14 A	UC3842B	
	IC902	56A 538- 5	MC33260P	
	J144	95A 90- 23	TIN COATED	

	L401	73A 147-121- T	LINEARITY COIL
	L402	73A 253-123- H	CHOKE COIL
	L402	73A 253-123- S	CHOKE COIL
	L402	73A 253-123- T	SIZE
	L404	73A 253-122- H	CHOKE COIL
	L404	73A 253-122- S	CHOKE COIL
	L404	73A 253-122- T	PSC1013H-472KR20
★	L901	73A 174- 16- H	LINE FILTER 25 MH
	L901	73A 174- 16- L	Line filter 25 MH
	L901	73A 174- 16- S	LINE FILTER 25 MH
	L902	73A 174- 2- GA	25MH FILTER
	L902	73A 174- 2- HA	LINE FILTER
	L902	73A 174- 2- LA	25mH LINE FILTER
	L902	73A 174- 2- SA	25MH FILTER
	L904	73A 253-121- H	125MH ..
	L904	73A 253-121- S	125MH ..
★	L904	73A 253-121- T	125MH
	LED1	81A 10- 6- BH	LED/HOLDER ASSEMGLT
	LED1	81A 10- 6- GP	LED
	MGND1	95A 205- 30-082 A	UL1015#18 BLK. TINCOATED
	NR402	61A 58-101- UT	NTCR 100 OHM +-15%
	NR402	61A 58-101- WT	NTCR 100 OHM +-15%
	P402	33A3192- 4	4P PLUG
	P601	33A3278- 5D	PLUG
	P903	33A8009- 3	3 PIN PLUG
	PR901	61A 52- 27- 4G	9 OHM PTCR
	PR901	61A 52- 27- 4W	9 OHM PTCR
	Q425	57A 728- 1 A	2SB772 Q/NEC
	Q425	57A 728- 3	HSB772P/HSB772E HI-SINCE
	Q908	57A 728- 1 A	2SB772 Q/NEC
	Q908	57A 728- 3	HSB772P/HSB772E HI-SINCE
	Q908	57A2015- 1	KSB772Y/FAIRCHILD
	Q909	57A 728- 1 A	2SB772 Q/NEC
	Q909	57A 728- 3	HSB772P/HSB772E HI-SINCE
	Q909	57A2015- 1	KSB772Y/FAIRCHILD
	R426	61A155M-220- 61	22 OHM 5W
	R427	61A 208-220- 64	22 OHM 5% 1W
	R428	61A155M-109- 61	1 OHM +-5% 5W
	R429	61A152M-820- 64	82 OHM 5% 2W
	R456	61A153M-181- 59	180 OHM +-5% 3W
	R469	61A 208-220- 64	22 OHM 5% 1W
	R473	61A 208-820- 64	1W 82 OHM
	R616	61A152M-229- 64	2W 2.2 OHM +-5%
	R620	61A 208-229- 64	2.2 OHM 5% 1W
	R723	61A152M-121- 64	120 OHM 5% 2W
	R743	61A152M-101- 64	100 OHM 5% 2W
	R907	61A 20K-478-GE1	0.47 5W
	R927	61A153M-393- 59	39K OHM +-5% 3W
	R929	61A 20K-338-GB1	0.33 OHM 10% 2W
	R955	61A 301-188- 64	0.18 OHM 1/2W
	R964	61A152M-100- 64	10 OHM 5% 2W
	R968	61A152M-100- 64	10 OHM 5% 2W
	R979	61A153M-271- 59	270 OHM 5% 3W
	RA101	61A 124-472-10K	net resistor
	RA102	61A 124-472- 8	8 PIN .. 4.7K OHM +-5%
	RA103	61A 124-472- 8	8 PIN .. 4.7K OHM +-5%
★	RY401	77A 260- 5- 1	RELAY DC12V G5PA-2 BY OM
	RY401	77A 260- 5- 3	RELAY
	RY401	77A 260- 5- 4	RELAY
	RY401	77A 260- 5- 2W	RELAY OSA-SS-212DM5
	RY901	77A 260- 5- 1	RELAY DC12V G5PA-2 BY OM
★	RY901	77A 260- 5- 3	RELAY

	RY901	77A 260- 5- 4	RELAY	
	SG401	62A 10- 16- J	SPARK GAP 1KV +500-100V	
	SG401	62A 10- 16- W	SPARK GAP 1KV+500-100V C	
	SS1	95A205T- 30-06A	Wire Harness	Signal Screw to Case
	SW101	77A 602- 1- CJ	TACT SWITCH TSVB-2	
	SW101	77A 602- 1- HJ	TACT SW TSVB-3B	
	SW101	77A 602- 1- HM	K66T-1B-2.0-BL-6.3	
	T401	79A 167-110- H	DRIVER TRANSFORMER	
	T401	79A 167-110- L	Drive Transformer	
	T401	79A 167-110- S	DRIVER TRANSFORMER	
★	T402	79A 790- 1- A	FBT	
	T701	79A 167-112- HA	Driver Transformer ..	
	T701	79A 167-112- LA	DRIVER TRANSFORMER	
★	T901	80A 769- 2-LA2	TRANSFORMER	
	T901	80A 769- 2-TA2	TRANSFORMER	
	T903	79A 167-111- GA	DRIVER TRANSFORMER	
	T903	79A 167-111- HA	Driver Transformer ..	
	T903	79A 167-111- LA	DRIVER TRANSFORMER	
	T903	79A 167-111- SA	Driver Transformer	
	TP701	9A 211- 2	PIN 1.2X15MM	
	TP702	9A 211- 2	PIN 1.2X15MM	
	TP901	9A 211- 2	PIN 1.2X15MM	
	VR701	75A 335-223	CFVR 22K OHM +-20%	
	VR702	75A 335-204	CFVR 200K OHM +-20%	
	VR703	75A 334-223	CFVR 22K OHM +-20%	
⚠	VR901	75A 334-101	CFVR 100 OHM +-20%	
	VR902	75A 334-303	CFVR 30K OHM +-20%	
	X101	93A 22- 22- H	CRYSTAL HC-49/U8.000 MHZ	
	X101	93A 22- 22- PT	HC-49U 8MHz Crystal	
		AMS791UNE	MAIN BOARD FOR S791U-	
		6A 31- 4	BRASS	
		6A 31-501	BRASS	Q901*4PCS,Q403PIN5
		95A 90- 23	TIN COATED	
		715A 802- 2- 4	MAIN BOARD	
	C101	65A 450-104- 7T	0.1UF +80-20% 50V Y5V	
	C102	67A 309-330- 3T	33UF +-20% 16V	
	C103	67A 305-221- 3T	220UF +-20% 16V	
	C104	61A 172-105-52T	1MEG OHM 5% 1/4W	
	C105	67A 309-100- 7T	10UF +-20% 50V	
	C111	67A 309-100- 7T	10UF +-20% 50V	
	C117	67A 309-221- 3T	220UF +-20% 16V	
	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	64A176J-103- 1T	0.01UF 5% 100V	
	C131	64A700J-103-0AT	0.01UF 50V +-5%	
	C137	65A 442-101-13T	100PF +-5% NPO 50V	
	C138	65A 442-101-13T	100PF +-5% NPO 50V	
	C401	67A 309-109- 7T	1.0UF +-20% 50V	
	C402	64A176J-102- 1T	.001UF +-5% 100V	
	C402	64A700J-102-0AT	PEN 0.001UF/50V +-5%	
	C403	64A 45G-391-1AT	390PF 100V +-2%	
	C404	67A 309-109- 7T	1.0UF +-20% 50V	
	C406	64A176J-333- 1T	.033UF +-5% 100V	
	C406	64A700J-333-0AT	0.033UF 63V +-5%	
	C408	67A 305-108-12T	0.1UF +-20% 250V	
	C409	67A 309-479- 7T	4.7UF +-20% 50V	
	C410	65A 442-101-13T	100PF +-5% NPO 50V	
	C412	65A 444-101- 5T	100 PF 10% 50V Y5P	
	C413	67A 309-109- 7T	1.0UF +-20% 50V	
	C415	64A176J-332- 1T	0.0033UF 5% 100V	
	C415	64A700J-332-0AT	3.3nF/50V +-5%	

C416	67A 309-100- 7T	10UF +-20% 50V
C417	64A176J-154- 0T	0.15UF +-5% 63V/50V
C417	64A701J-154-0AT	0.15UF 50V +-5%
C420	64A176J-223- 1T	0.022UF 5% 100V
C420	64A178J-223- 1T	CL21X 0.022UF 100V +-5%
C421	64A176J-102- 0T	.001UF +-5% 50/63V
C421	64A176J-102- 1T	.001UF +-5% 100V
C421	64A178J-102- 1T	CL21X 1000PF 100V +-5%
C422	64A176J-104- 1T	0.1UF 5% 100V
C422	64A178J-104- 1T	C121X 0.1UF 100V +-5%
C424	67A 309-100- 7T	10UF +-20% 50V
C432	65A517K-472- 1T	4700P/500V
C433	64A176J-224- 0T	.22UF +-5% 63V
C433	64A701J-224-0AT	0.22uF/50V +-5%
C434	67A 309-100- 7T	10UF +-20% 50V
C435	65A 444-102- 5T	1000 PF 10% 50V Y5P
C436	67A 305-339- 7T	3.3UF +-20% 50V
C437	67A 309-109- 7T	1.0UF +-20% 50V
C440	64A176J-474- 0T	.47UF +-5% 50/63V
C440	64A178J-474- 0T	CL21X. 0.47UF 50V +-5%
C440	64A701J-474-0AT	0.47UF 50V +-5%
C441	67A 309-109- 7T	1.0UF +-20% 50V
C442	67A 309-100- 7T	10UF +-20% 50V
C444	65A 442-221-13T	220PF +-5% NPO 50V
C445	65A 444-103-13T	10000PF +-10% Z5P 50V
C446	65A 442-680-13T	68PF +-5% NPO 50V
C448	65A 444-681- 1T	680P/50V
C451	65A 444-101- 5T	100 PF 10% 50V Y5P
C452	67A 309-330- 3T	33UF +-20% 16V
C454	64A176J-104- 0T	0.1UF 5% 63V
C454	64A178J-104- 0T	CL21X0.1UF 50V +-5%
C454	64A700J-104-0AT	0.1uF/50V +-5%
C455	67A 309-109- 7T	1.0UF +-20% 50V
C457	65A 444-471-13T	470PF +-10% Z5P 50V
C459	67A 309-479- 7T	4.7UF +-20% 50V
C460	67A 309-109- 7T	1.0UF +-20% 50V
C461	67A 309-479- 3T	4.7UF +-20% 16V
C462	65A 442-101-13T	100PF +-5% NPO 50V
C463	65A 442-101-13T	100PF +-5% NPO 50V
C464	65A 442-101-13T	100PF +-5% NPO 50V
C467	67A 309-479- 7T	4.7UF +-20% 50V
C481	67A 305-101- 4T	100UF +-20% 25V
C602	65A 444-222- 5T	2200PF 10% Y5P 50V
C603	67A 309-330- 3T	33UF +-20% 16V
 C604	64A 45G-333-0AT	0.033UF 50% 63V
C604	64A 46J-333-0AT	0.033UF 50V
C605	65A 444-471-13T	470PF +-10% Z5P 50V
C606	65A 444-101- 5T	100 PF 10% 50V Y5P
C609	65A 444-103- 5T	0.01 UF 10% 50V Y5P
C610	67A 309-109- 7T	1.0UF +-20% 50V
C611	64A176J-224- 1T	0.22UF +-5% 100V
C611	64A178J-224- 1T	C121X 0.22UF 100V +-5%
C611	64A701J-224-1AT	.22UF/100V
C613	65A 444-103- 5T	0.01 UF 10% 50V Y5P
C614	67A 309-109- 7T	1.0UF +-20% 50V
C615	64A176J-474- 0T	.47UF +-5% 50/63V
C615	64A178J-474- 0T	CL21X. 0.47UF 50V +-5%
C615	64A701J-474-0AT	0.47UF 50V +-5%
C616	67A 305-229- 7T	2.2UF +-20% 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

C707	67A 305-108-12T	0.1UF +-20% 250V
C708	67A 309-100- 7T	10UF +-20% 50V
C710	67A 215-478- 7T	0.47UF +-20% 50V
C711	65A 444-472- 5T	4700 PF 10% 50V Y5P
C714	64A176J-103- 1T	0.01UF 5% 100V
C714	64A178J-103- 1T	CL21X 0.01UF 100V +-5%
C716	67A 305-109- 7T	1UF +-20% 50V
C717	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C720	65A 444-102-13T	1000PF +-10% Y5P 50V
C721	65A 442-680-13T	68PF +-5% NPO 50V
C730	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C905	67A 305-229- 7T	2.2UF +-20% 50V
C906	65A 444-681- 1T	680P/50V
C910	65A 442-221-13T	220PF +-5% NPO 50V
C911	64A176J-224- 0T	.22UF +-5% 63V
C911	64A701J-224-0AT	0.22uF/50V +-5%
C912	65A 444-102- 5T	1000 PF 10% 50V Y5P
C916	67A 305-101- 4T	100UF +-20% 25V
C917	65A 1K-101- 2T	100PF 1KV Z5P
C918	64A176J-332- 1T	0.0033UF 5% 100V
C918	64A700J-332-0AT	3.3nF/50V +-5%
C919	64A176J-102- 1T	.001UF +-5% 100V
C919	64A700J-102-0AT	PEN 0.001UF/50V +-5%
C920	65A 444-102- 5T	1000 PF 10% 50V Y5P
C921	64A176J-104- 0T	0.1UF 5% 63V
C921	64A700J-104-0AT	0.1uF/50V +-5%
C922	65A517M-103- 3T	10NF/500V Z5U +-20%
C923	65A 1K-470- 1T	47P 1KV
C924	64A176J-332- 1T	0.0033UF 5% 100V
C924	64A700J-332-0AT	3.3nF/50V +-5%
C926	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C927	65A 442-470- 9T	47pF/50V SL
C930	67A 305-470- 7T	47UF +-20% 50V
C933	65A 442-181-13T	180PF +-5% NPO 50V
C935	67A 305-470- 7T	47UF +-20% 50V
C940	67A 309-220- 7T	22UF +-20% 50V
C941	64A176J-104- 0T	0.1UF 5% 63V
C941	64A700J-104-0AT	0.1uF/50V +-5%
C942	65A 442-470- 9T	47pF/50V SL
C943	65A 1K-221- 2T	220PF/1KV Z5P+-10%
C944	67A 309-100- 7T	10UF +-20% 50V
C945	65A 1K-221- 5T	220PF/1KV Y5P+-10%
C947	67A 305-470- 7T	47UF +-20% 50V
C948	65A 1K-221- 2T	220PF/1KV Z5P+-10%
C952	67A 305-100- 7T	10UF +-20% 50V
C955	65A517K-471- 2T	470PF 500V +-10%
C957	64A176J-333- 1T	.033UF +-5% 100V
C957	64A700J-333-0AT	0.033UF 63V +-5%
C958	64A700J-102-0AT	PEN 0.001UF/50V +-5%
C959	64A176J-334- 0T	0.33UF 5% 50V/63V
C960	65A 1K-101- 2T	100PF 1KV Z5P
D101	93A 64- 11-52T	DIODE 1N4148
D102	61A 172-109-52T	1 OHM 5% 1/4W
D103	93A 64- 11-52T	DIODE 1N4148
D104	93A 64- 11-52T	DIODE 1N4148
D401	93A 64- 11-52T	DIODE 1N4148
D402	93A 64-19G-52T	BAV21/G.I
D402	93A 64-501-52T	SWITCHING DIODE BAV21
D403	93A 64- 11-52T	DIODE 1N4148
D405	93A1002- 1F-52T	1N5817/..
D405	93A1002- 1P-52T	1N5817
D405	93A1002- 1W-52T	1N5817

D406	93A1060- 6-52T	F R D BYV26C
D406	93A1060- 6Z-52T	TBYV26C
D406	93A1060-501-52T	FRD BYV26C/TFK
D407	93A 64- 11-52T	DIODE 1N4148
D409	93A 64- 11-52T	DIODE 1N4148
D410	93A 64-19G-52T	BAV21/G.I
D410	93A 64-501-52T	SWITCHING DIODE BAV21
D411	93A 64- 11-52T	DIODE 1N4148
D413	93A 64- 11-52T	DIODE 1N4148
D414	93A 60-21P-52T	PS156R
D414	93A 60-21T-52T	FR155
D414	93A 60-21W-52T	FR155/WILLAS
D414	93A 60-21Z-52T	TFR155
D415	93A 60-21P-52T	PS156R
D415	93A 60-21T-52T	FR155
D415	93A 60-21W-52T	FR155/WILLAS
D415	93A 60-21Z-52T	TFR155
D416	93A 60-21P-52T	PS156R
D416	93A 60-21T-52T	FR155
D416	93A 60-21W-52T	FR155/WILLAS
D416	93A 60-21Z-52T	TFR155
D417	93A1002- 1F-52T	1N5817/..
D417	93A1002- 1P-52T	1N5817
D417	93A1002- 1W-52T	1N5817
D418	93A 64- 11-52T	DIODE 1N4148
D420	93A 64-31G-52T	BAV20
D420	93A 64-31T-52T	BAV20
D422	93A 60-21P-52T	PS156R
D422	93A 60-21W-52T	FR155/WILLAS
D430	93A 64- 11-52T	DIODE 1N4148
D601	93A 52-47P-52T	1N4004
D601	93A 52-47T-52T	1N4004
D602	93A 64- 11-52T	DIODE 1N4148
D703	93A 64- 11-52T	DIODE 1N4148
D704	93A1060- 6-52T	F R D BYV26C
D704	93A1060- 6Z-52T	TBYV26C
D704	93A1060-501-52T	FRD BYV26C/TFK
D705	93A 60-21P-52T	PS156R
D705	93A 60-21T-52T	FR155
D705	93A 60-21W-52T	FR155/WILLAS
D705	93A 60-21Z-52T	TFR155
D706	93A1060- 6-52T	F R D BYV26C
D706	93A1060- 6Z-52T	TBYV26C
D706	93A1060-501-52T	FRD BYV26C/TFK
D707	93A 64- 11-52T	DIODE 1N4148
D708	93A1060- 6-52T	F R D BYV26C
D708	93A1060- 6Z-52T	TBYV26C
D708	93A1060-501-52T	FRD BYV26C/TFK
D710	93A 64- 11-52T	DIODE 1N4148
D905	93A1060- 6-52T	F R D BYV26C
D905	93A1060- 6Z-52T	TBYV26C
D906	93A1040- 2-52T	F.R.D UF4004/GIT
D906	93A1040-501-52T	GUF10G
D909	93A 52-12T-52T	RECTIFIER DIODE 1N4007
D910	93A1060- 6-52T	F R D BYV26C
D910	93A1060- 6Z-52T	TBYV26C
D911	93A 64-31G-52T	BAV20
D911	93A 64-31T-52T	BAV20
D913	93A 64- 11-52T	DIODE 1N4148
D914	93A 64- 11-52T	DIODE 1N4148
D916	93A 64-31G-52T	BAV20
D916	93A 64-31T-52T	BAV20

D919	93A1060- 6-52T	F R D BYV26C
D919	93A1060- 6Z-52T	TBYV26C
D924	93A 64- 11-52T	DIODE 1N4148
D926	93A 60-38P-52T	PS102R
D926	93A 60-38T-52T	FR103
D927	93A 60-38P-52T	PS102R
D927	93A 60-38T-52T	FR103
D928	93A 64- 11-52T	DIODE 1N4148
D939	93A 64- 11-52T	DIODE 1N4148
FB401	95A 90- 23	TIN COATED
FB903	71A 55- 9- T C	SHIELD BEAD
FB904	71A 55- 19- T	BEAD
J001	95A 90- 23	TIN COATED
J002	95A 90- 23	TIN COATED
J003	95A 90- 23	TIN COATED
J004	95A 90- 23	TIN COATED
J005	95A 90- 23	TIN COATED
J006	95A 90- 23	TIN COATED
J008	95A 90- 23	TIN COATED
J009	95A 90- 23	TIN COATED
J010	95A 90- 23	TIN COATED
J011	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
J017	61A 172-102-52T	1K OHM 5% 1/4W
J018	95A 90- 23	TIN COATED
J019	95A 90- 23	TIN COATED
J020	95A 90- 23	TIN COATED
J021	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
J033	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
J047	95A 90- 23	TIN COATED
J048	95A 90- 23	TIN COATED
J049	95A 90- 23	TIN COATED
J050	95A 90- 23	TIN COATED
J052	95A 90- 23	TIN COATED
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
J084	61A 602-222-52T	2.2K OHM +-5% 1/6W
J085	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
J101	95A 90- 23	TIN COATED
J102	95A 90- 23	TIN COATED
J103	95A 90- 23	TIN COATED
J104	95A 90- 23	TIN COATED
J105	95A 90- 23	TIN COATED
J106	95A 90- 23	TIN COATED
J107	95A 90- 23	TIN COATED
J108	95A 90- 23	TIN COATED
J109	95A 90- 23	TIN COATED
J110	95A 90- 23	TIN COATED
J111	95A 90- 23	TIN COATED
J112	95A 90- 23	TIN COATED
J114	95A 90- 23	TIN COATED
J115	95A 90- 23	TIN COATED
J116	95A 90- 23	TIN COATED
J124	95A 90- 23	TIN COATED
J125	95A 90- 23	TIN COATED
J126	95A 90- 23	TIN COATED
J127	95A 90- 23	TIN COATED
J128	61A 602-101-52T	100 OHM 5% 1/6W

J129	95A 90- 23	TIN COATED
J130	61A 602-100-52T	10 OHM +-5% 1/6W
J132	95A 90- 23	TIN COATED
J133	95A 90- 23	TIN COATED
J135	95A 90- 23	TIN COATED
J137	95A 90- 23	TIN COATED
J138	95A 90- 23	TIN COATED
J139	95A 90- 23	TIN COATED
J140	95A 90- 23	TIN COATED
J142	95A 90- 23	TIN COATED
J143	95A 90- 23	TIN COATED
J146	95A 90- 23	TIN COATED
J147	95A 90- 23	TIN COATED
J148	95A 90- 23	TIN COATED
J149	95A 90- 23	TIN COATED
J151	95A 90- 23	TIN COATED
J152	95A 90- 23	TIN COATED
J154	95A 90- 23	TIN COATED
J155	95A 90- 23	TIN COATED
J157	95A 90- 23	TIN COATED
J158	95A 90- 23	TIN COATED
J159	95A 90- 23	TIN COATED
J160	95A 90- 23	TIN COATED
J170	95A 90- 23	TIN COATED
J171	95A 90- 23	TIN COATED
J172	95A 90- 23	TIN COATED
J174	95A 90- 23	TIN COATED
J175	95A 90- 23	TIN COATED
J176	95A 90- 23	TIN COATED
J179	95A 90- 23	TIN COATED
J180	95A 90- 23	TIN COATED
J181	95A 90- 23	TIN COATED
JIC1	95A 90- 23	TIN COATED
JIC2	95A 90- 23	TIN COATED
JIC3	95A 90- 23	TIN COATED
L101	73A 54-339-10T	3.3UH+-10% RF COATED CHO
L403	95A 90- 23	TIN COATED
L405	73A 54-101-10T	100UH +-10%
NR403	95A 90- 23	TIN COATED
Q101	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q101	57A 420- PP- T	2PA733P PHILIPS PNP TRAN
Q101	57A 420- SG- T	KSA733C-G TA FAIRCHILD
Q102	57A 446- 2- T	2SC2120 "O"
Q102	57A 446- 3- T	TOSHIBA 2SC2120-Y
Q401	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q401	57A 419- PP- T	2PC945P/PHILIPS
Q401	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q402	57A 521- 1- T	2SD667AC
Q402	57A 521- C- T	2SD667C
Q404	57A 619- 1- T	2SA673AC/HITACHI
Q404	57A 727- 2- T	2SA673C
Q406	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q406	57A 420- PP- T	2PA733P PHILIPS PNP TRAN
Q406	57A 420- SG- T	KSA733C-G TA FAIRCHILD
Q407	57A 446- 1- T	TRAN.2SC1213AC/HITACHI
Q407	57A 446-500- T	3DG 1213C
Q408	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q408	57A 420- PP- T	2PA733P PHILIPS PNP TRAN
Q408	57A 420- SG- T	KSA733C-G TA FAIRCHILD
Q409	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q409	57A 420- PP- T	2PA733P PHILIPS PNP TRAN
Q409	57A 420- SG- T	KSA733C-G TA FAIRCHILD

Q411	57A 446- 1- T	TRAN.2SC1213AC/HITACHI
Q413	57A 619- 1- T	2SA673AC/HITACHI
Q413	57A 727- 2 A	2SA673C
Q414	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q414	57A 419- PP- T	2PC945P/PHILIPS
Q414	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q416	57A 721- 1- T	DTC114ES ROHM
Q416	57A 721- 2- T	AA1A4M
Q419	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q419	57A 419- PP- T	2PC945P/PHILIPS
Q419	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q420	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q420	57A 420- PP- T	2PA733P PHILIPS PNP TRAN
Q420	57A 420- SG- T	KSA733C-G TA FAIRCHILD
Q422	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q422	57A 420- PP- T	2PA733P PHILIPS PNP TRAN
Q422	57A 420- SG- T	KSA733C-G TA FAIRCHILD
Q423	57A 721- 1- T	DTC114ES ROHM
Q423	57A 721- 2- T	AA1A4M
Q424	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q424	57A 419- PP- T	2PC945P/PHILIPS
Q424	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q427	57A 721- 1- T	DTC114ES ROHM
Q427	57A 721- 2- T	AA1A4M
Q701	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q701	57A 419- PP- T	2PC945P/PHILIPS
Q701	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q702	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q702	57A 420- PP- T	2PA733P PHILIPS PNP TRAN
Q702	57A 420- SG- T	KSA733C-G TA FAIRCHILD
Q703	57A 420- P- T	TRAN 2SA733P/NEC TAPING
Q703	57A 420- PP- T	2PA733P PHILIPS PNP TRAN
Q703	57A 420- SG- T	KSA733C-G TA FAIRCHILD
Q704	57A 446- 1- T	TRAN.2SC1213AC/HITACHI
Q704	57A 446-500- T	3DG 1213C
Q705	57A 419- Y- T	TR.2SC1815Y TOSHIBA
Q705	57A 419-502- T	3DG1815Y
Q706	57A 498- 1- T	TRAN BF423 TAPING PHILIP
Q706	57A 498- 3- T	HBF 423
Q706	57A 498- 4- T	BF423 TAPPING BY TOSHIBA
Q707	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q707	57A 419- PP- T	2PC945P/PHILIPS
Q707	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q708	57A 493- 12- T	BF420
Q708	57A 708- 1- T	2SC4002E
Q709	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q709	57A 419- PP- T	2PC945P/PHILIPS
Q709	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q906	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q906	57A 419- PP- T	2PC945P/PHILIPS
Q907	57A 594- 1- T	MPSA44 MOTOROLA
Q907	57A 594-504- T	KSP44TA
Q910	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q910	57A 419- PP- T	2PC945P/PHILIPS
Q910	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q912	57A 446- 1- T	TRAN.2SC1213AC/HITACHI
Q912	57A 446-500- T	3DG 1213C
Q913	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q913	57A 419- PP- T	2PC945P/PHILIPS
Q913	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q914	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q914	57A 419- PP- T	2PC945P/PHILIPS

Q914	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q915	57A 619- 1- T	2SA673AC/HITACHI
Q915	57A 727- 2- T	2SA673C
Q916	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q916	57A 419- PP- T	2PC945P/PHILIPS
Q916	57A 419- SG- T	KSC945C-G TA FAIRCHILD
R105	61A 602-472-52T	4.7K OHM 5% 1/6W
R106	61A 602-472-52T	4.7K OHM 5% 1/6W
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
R117	61A 602-472-52T	4.7K OHM 5% 1/6W
R118	61A 602-222-52T	2.2K OHM +-5% 1/6W
R119	61A 602-222-52T	2.2K OHM +-5% 1/6W
R120	61A 602-101-52T	100 OHM 5% 1/6W
R121	61A 602-101-52T	100 OHM 5% 1/6W
R122	61A 602-103-52T	10K OHM 5% 1/6W
R123	95A 90- 23	TIN COATED
R124	95A 90- 23	TIN COATED
R125	61A 602-100-52T	10 OHM +-5% 1/6W
R126	61A 602-100-52T	10 OHM +-5% 1/6W
R130	61A 602-102-52T	1K OHM 5% 1/6W
R131	61A 602-101-52T	100 OHM 5% 1/6W
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
R143	61A 602-103-52T	10K OHM 5% 1/6W
R162	61A 172-181-52T	180 OHM +-5% 1/4W
R167	61A 602-105-52T	1M OHM 5% 1/6W
R186	61A 602-103-52T	10K OHM 5% 1/6W
R189	61A 172-151-52T	150 OHM 5% 1/4W
R401	61A 602-182-52T	1.8K OHM 5% 1/6W
R402	61A 602-563-52T	56K OHM +-5% 1/6W
R403	61A 602-223-52T	22K OHM 5% 1/6W
R404	61A 602-474-52T	470K OHM 5% 1/6W
R405	61A 602-623-52T	62K OHM 5% 1/6W
R406	61A 602-102-52T	1K OHM 5% 1/6W
R407	61A 602-752-52T	7.5K OHM +-5% 1/6W
R408	61A 602-333-52T	33K OHM 5% 1/6W
R409	61A 172-223-52T	22K OHM 5% 1/4W
R410	61A 602-102-52T	1K OHM 5% 1/6W
R411	61A 172-105-52T	1MEG OHM 5% 1/4W
R412	61A 602-393-52T	39K OHM +-5% 1/6W
R413	61A 210-223-52T	22K OHM 1% 1/6W
R414	61A 602-102-52T	1K OHM 5% 1/6W
R415	61A 602-223-52T	22K OHM 5% 1/6W
R416	61A 602-272-52T	2.7K OHM 5% 1/6W
R417	61A 602-223-52T	22K OHM 5% 1/6W
R418	61A 602-563-52T	56K OHM +-5% 1/6W
R419	61A 602-394-52T	390KOHM 5% 1/6W
R420	61A 172-103-52T	10K OHM 5% 1/4W
R421	61A 602-221-52T	220 OHM +-5% 1/6W
R422	61A 602-101-52T	100 OHM 5% 1/6W
R423	61A 172-102-52T	1K OHM 5% 1/4W
R424	61A 602-100-52T	10 OHM +-5% 1/6W
R425	61A 172-331-52T	330 OHM 5% 1/4W
R430	61A 602-103-52T	10K OHM 5% 1/6W
R431	61A 602-682-52T	6.8K OHM 5% 1/6W

R433	61A 602-222-52T	2.2K OHM +-5% 1/6W
R434	61A 602-303-52T	30K OHM 5% 1/6W
R435	61A 210-822-52T	8.2K OHM 1% 1/6W
R436	61A214Y-184-52T	180K 1/4W
R437	61A 602-333-52T	33K OHM 5% 1/6W
R438	61A 602-103-52T	10K OHM 5% 1/6W
R440	61A 172-154-52T	150K OHM 5% 1/4W
R441	61A 602-563-52T	56K OHM +-5% 1/6W
R442	61A 602-472-52T	4.7K OHM 5% 1/6W
R443	61A 210-132-52T	1.3K OHM 1% 1/6W
R444	61A 602-222-52T	2.2K OHM +-5% 1/6W
R445	61A 602-103-52T	10K OHM 5% 1/6W
R446	61A 172-154-52T	150K OHM 5% 1/4W
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 602-474-52T	470K OHM 5% 1/6W
R451	61A 210-101-52T	100 OHM +-1% 1/6W
R452	61A 602-203-52T	20K OHM 5% 1/6W
R453	61A 602-222-52T	2.2K OHM +-5% 1/6W
R454	95A 90- 23	TIN COATED
R457	61A175L-274-52T	270K OHM +-5% 1/2W
R459	61A 602-102-52T	1K OHM 5% 1/6W
R460	61A 172-154-52T	150K OHM 5% 1/4W
R461	61A 602-563-52T	56K OHM +-5% 1/6W
R462	61A 602-472-52T	4.7K OHM 5% 1/6W
R465	61A 602-163-52T	16K OHM +-5% 1/6W
R466	61A 602-104-52T	100K OHM 5% 1/6W
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 602-122-52T	1.2K OHM +5% 1/6W
R474	61A 602-103-52T	10K OHM 5% 1/6W
R475	61A 602-474-52T	470K OHM 5% 1/6W
R476	61A 602-333-52T	33K OHM 5% 1/6W
R478	61A 602-222-52T	2.2K OHM +-5% 1/6W
R479	61A 602-332-52T	3.3K OHM 5% 1/6W
R482	61A 602-102-52T	1K OHM 5% 1/6W
R483	61A 602-471-52T	470 OHM +-5% 1/6W
R484	61A 602-474-52T	470K OHM 5% 1/6W
R488	61A 602-100-52T	10 OHM +-5% 1/6W
R489	61A 602-100-52T	10 OHM +-5% 1/6W
R493	61A 602-100-52T	10 OHM +-5% 1/6W
R497	61A175L-225-52T	2.2MEG 1/2W
R500	61A175L-204-52T	200K OHM 5% 1/2W
R601	95A 90- 23	TIN COATED
R602	61A 602-104-52T	100K OHM 5% 1/6W
R603	61A 602-562-52T	5.6K OHM 5% 1/6W
R604	61A 210-471-52T	470 OHM +-1% 1/6W
R605	61A 602-153-52T	15K OHM 5% 1/6W
R606	61A 602-682-52T	6.8K OHM 5% 1/6W
R607	61A 602-123-52T	12K OHM 5% 1/6W
R608	61A 210-473-52T	47K OHM 1% 1/6W
R609	61A 602-103-52T	10K OHM 5% 1/6W
R610	61A 602-102-52T	1K OHM 5% 1/6W
R611	61A 602-183-52T	18K OHM +-5% 1/6W
R612	61A 602-472-52T	4.7K OHM 5% 1/6W
R613	61A 602-682-52T	6.8K OHM 5% 1/6W
R614	61A 210-103-52T	10K OHM 1% 1/6W
R615	61A 210-303-52T	30K OHM 1% 1/6W
R617	61A175L-151-52T	150 OHM 5% 1/2W
R619	61A175L-159-52T	1.5 OHM 5% 1/2W



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 602-472-52T	4.7K OHM 5% 1/6W
R713	61A 602-102-52T	1K OHM 5% 1/6W
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 210-112-52T	1.1K OHM
R720	61A214Y-125-52T	1/4W 1.2MOHM +-5%
R721	61A 602-563-52T	56K OHM +-5% 1/6W
R722	61A 602-103-52T	10K OHM 5% 1/6W
R724	61A214Y-105-52T	1M OHM 1/4W +-5%
R725	95A 90- 23	TIN COATED
R726	61A 602-103-52T	10K OHM 5% 1/6W
R727	61A214Y-334-52T	330K 1/4W
R728	61A212Y-105-52T	1M OHM+-5% 1/2W Metal gl
R729	61A 602-103-52T	10K OHM 5% 1/6W
R730	61A 172-479-52T	4.7 OHM +-5% 1/4W
R731	61A175L-274-52T	270K OHM +-5% 1/2W
R733	61A 602-823-52T	82K OHM +-5% 1/6W
R734	61A 172-475-52T	4.7M OHM +-5% 1/4W
R735	61A 602-102-52T	1K OHM 5% 1/6W
R736	61A 602-752-52T	7.5K OHM +-5% 1/6W
R737	61A 602-472-52T	4.7K OHM 5% 1/6W
R738	61A 602-822-52T	8.2K OHM +-5% 1/6W
R739	61A 172-153-52T	15K OHM 5% 1/4W
R740	61A175L-274-52T	270K OHM +-5% 1/2W
R741	61A 602-472-52T	4.7K OHM 5% 1/6W
R742	61A175L-154-52T	150K +-5% 1/2W
R744	61A 602-302-52T	3K OHM 5% 1/6W
R745	61A 602-182-52T	1.8K OHM 5% 1/6W
R900	61A212Y-106-52T	10MOHM +-5% 1/2W.
R901	61A175L-474-52T	470K OHM 5% 1/2W
R902	61A 602-222-52T	2.2K OHM +-5% 1/6W
R903	61A 602-331-52T	330 OHM 5% 1/6W
R905	61A212Y-105-52T	1M OHM+-5% 1/2W Metal
R906	61A 172-153-52T	15K OHM 5% 1/4W
R908	95A 90- 23	TIN COATED
R909	61A214Y-205-52T	2M OHM 1/4W
R914	61A 172-470-52T	47 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 172-100-52T	10 OHM +-5% 1/4W
R925	61A214Y-105-52T	1M OHM 1/4W +-5%
R926	61A 172-473-52T	47K OHM 5% 1/4W
R928	71A 55- 23 A	FERRITE BEAD AB 035075-3
R928	71A 55- 23- S	FERRITE BEAD
R928	71A 55- 23- T	FERRITE BEAD
R930	61A 172-102-52T	1K OHM 5% 1/4W
R931	61A 172-479-52T	4.7 OHM +-5% 1/4W
R932	95A 90- 23	TIN COATED
R934	61A 172-102-52T	1K OHM 5% 1/4W
R935	61A 172-154-52T	150K OHM 5% 1/4W

R936	61A 172-222-52T	2.2K OHM 5% 1/4W
R937	61A 172-750-52T	75 OHM +-5% 1/4W
R938	61A 172-100-52T	10 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 172-101-52T	100 OHM 5% 1/4W
R942	61A 172-181-52T	180 OHM +-5% 1/4W
R943	61A175L-683-52T	68K OHM 5% 1/2W
R944	95A 90- 23	TIN COATED
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
R962	61A 172-220-52T	22 OHM 5% 1/4W
R963	61A 172-100-52T	10 OHM +-5% 1/4W
R969	61A214Y-753-52T	1/4W 75K
R970	61A 172-562-52T	5.6K OHM 5% 1/4W
R971	61A 172-103-52T	10K OHM 5% 1/4W
R972	61A 602-682-52T	6.8K OHM 5% 1/6W
R973	61A 602-753-52T	75K OHM +-5% 1/6W
R974	61A 602-101-52T	100 OHM 5% 1/6W
R975	61A175L-104-52T	100K OHM 5% 1/2W
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
ZD401	93A 39- 80-52T	HZ9C1/HITACHI
ZD401	93A 39-543-52T	TZX9V1C/TFK
ZD402	93A 39- 73-52T	HZ6B1/HITACHI
ZD402	93A 39-530-52T	ZENER DIODE (TZX5V6D)
ZD404	93A 39-504-52T	HZ3B2/HITACHI
ZD404	93A 39-515-52T	TZX3V0C
ZD405	93A 39-504-52T	HZ3B2/HITACHI
ZD405	93A 39-515-52T	TZX3V0C
ZD406	93A 39- 77-52T	HZ5C1
ZD406	93A 39-516-52T	TELEFUNKEN TZX5V1B
ZD407	93A 39-513-52T	HZ6C2/HITACHI
ZD407	93A 39-517-52T	TELEFUNKER TZX6V2C
ZD407	93A 39-525-52T	MTZJ6.2B
ZD408	93A 39- 52-52T	HZ5C2 5.1V 5% 0.5W/HITAC
ZD408	93A 39-516-52T	TELEFUNKEN TZX5V1B
ZD409	93A 39-504-52T	HZ3B2/HITACHI
ZD409	93A 39-515-52T	TZX3V0C
ZD601	93A 39- 52-52T	HZ5C2 5.1V 5% 0.5W/HITAC
ZD601	93A 39-516-52T	TELEFUNKEN TZX5V1B
ZD703	93A 39- 24-52T	HZ15-2 15V 5% 0.5W/HITAC
ZD704	93A 39-519-52T	TZX8V2B
ZD704	93A 39-528-52T	ZENER DIODE HZ9A2
ZD901	93A 39-113-52T	ZD HZ20-2/HITACHI
ZD901	93A 39-522-52T	TZX20B
ZD902	93A 39- 82-52T	HITACHI HZ12A2
ZD902	93A 39-544-52T	TZX12A
ZD903	93A 39-113-52T	ZD HZ20-2/HITACHI
ZD903	93A 39-522-52T	TZX20B
ZD905	93A 39-113-52T	ZD HZ20-2/HITACHI
ZD905	93A 39-522-52T	TZX20B
ZD906	93A 39-113-52T	ZD HZ20-2/HITACHI

ZD906	93A 39-522-52T	TZX20B	
ZD907	93A 39-113-52T	ZD HZ20-2/HITACHI	
ZD907	93A 39-522-52T	TZX20B	
	CRS791UNE	CRT BOARD FOR S791U-3	
	ARS791UNE	CRT BOARD FOR S791U-3CD	
	40A 581- 26-605	LABEL	
	55A 1- 4	SOLDER BAR	
	87A3504- 2 A	17" D.F. CRT SOCKET META	
	87A3504- DL	CRT SOCKET	
★	87A3504- QJ	CRT Socket	
	705A791P-R56-01C	IC803 ASS'Y FOR P791U-3C	
C874	65A 2M-103- 3B	0.01UF 2KV 20% Z5U	
CQ801	65A 442-181-13T	180PF +-5% NPO 50V	SET."B"."E"
CQ802	65A 442-181-13T	180PF +-5% NPO 50V	SET."B"."E"
CQ803	65A 442-181-13T	180PF +-5% NPO 50V	SET."B"."E"
FB808	71A 55- 19- T	BEAD	
G2	9A 203- 8	BRASS PIN	
GND	9A 203- 8	BRASS PIN	
IC801	56A 366- 5B	TDA4886	
IC802	56A1131- 15	NT6828-00023	
P801	33A3278-11A	11P PLUG	
P802	33A3278-12D	WAFER*PLUG	
P803	33A3278- 6D	WAFER	
R820	61A 208-330- 64	33 OHM 5% 1W	
R872	61A175L-101-52T	100 OHM +-5% 1/2W	
R878	61A 208-109- 64	1 OHM +-5% 1W	
SG804	62A 10- 16- J	SPARK GAP 1KV +500-100V	
SG804	62A 10- 16- W	SPARK GAP 1KV+500-100V C	
	6A 31- 4	BRASS	FOR CRT SOCKET
★	715A 839- 2B	CRPC	
C801	64A176J-104- 0T	0.1UF 5% 63V	
C801	64A178J-104- 0T	CL21X0.1UF 50V +-5%	
C802	64A176J-104- 0T	0.1UF 5% 63V	
C802	64A178J-104- 0T	CL21X0.1UF 50V +-5%	
C803	64A176J-104- 0T	0.1UF 5% 63V	
C803	64A178J-104- 0T	CL21X0.1UF 50V +-5%	
C804	67A 309-221- 3T	220UF +-20% 16V	
C805	67A 309-101- 3T	100UF +-20% 16V	
C806	67A 309-101- 3T	100UF +-20% 16V	
C807	65A 450-104- 7T	0.1UF +80-20% 50V Y5V	
C809	67A 305-339- 7T	3.3UF +-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	
C816	67A 309-101- 3T	100UF +-20% 16V	
C817	64A700J-103-0AT	0.01UF 50V +-5%	
C818	64A176J-104- 0T	0.1UF 5% 63V	
C818	64A178J-104- 0T	CL21X0.1UF 50V +-5%	
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 444-472-13T	4700PF +-10% Z5P 50V	
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	
C852	65A 450-104- 7T	0.1UF +80-20% 50V Y5V	

C853	67A 70-109- 9T	1UF +-20% 100V
C854	67A 70-109- 9T	1UF +-20% 100V
C855	67A 70-109- 9T	1UF +-20% 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
C860	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
C862	64A178J-104- 1T	C121X 0.1UF 100V +-5%
C863	65A517K-102- 5T	1000PF 500V +-10% Y5P
C864	64A176J-104- 1T	0.1UF 5% 100V
C864	64A178J-104- 1T	C121X 0.1UF 100V +-5%
C865	67A 309-109- 9T	1UF +-20% 100V
C866	64A176J-104- 1T	0.1UF 5% 100V
C866	64A178J-104- 1T	C121X 0.1UF 100V +-5%
C867	67A 309-109- 9T	1UF +-20% 100V
C868	65A 444-102-13T	1000PF +-10% Y5P 50V
C869	65A 444-102-13T	1000PF +-10% Y5P 50V
C870	67A 309-220- 9T	22UF +-20% 100V
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
D808	93A 64- 11-52T	DIODE 1N4148
D809	93A 64- 11-52T	DIODE 1N4148
D810	93A 64- 11-52T	DIODE 1N4148
D850	93A 64-19G-52T	BAV21/G.I
D850	93A 64-501-52T	SWITCHING DIODE BAV21
D851	93A 64-19G-52T	BAV21/G.I
D851	93A 64-501-52T	SWITCHING DIODE BAV21
D852	93A 64-19G-52T	BAV21/G.I
D852	93A 64-501-52T	SWITCHING DIODE BAV21
D853	93A 64-19G-52T	BAV21/G.I
D853	93A 64-501-52T	SWITCHING DIODE BAV21
D854	93A 64-19G-52T	BAV21/G.I
D854	93A 64-501-52T	SWITCHING DIODE BAV21
D855	93A 64-19G-52T	BAV21/G.I
D855	93A 64-501-52T	SWITCHING DIODE BAV21
D856	93A 64- 11-52T	DIODE 1N4148
D857	93A 64- 11-52T	DIODE 1N4148
D858	93A 64- 11-52T	DIODE 1N4148
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
D863	93A1060- 6Z-52T	TBYV26C
FB801	95A 90- 23	TIN COATED
FB802	95A 90- 23	TIN COATED
FB803	95A 90- 23	TIN COATED
FB804	95A 90- 23	TIN COATED
FB805	71A 55- 19- T	BEAD
FB806	71A 55- 19- T	BEAD

FB807	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
J822	95A 90- 23	TIN COATED
L801	61A 172-101-52T	100 OHM 5% 1/4W
L850	73A 54-478-10T	0.47UH +-10% peaking coi
L851	73A 54-478-10T	0.47UH +-10% peaking coi
L852	73A 54-478-10T	0.47UH +-10% peaking coi
Q850	57A 493- 10- T	TRANSISTOR BF422/PHILIPS
Q850	57A 493- 11- T	H3F422
Q851	57A 493- 10- T	TRANSISTOR BF422/PHILIPS
Q851	57A 493- 11- T	H3F422
Q852	57A 493- 10- T	TRANSISTOR BF422/PHILIPS
Q852	57A 493- 11- T	H3F422
Q853	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q853	57A 419- PP- T	2PC945P/PHILIPS
Q853	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q854	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q854	57A 419- PP- T	2PC945P/PHILIPS
Q854	57A 419- SG- T	KSC945C-G TA FAIRCHILD
Q855	57A 419- P- T	TRAN 2SC945P/NEC TAPING
Q855	57A 419- PP- T	2PC945P/PHILIPS
Q855	57A 419- SG- T	KSC945C-G TA FAIRCHILD
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
R835	61A 172-100-52T	10 OHM +-5% 1/4W
R836	95A 90- 23	TIN COATED
R837	61A 602-622-52T	6.2K OHM +-5% 1/6W
R838	95A 90- 23	TIN COATED
R839	95A 90- 23	TIN COATED
R850	61A 602-100-52T	10 OHM +-5% 1/6W
R851	61A 602-202-52T	2K OHM 5% 1/6W
R852	61A 602-202-52T	2K OHM 5% 1/6W
R853	61A 602-202-52T	2K 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
ZD801	93A 39-528-52T	ZENER DIODE HZ9A2
ZD802	93A 39- 77-52T	HZ5C1
ZD802	93A 39-516-52T	TELEFUNKEN TZX5V1B
IC803	705A791PR5601C	IC803 ASS'Y FOR P791U
	90A 355-501- A	HEAT SINK
	M1A1730- 6-128	SCREW M3x6
	56A 551-501	LM2437T
	705A791UC56 01	IC601 ASS'Y
	5A 71- 1	TRANSISTOR HOUSING
	11A6007- 2	Bushing

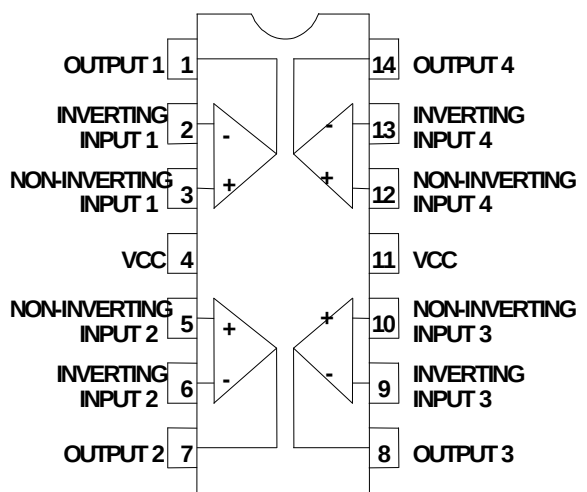
	12A 386- 1	M12	
	90A 351-502- A	Heat Sink	
	M1A1730- 12-128	SCREW	
IC601	56A 574- 1	TDA9302H BY SGS	
	705A791UC56 2A	IC903 ASS'Y	
	90A 361-504- A	HEAT SINK	
	M1A1730- 8-128	SCREW M3x8	
IC903	56A 133- 12- N	VOLTAGE REGULATORS UPC78	
IC903	56A 133- 12- ST	3 PIN 12V REG.L7812CV SG	
	705A791UC57 04	Q417 ASS'Y	
	90A 360- 2	HEAT SINK	
	M1A1730- 6-128	SCREW M3x6	
Q417	57A 600- 2	MOS FET IRF630 FAIRCHIRD	
Q417	57A 600- 4	IRF630 SGS-THOMSON ST	
	705A791UC57 06	Q412 ASS'Y	
	90A 360- 2	HEAT SINK	
	M1A1730- 6-128	SCREW M3x6	
Q412	57A 600- 2	MOS FET IRF630 FAIRCHIRD	
Q412	57A 600- 4	IRF630 SGS-THOMSON ST	
	705A791UC57 1A	Q403/Q405/Q911/D408 A	
	5A 42-501	SPACER	FOR Q911
	5A 71- 1	TRANSISTOR HOUSING	FOR Q405
	32A3028- 8	MICA	FOR Q911
	32A3028-505	MICA	FOR Q405
	52A6016- 4	SPRING PIECE	HEAT SINK TO CASE
	90A 363-519- P	HEAT SINK	
	M1A1130- 8-128	SCREW 3.0X8	
	M1A1730- 10-128	SCREW M3x10	MTG Q403
D408	93A 220- 12	FMP-2FUR 1500/600V 5A SA	
D408	93A 220- 17	FMQ-2FUR	
Q403	57A 706- 7	2SC5521Z	
Q405	57A 415- 1 A	TR.NPN TIP122/FAIRCHILD	
Q405	57A 415-500	TIP122 S.T	
Q911	57A 600-504	POWER MOSFET IRF634A FAI	
	705A791UC5701A	Q901/Q904 ASS'Y	
	90A 348-510- A	HEAT SINK	
	M1A1730- 10-128	SCREW M3x10	
Q901	57A 724- 6	STP7NC7OZF1P	
Q904	57A 724- 2	2SK3115	
	705A791UC5703A	Q410 ASS'Y	
	90A 361-504- A	HEAT SINK	
	M1A1730- 8-128	SCREW M3x8	
Q410	57A 610- 1	IRF640R BY ROHM	
Q410	57A 610-501	IRF640A BY FAIRCHILD	
	705A791UC61 01	NR901 ASS'Y	
	9A 203-502	PIN	
	96A 29- 4	PLASTIC TUBEL	
NR901	61A 58- 8- L	NTCR 15OHM	
NR901	61A 58- 8T- L	NTC.SCK-152X	
	705A791UC8701A	AC SOCKET ASS'Y	
★	87A 501- 6	RECEPTACLES	
	95A 800- 2- 2C	WIRE & CORE	
	96A 29- 6-190	H.S. TUBING DIA.4.0MM	
	705A791UC93 01	D921 ASS'Y	
	90A6016- 1	HEAT SINK	
D921	93A3020- 12	RL-3 SANKEN	
	750A58567917AU	17" CPT CRT MPRII ASS	
★	750A5856-7AV	CPT17".25TCO CRT JLY DY+	
C407	64A700J-102-0AT	PEN 0.001UF/50V +-5%	
C418	63A210J-402-8FC	4000PF/2KV	
C418	63A210J-402-8FH	METALIZED POLYPROPYLENE	
C418	63A210J-402-8FM	4000PF/2KV	

	C419	63A210J-402-7FC	4U 1600V
	C419	63A210J-402-7FM	4nF/1600V +-5%
	C429	63A210J-914-2CC	0.91UF/250V
	C429	63A210J-914-2MM	0.91UF/250V
	C438	63A210J-124-2BC	0.12UF 250V
	C438	63A210J-124-2BH	0.12uf/250V
	C439	63A210J-394-2CC	.39UF +-5% 250V
	C439	63A210J-394-2CM	0.39UF 5% 250V BY MYLAR
	C449	65A 2K-121- 5A	120PF 2KV
	C450	65A 2K-101- 5T	100PF/2KV
	C453	63A210J-244-2CC	0.24uF 250V
	C453	63A210J-244-2CM	0.24UF 250V PMH BY MYLAR
	C498	95A 90- 23	TIN COATED
	C499	95A 90- 23	TIN COATED
	P701	33A3803- 3	WAFER EH-E
	R618	61A 208-828- 64	.82 OHM 1W
★	TP498	95A201F- 50-162	16"NEGATIVE PULSE
		750A58567917TU	17"CPT CRT TCO ASS'Y
		11A 112- 1 A	WIRE MOUNTS
★		750A5856-7AV	CPT17".25TCO CRT JLY DY+
	C407	64A700J-102-0AT	PEN 0.001UF/50V +-5%
	C418	63A210J-402-8FC	4000PF/2KV
	C418	63A210J-402-8FH	METALIZED POLYPROPYLENE
	C418	63A210J-402-8FM	4000PF/2KV
	C419	63A210J-402-7FC	4U 1600V
	C419	63A210J-402-7FM	4nF/1600V +-5%
	C429	63A210J-914-2CC	0.91UF/250V
	C429	63A210J-914-2MM	0.91UF/250V
	C438	63A210J-124-2BC	0.12UF 250V
	C438	63A210J-124-2BH	0.12uf/250V
	C439	63A210J-394-2CC	.39UF +-5% 250V
	C439	63A210J-394-2CM	0.39UF 5% 250V BY MYLAR
	C449	65A 2K-121- 5A	120PF 2KV
	C450	65A 2K-101- 5T	100PF/2KV
	C453	63A210J-244-2CC	0.24uF 250V
	C453	63A210J-244-2CM	0.24UF 250V PMH BY MYLAR
	C498	65A 1K-151- 5T	1KV 150PF
	C499	65A 1K-331- 5T	330PF/1KV Y5P+-10%
	P701	33A3803- 3	WAFER EH-E
	R498	61A 172-563-52T	56K OHM 5% 1/4W
	R618	61A 208-828- 64	.82 OHM 1W
	TP498	95A201M- 50-132	13" NEGATIVE PULSE

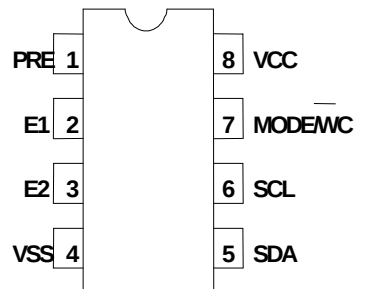
IC101 UM6861



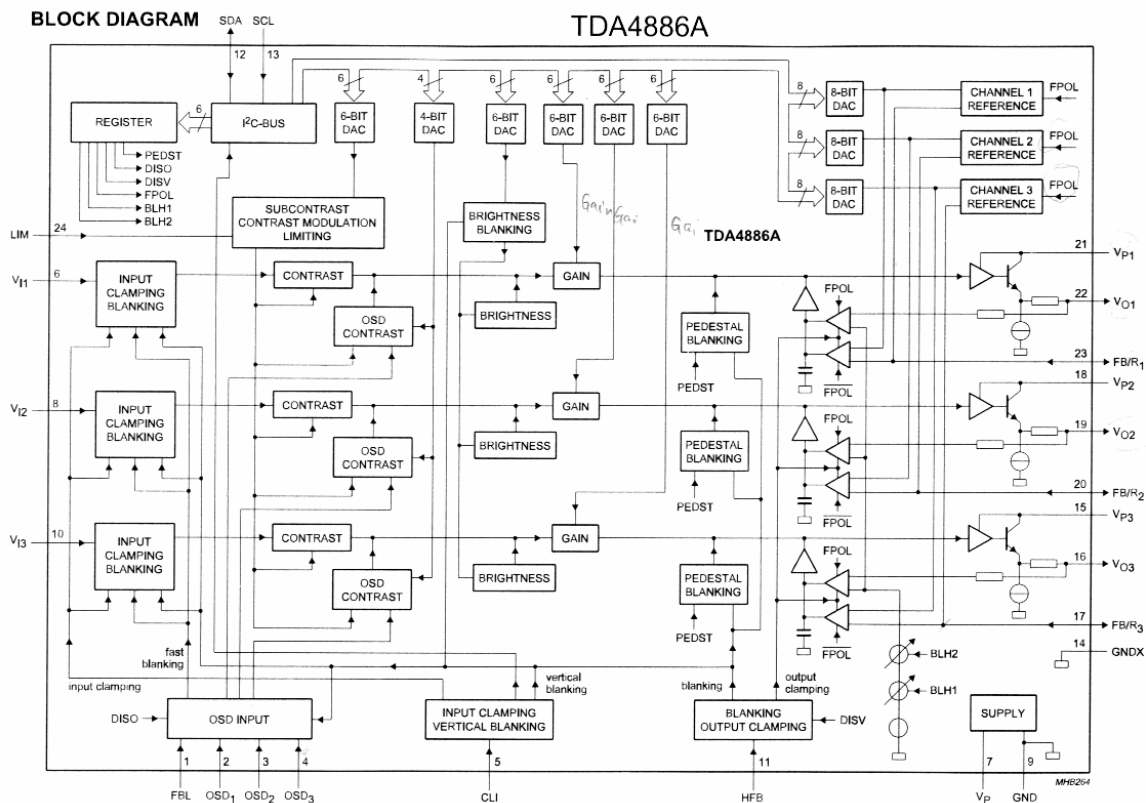
IC403/IC404 LM324



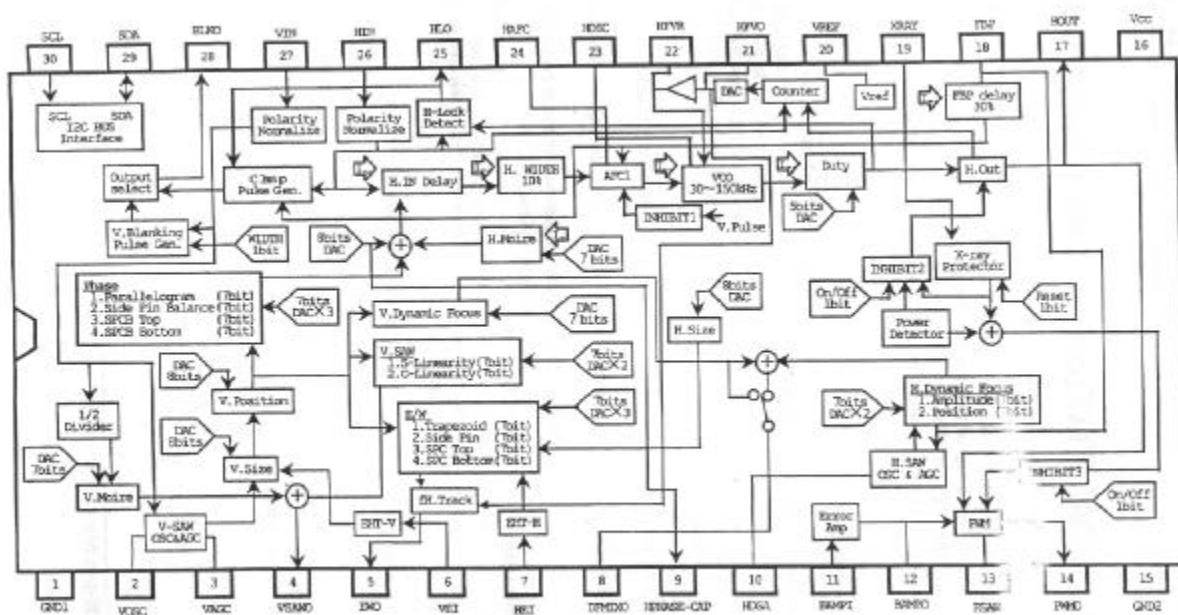
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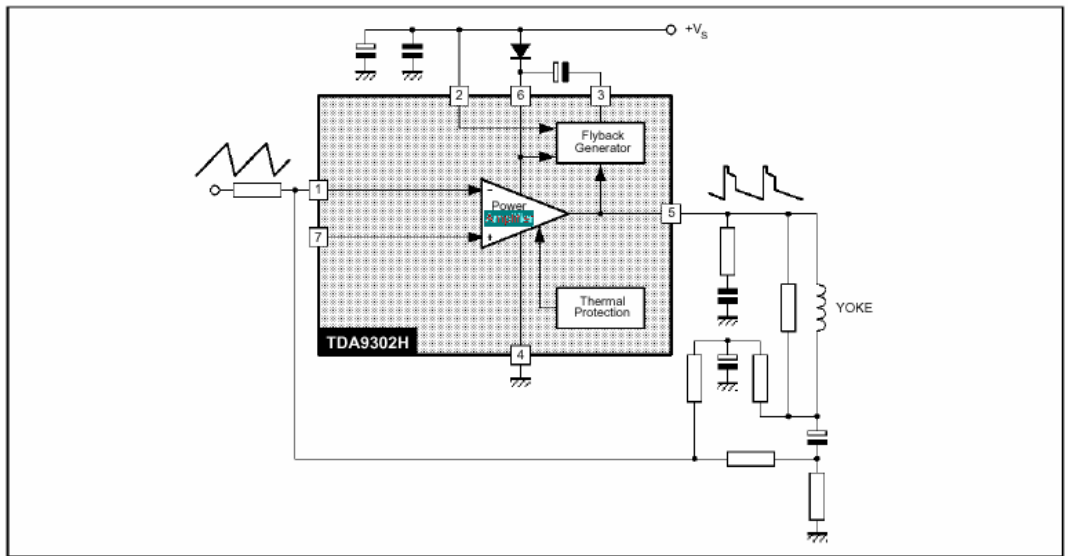
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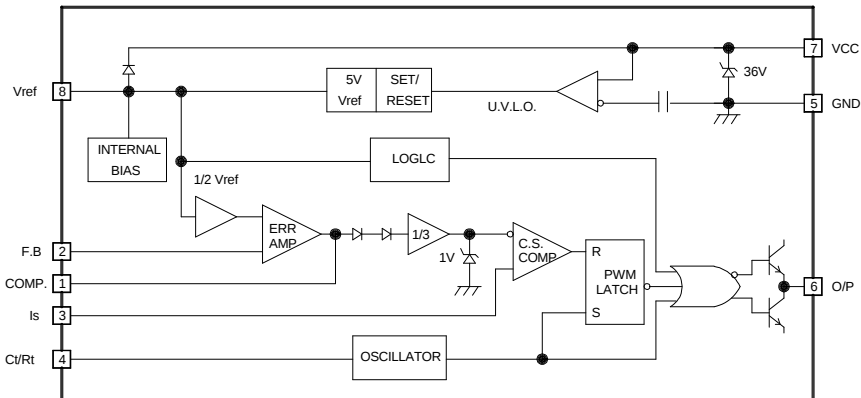
IC401 UPC1888CCT



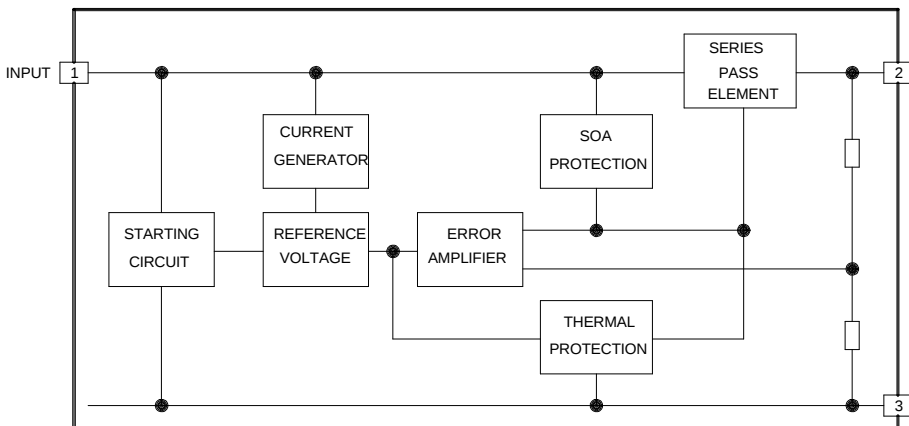
BLOCK DIAGRAM



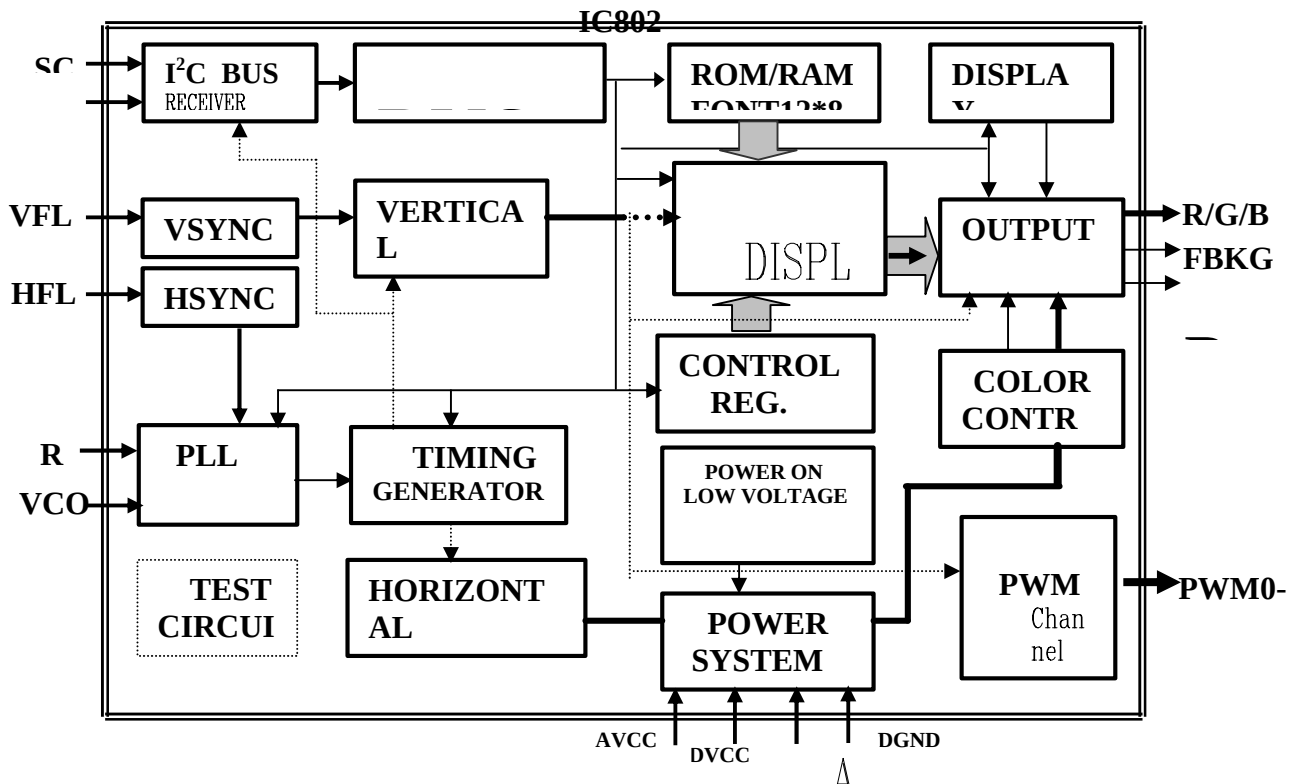
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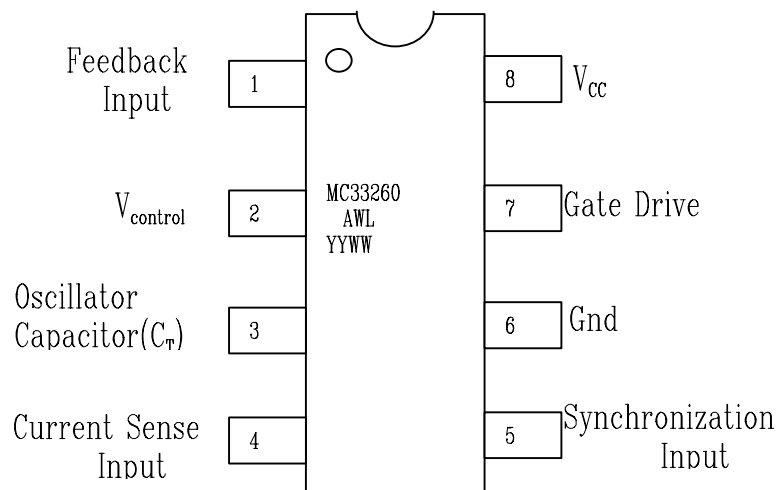
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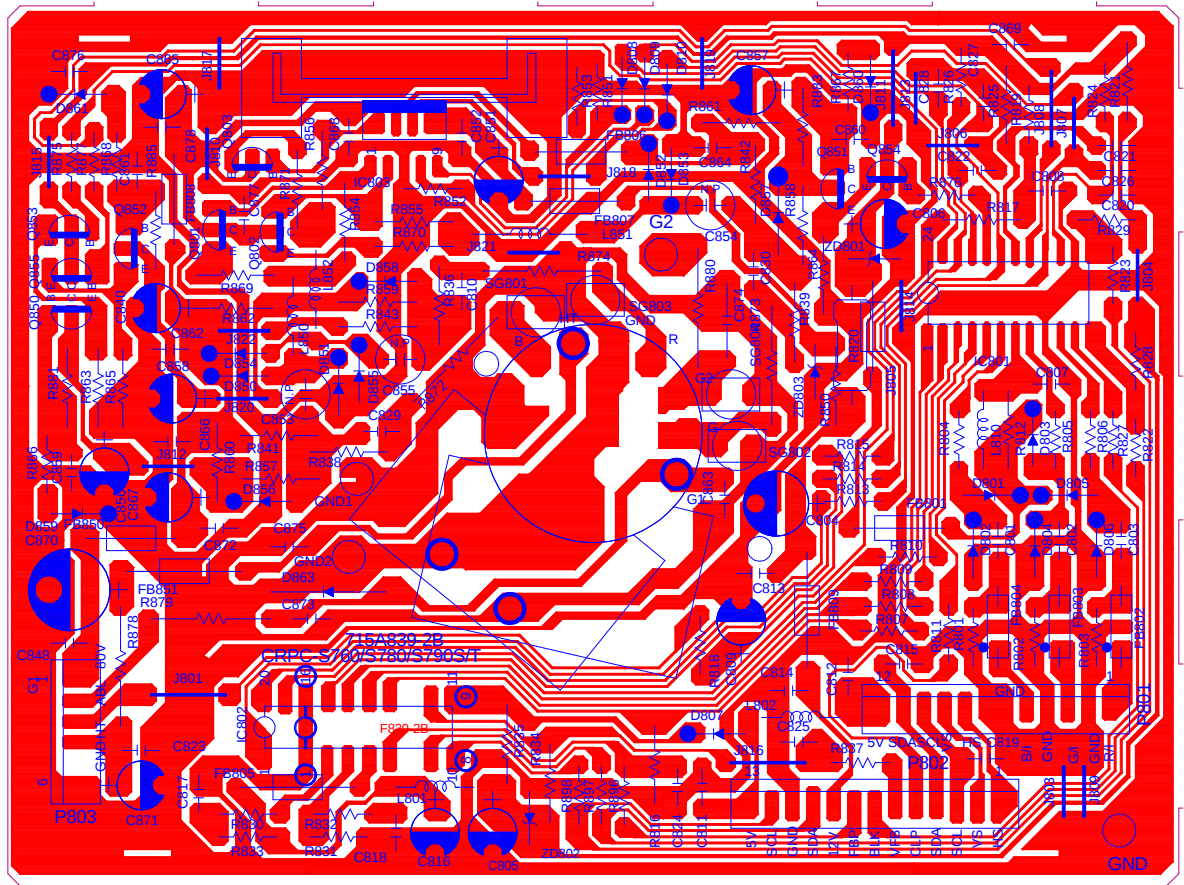
NT6828 Block Diagram



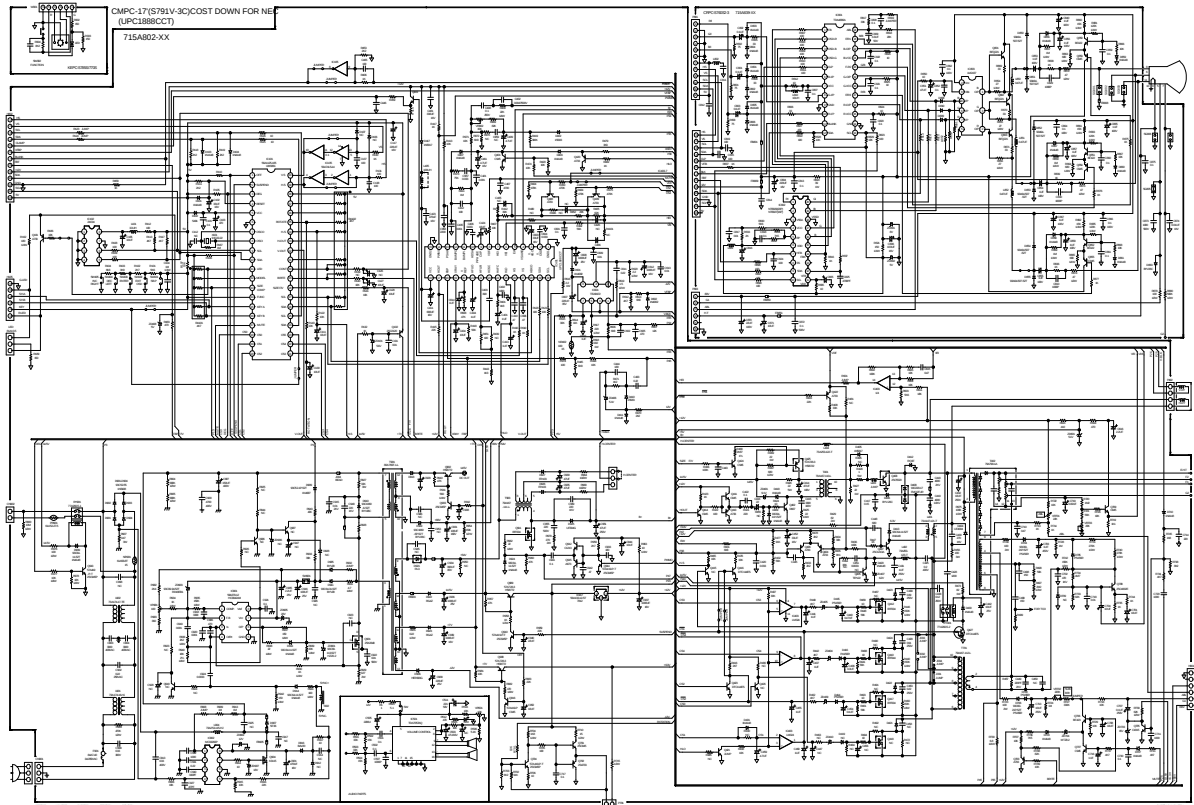
IC902 MC33260 PIN CONNECTIONS



10-2 CRT BOARD LAYOUT



CMPC-17(S791V-3C)COST DOWN FOR NE
(UPC188BCT)
715A802-XX



NOTES:

This schematic, we can't guarantee the accuracy of this information,
after the date of publication and declares liability for changes,
errors or omissions.

CRT	0	1	2	3	4	5	6	7	8	9
750A8056-7AV	L401	C438	C439	C425	C436	C439	C429	R438	R439	D404
750A8072-3AV	75A147-121-TD	4W/02W	4W/02W	0.2uF/020V	0.1uF/020V	0.39uF/020V	0.5uF/020V	0.5uF/020V	OPEN	OPEN
		4.3W/02W	0.24uF/020V	0.1uF/020V	0.5uF/020V	0.5uF/020V	0.5uF/020V	0.75uF/020V	105W	uF40040UF100

MODEL	S791U-3CD	DRAWN BY	M.Y. XU
PIN	S791U-3CD-05-A	CHECKER	F.P. ZOU
DATE	SEP-04-2001	APPROVED BY	

