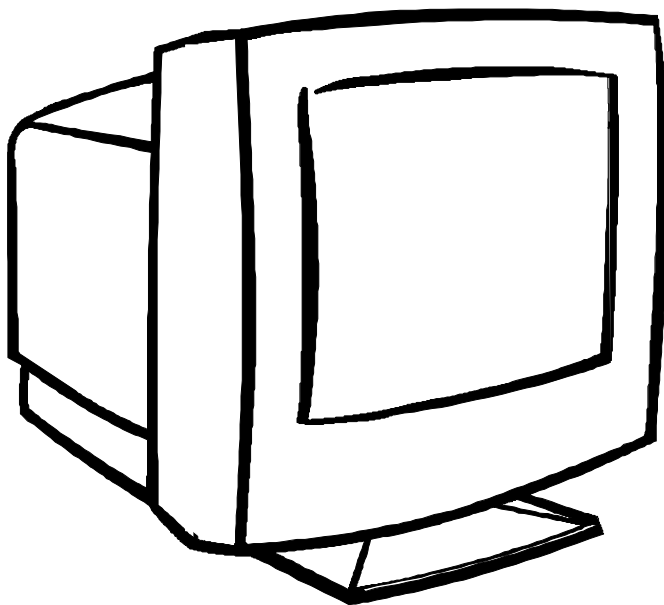


SERVICE MANUAL

COLOR MONITOR

SPECTRUM 7V SERIES
(S761U/V)



AOC

41AS761-E11

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1. SPECIFICATIONS FOR 7V SERIES COLOR MONITOR

1. CRT : 43.2CM(17") 90 Deflection, 29mm Neck, 0.27mm 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-Center, V-Size, ZOOM, Pincushion, Trapezoid, Pin-Balance, Parallelogram, Rotation, Color Temperature, Degaussing, Moire Reduce, Recall, Language.
5. Input Video Signal

	Mode 1	Mode 2	Mode 3	Mode 4	Mode 5	Mode 6
	RGB Analog	RGB Analog	RGB Analog	RGB Analog	RGB Analog	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
	Negative	Positive	Negative	Positive	Positive	Positive
Horizontal:	640 (H)	720 (H)	640 (H)	800 (H)	1280 (H)	1024 (H)
Vertical :	480 (V)	400 (V)	480 (V)	600(V)	1024(V)	768 (V)
Fh (KHz):	31.47	31.47	43.3	53.67	64.0	68.6
Fv (Hz) :	60	70	85	85	60	85

6. Display Size
Horizontal: 300 mm
Vertical: 230 mm
7. Scanning Frequencies
Horizontal: 30KHz ~ 70KHz
Vertical: 50 Hz ~ 130 Hz
8. Factory Preset Timings: 6
User Timings: 8
9. Misconvergence
Center: 0.3 mm Max.
Corner: 0.4 mm Max.
10. Video Bandwidth: 110 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: 15.5 Kgs(Net), 17.5Kgs(Gross)
15. Dimensions Monitor:
Carton: 495(W) × 455(H) × 525(D) mm
Monitor: 410(W) × 402(H) × 420(D) mm
16. External Connection:
15 Pin D-type Connector
AC Power Cord
17. Regulations:UL, CSA, FDA, FCC, TÜV/GS, CE, MPR-II, TCO'95 or 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. 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

$24.5KV \pm 1KV$

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.

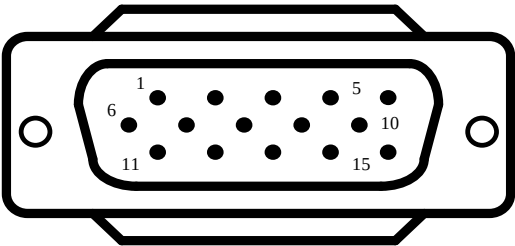
To determine the presence of high voltage, use accurate, high impedance, HV meter connected between second anode lead and CRT dag grounding device. When servicing the High Voltage System, remove static charge from it by connecting a 10K ohm resistor in series with an insulated wire (such as a test probe) 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 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 color display requires service, it must be returned with the power cord.

4. ADJUSTMENT

4-1 ADJUSTMENT CONDITIONS AND PRECAUTIONS

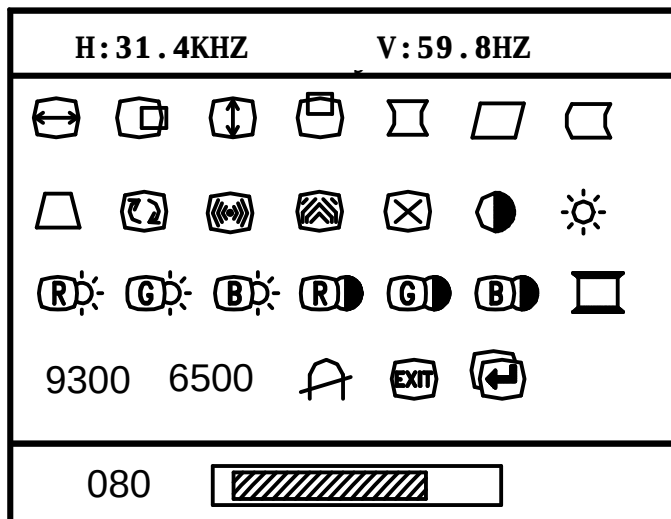
1. Approximately 30 minutes should be allowed for warm up before proceeding.
2. Adjustments should be undertaken only on those necessary elements since most of them have been carefully preset at the factory.

4-2 MAIN ADJUSTMENTS

NO.	FUNCTION	LOCATION	DESIGNATION
1.	14V ADJ	PCB - MAIN	VR903
2.	B + ADJ	PCB - MAIN	VR902
3.	SCREEN ADJ	FLY BACK TRANS	T402
4.	H-FOCUS ADJ	FLY BACK TRANS	T402
5.	V-FOCUS ADJ	FLY BACK TRANS	T402
6.	ABL ADJ	PCB - MAIN	VR701
	-MENU	PCB - MAIN	SW101
	-UP	PCB - MAIN	SW102
7.	FUNCTION ADJ	PCB - MAIN	SW103
	-DOWN	PCB - MAIN	SW104
	-EXIT	PCB - MAIN	

4-3 ADJUSTMENT METHOD

1. 14V, 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 and ground, then adjust VR903 to be 14VDC.
 - C. Connect a DC Volt meter between TP902 and ground, then adjust VR902 to be 59.5 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 its value for the optimum picture.



CONTRAST



BRIGHTNESS



H-CENTER



H-SIZE



V-CENTER



V-SIZE



ZOOM



PINCUSHION



TRAPEZOID



PIN-BALANCE



PARALLELOGRAM



ROTATION



CORNER



H-MOIRE REDUCE



V-MOIRE REDUCE



R-GAIN



G-GAIN



B-GAIN



R-BIAS



G-BIAS



B-BIAS

9300

COLOR TEMPERATURE

6500

COLOR TEMPERATURE



DEGAUSS



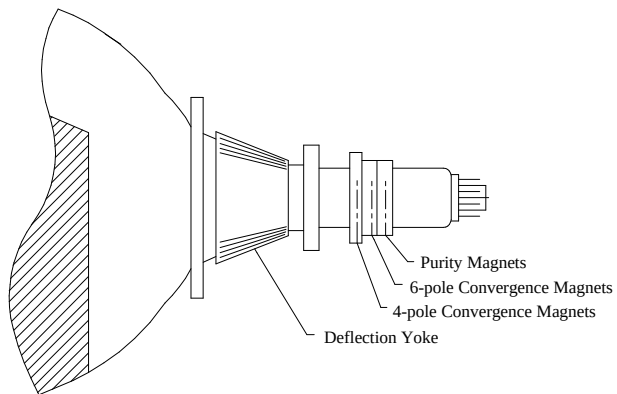
OSD EXIT



RETURN

- D. To switches the input signal to the other Timing Mode. Please follow step A ~ 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.
3. White Balance, Luminance adjustment:
- A. Bias (Low Luminance) adjustment:
- Set mode 1 640×480 Fh: 31KHz full white pattern.
 - To make the adjustment condition is under the Factory preset window.
Same as step 2-B.
 - Warm up more than 20 minutes.
 - Brightness  set to maximum. Contrast  set to min. full white pattern, then adjust FBT screen VR to make $Y = 4.5 \pm 0.5 \text{ cd/m}^2$
 - 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(50), 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:
- Set mode 1 640×480 Fh: 31.5KHz full white pattern.
 - Brightness set to raster just cutoff and set the contrast to max.
 - Adjust G-Gain  , B-Gain  , R-Gain  , to make color temperature $x = 283 \pm 10$, $y = 297 \pm 10$.
 - Change to 20% window white pattern then adjust contrast to $148 \pm 2 \text{ cd/m}^2$.
- 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:
- Set mode 1 640×480 Fh: 31.5KHz full white pattern.
 - Image Size : H:300±4mm V:230±4mm.
 - Brightness set to raster just cut off and set the contrast to max.
 - Adjust VR701 to the luminance at $92 \pm 2 \text{ cd/m}^2$.
4. Focus Adjustment:
- Set mode 1 640×480 Fh: 31.5KHz with character full page.
 - Adjust brightness to center and contrast to max.
 - Then adjust focus VR1 to a fine vertical line.
 - Adjust focus VR2 to a fine horizontal line.
 - Repeat step C & D.
5. Purity Adjustment
- Be sure that the display is not being exposed to any external magnetic fields.
 - Ensure that the spacing between the Purity, Convergence, Magnet, (PCM), assembly and the CRT stem is 29mm.
(See below diagram)
 - 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'.
 - 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, 512 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 IC105 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 (R154, C166, R155) and filter (R175, C167) 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 (TDA9111) for this monitor. The concept is fully DC controllable and can be used in applications with a micro-controller solutions.

The TDA9111 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 TDA9302H.

Horizontal Oscillator

The oscillator is of the relaxation type and requires a capacitor of 1nF C447 at pin5. The free running frequency is determined by a resistor R410 4.7K from pin6 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 C435, C437, R411, D403 is connected to Pin7.

PLL2 Phase Detector

This phase detector is similar to the PLL1 detector and compares the line flyback pulse at pin 12 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 pin4.

X-ray Protection

The X-ray protection input pin25 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:

Pin28 (BDRV) is floating

Pin26 (HDRV) is floating

Pin21, 23 (VOUT 1, 2) are floating

Vertical Oscillator

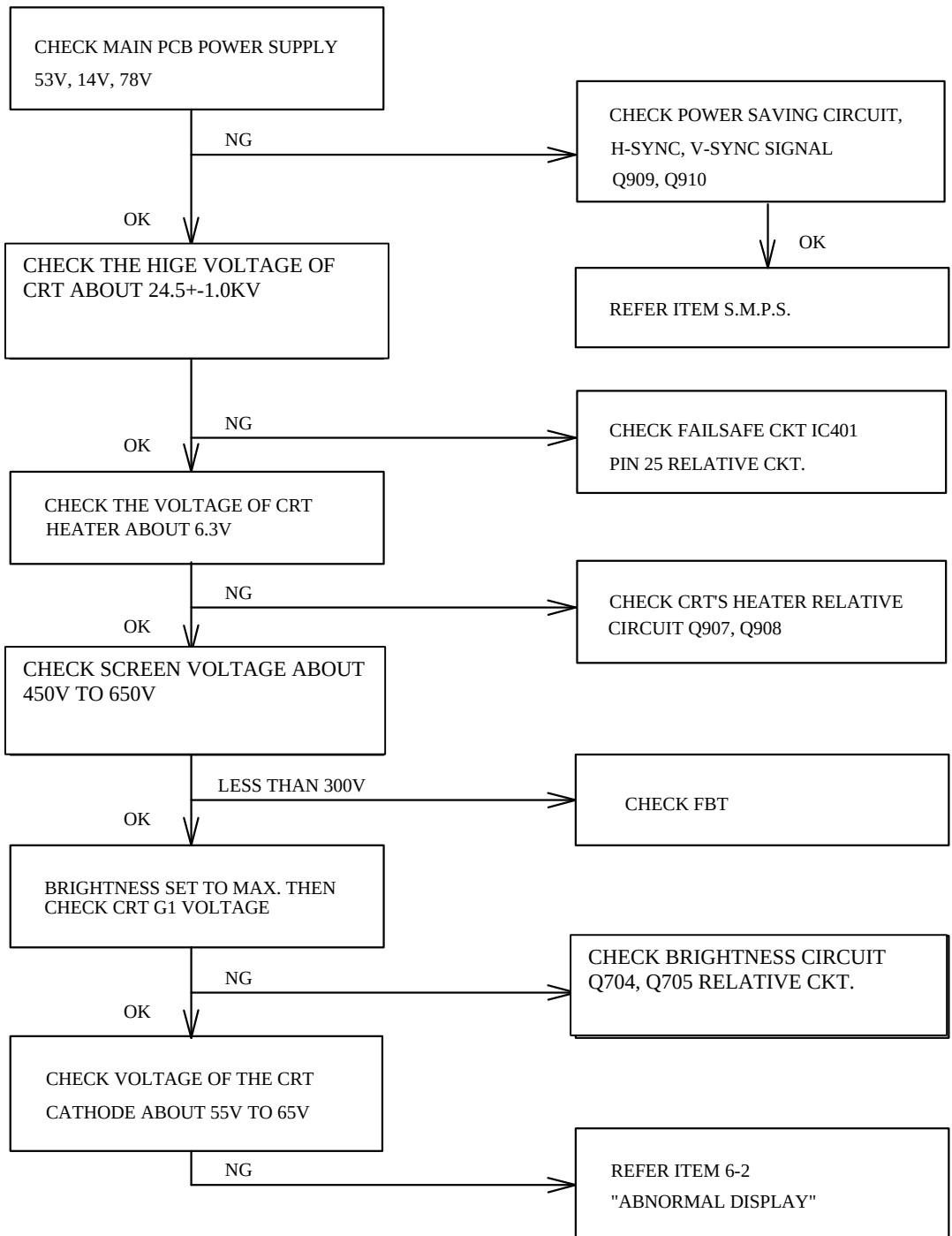
The vertical free –running frequency is determined by the resistor C613, C616, R616 at pin22. Usually the free-running frequency should be lower than the minimum trigger frequency.

5-3 TRANSISTOR & DIODE CIRCUIT

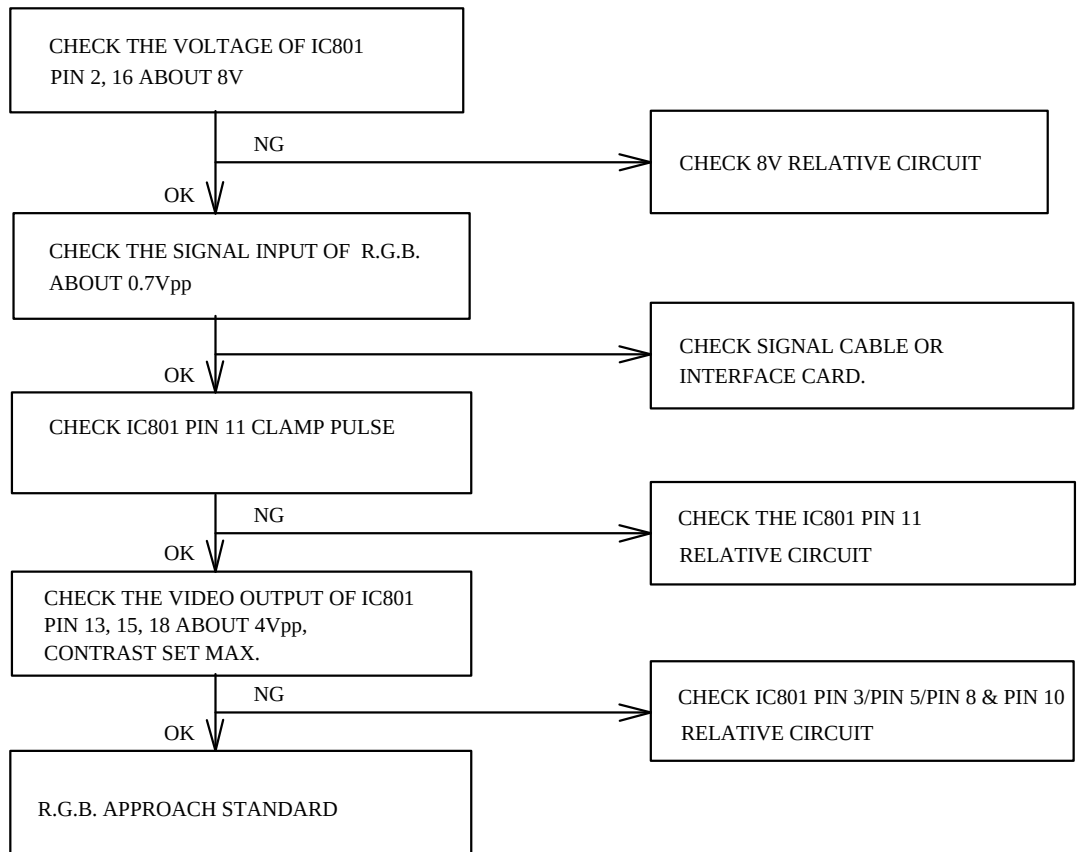
LOCATION	CIRCUIT FUNCTION DESCRIPTION
D901 ~ D904	Bridge Rectifier for AC Source
D910	Clamp Diode for Snubber CKT
D918, D919	Rectifier for Output Voltage
D922	Rectifier for Output Voltage
D923	Rectifier for Output Voltage
D925	Rectifier for B+ Supply
D929	B+ Feed Back Rectifier from F.B.T Pulse
Q901	MOS FET for Switching Power Control.
Q907, Q908	Use for Off-Mode to Cut-off 6.3V Supply Voltage
Q909, Q910	Use for Standy-By or Suspend Mode to Cut-off 14V Supply Voltage
Q912, Q920	Push-Pull Topology to Drive Q911
Q913	Degaussing Switcher Transistor
Q921	5V Regulator Transistor
Q401	Turn-on at Power ON/OFF and Change Mode to Protect Hor.Block
Q402	HOR. Driver Transistor
Q407, Q408	As a Switcher for Horizontal S Correction CKT
Q426	Horizontal s correction control MOSFET
Q404, Q405	As Differential Amp. to Drive Q406
Q406	Transistor for H-Size Control
Q705	Brightness Control CKT and as a Switch to Mute Screen.
Q741, Q742	V-Dynamic focus CKT
Q821 ~ Q823, Q830 ~ Q832	Video DC Restoration control transistor

6.TROUBLE SHOOTING CHART

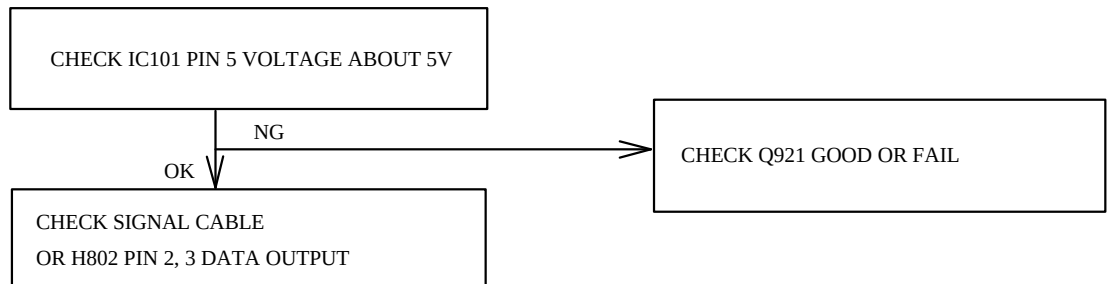
6-1 NO RASTER, CRT RELATIVE CIRCUIT PROBLEMS



2.ABNORMAL VIDEO LEVEL ON SCREEN

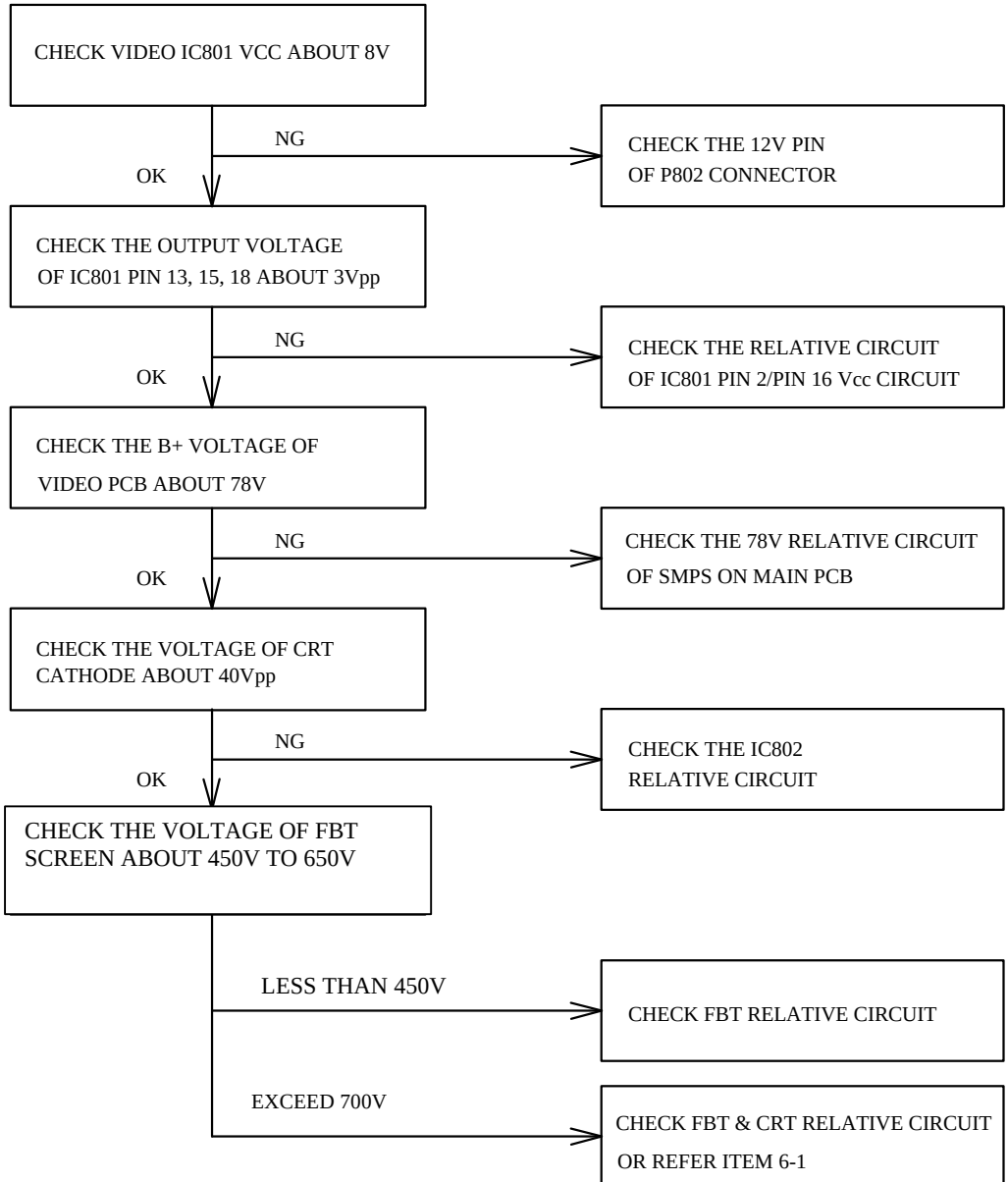


3. ABNORMAL DDC (PLUG & PLAY)

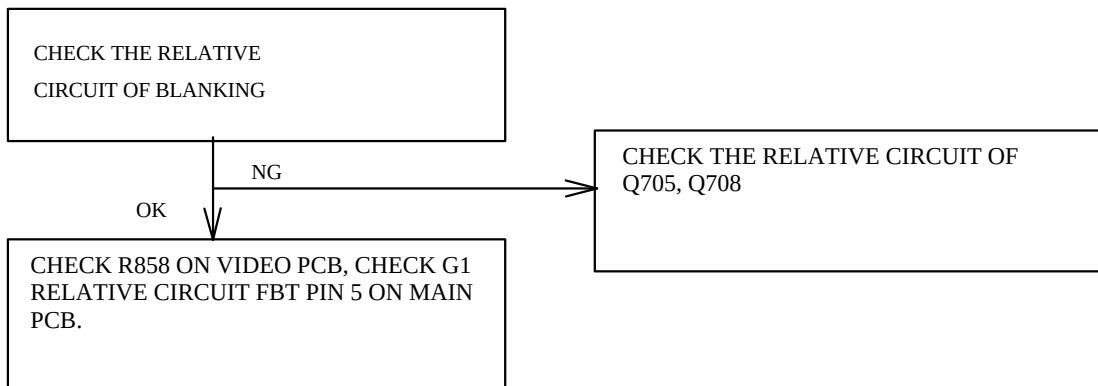


6-2 ABNORMAL DISPLAY

1.NO SIGNAL ON SCREEN

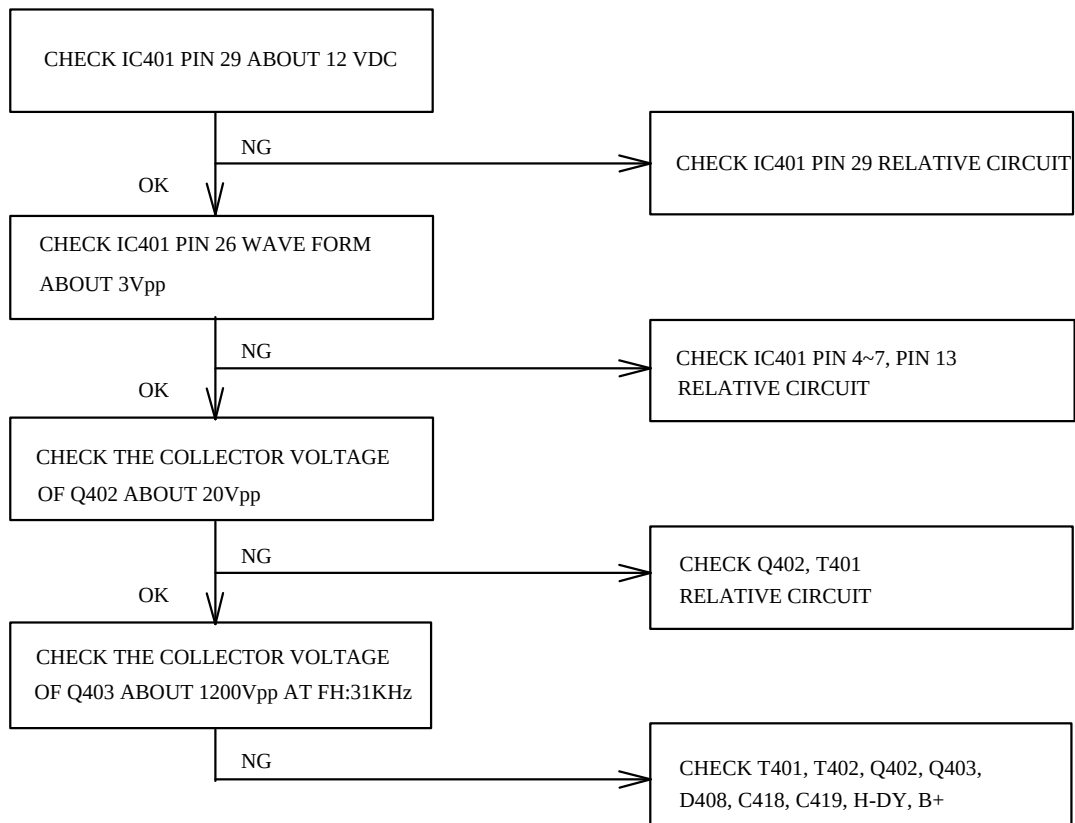


6-3 NO BLANKING



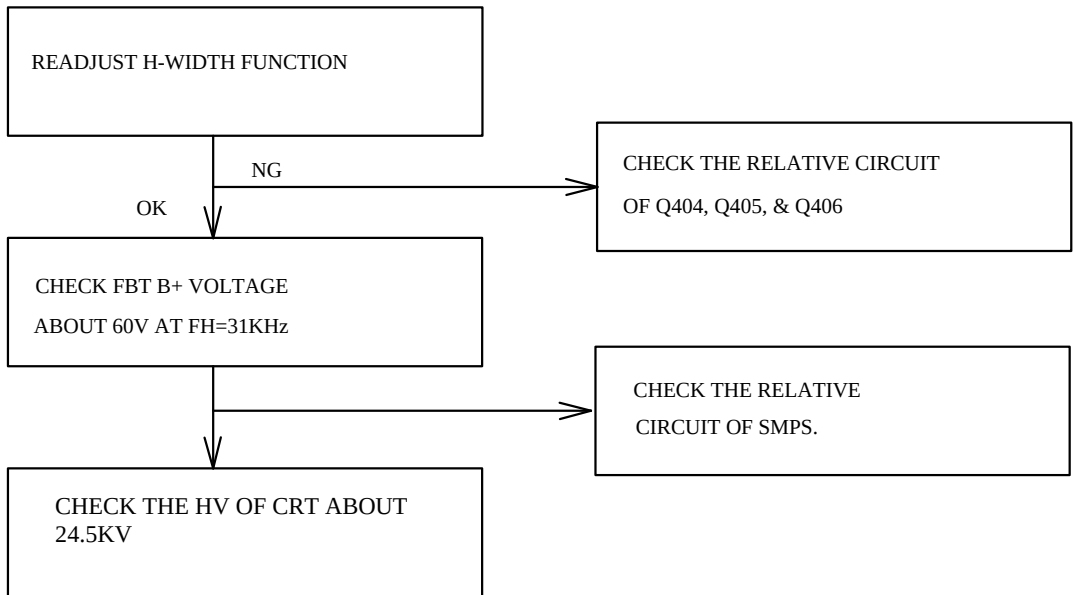
6-4 HOR./OSC/DEF/HV CIRCUIT FAULT

1. NO RASTER (DISCONNECT WITH SIGNAL CABLE)

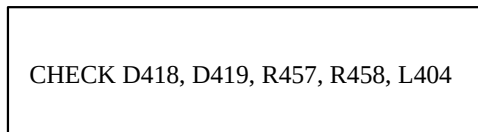


6-5 ABNORMAL HORIZONTAL DEFLECTION

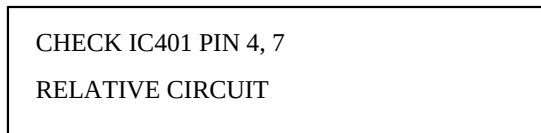
1. ABNORMAL HORIZONTAL WIDTH OF VIDEO



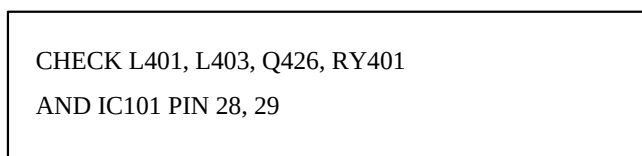
2. ABNORMAL HORIZONTAL RASTER CENTER



3. ABNORMAL HORIZONTAL VIDEO CENTER

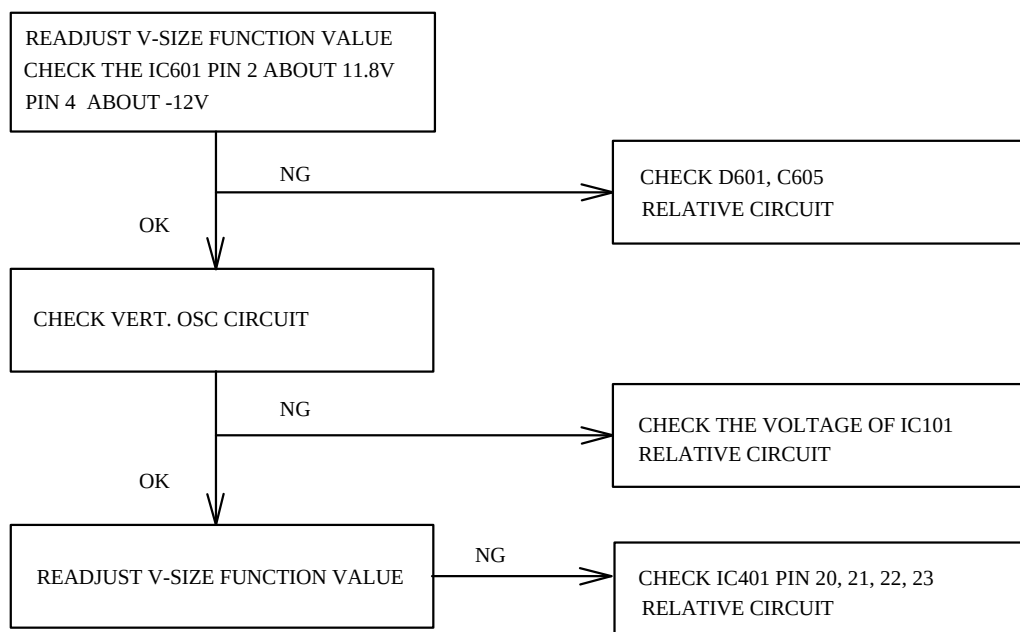


4. ABNORMAL HORIZONTAL LINEARITY

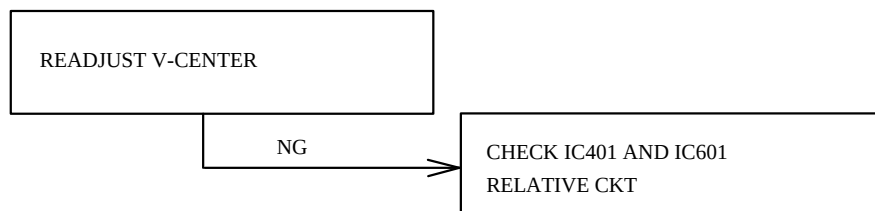


6-6 ABNORMAL VERTICAL SCANNING

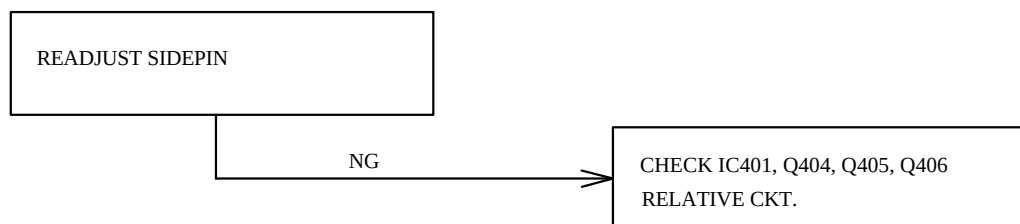
1. ABNORMAL VERTICAL SIZE



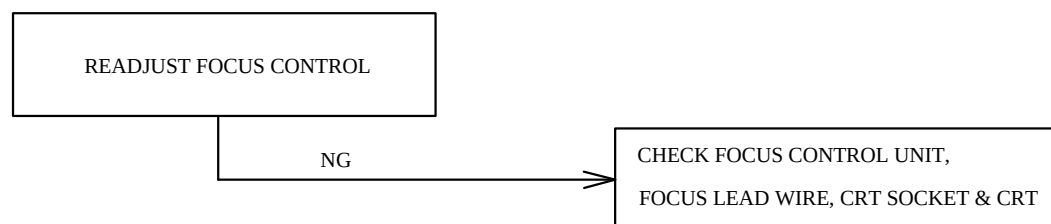
2. VERTICAL CENTER



6-7 SIDE-PIN CUSHION DISTORTION



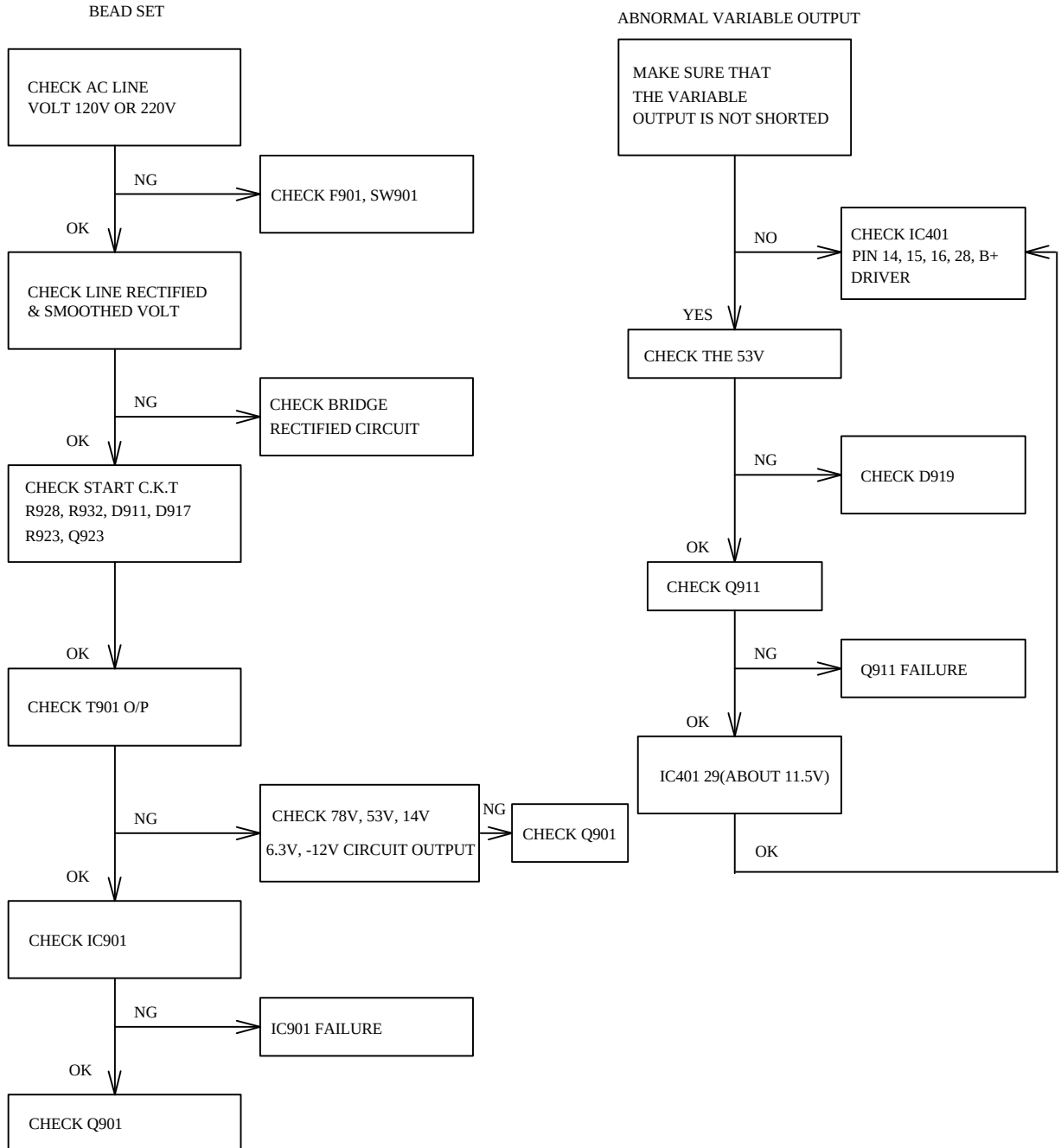
6-8 POOR FOCUS

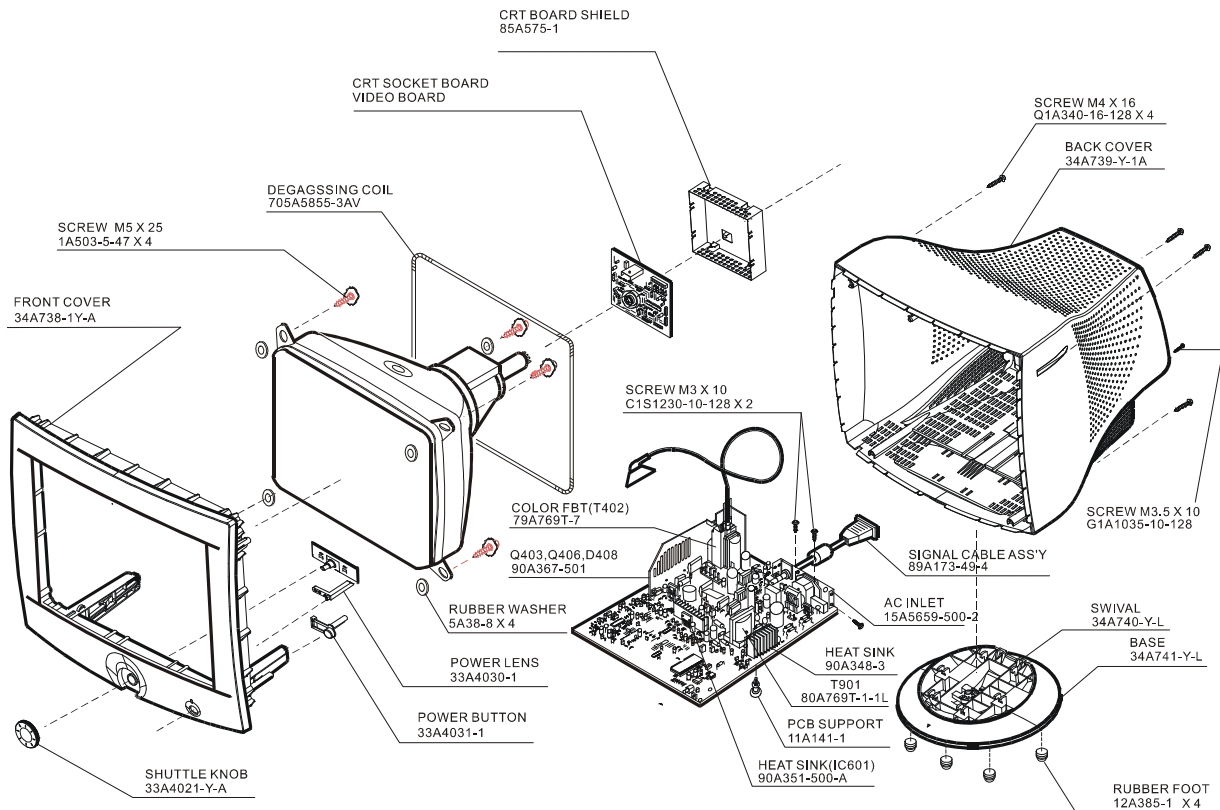


6-9 POWER SUPPLY TROUBLE SHOOTING CHART

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

POWER SUPPLY OUTPUT: (A) VARIABLE OUTPUT : 60.5V - 145V
(DEPENDING EPENDING UPON H.SYNC FREQUENCY)
(B) CONSTANT OUTPUT : 6.3V, 14.5V, -12V, 80V





8. PARTS LIST OF CABINET

LOCATION	S761U (LOW RADIATION 220V) CMS761U2N CK761U2N	SPECIFICATION CHAS ASS'Y KEPC BOARD
	1A 503- 5T- 47	SCREW FOR CRT
	5A 38- 8	RUBBER WASHER
	11A 112- 1	WIRE MOUNTS
	11A 112-500	WIRE MOUNT
	11A 115- 1	FBT CLIP
	19A 403- 7	STEEL
	26A 800-504- 6	BARCODE
	33A3663- 1	CRT SUPPORT
	33A4021- Y- A	ENCODEER VR KNOB
	33A4030- 1	LENS
	33A4031- Y- A	OSD KNOB
	34A 738- 3Y- A	FRONT PANEL
	34A 739- Y- 1A	REAR CABINET
	34A 740- Y- L	SWIVEL
	34A 741- Y- L	BASE
	40A 154-501- 1	HI-POT GND LABEL
	40A 581- 26-704	SHIPPING LABEL
	40A2041-615- 2A	ID LABEL
	41A 68-508- A	CARD
	41A 68-615- 1C	WARRANTY MANUAL
	41A 561-615- 2B	MANUAL
	44A3222- 1	EPS CUSHION
	44A3222- 2	EPS CUSHION
	44A3222-615- 4G	CARTON
	45A 76- 28- RN	pe bag
	45A 76- 34- RN	PE BAG
	45A 77-500	BARCODE RIBBON
	45A 77-501	BARCODE RIBBON
	45A 88- 7- RN	Monitor PE BAG
	85A 582- 1	SHIELD
	89A404C-18N- LN	POWER CORD
	95A 91-205-670	WIRE
	95A8013- 2	WIRE
	B1A1035- 10-128	SCREW 3.5X10
	D1A1140- 7-128	SCREW 4X7(FOR AC)
	Q1A 340- 16-128	SCREW
	Q1A1030- 10-128	SCREW
	705A769N-F34-01N	CAB'T ASS'Y
	750A1697-504- JA	0.35*90Ts Deg.covl
	750A5855-6AV	CPT 17"0.27 TCO CRT DLY
AS1	95A205T- 30-06A	Wire Harness

PARTS LIST OF KEPC ASS'Y



LOCATION	PARTS No.	SPECIFICATION
	715A 757- 1	P.C.BRD
E601	77A 700- 1- F	ENCODER
H601	95A8013- 4- 16	HARNESS 4P-4P 230MM
R191	61A 602-202-52T	CFR 2K OHM+-5% 1/6W

PARTS LIST OF CHAS

LOCATION	CMS761U2N	SPECIFICATION	
	AMS761U	MAIN PC BOARD ASS'Y	
	CRS761U	CRT BOARD ASS'Y	
	1A 421- 4-128	SCREW	
	11A 112- 1	WIRE MOUNTS	
	11A 141- 1	PCB SUPPORT	
	15A5640- 1- A	AL GND LUG	
	15A5659-501	AC BRACKET	
	40A 581- 26-702	FAIL-SAFE LABEL	
	40A 581-624- 2A	CHASSIS LABEL	
	71A 100- 8	FERRITE CORE 12*25*15	
	84A 33- 10	FUSE CLIP	
	85A 588- 1	SHIELD	
	89A174D-8DH-BLA	SIGNAL CABLE	
	B1A1040- 10-128	SCREW 4*10	FOR FBT
	D1A1140- 7-128	SCREW 4X7(FOR AC)	
	M1A1130- 8-128	SCREW 3.0X8	
	M1A1140- 6-128	SCREW	
	705A761P-C57- 03	Q911 ASS'Y	
	705A761P-C87-01V	AC SCOKET	
	705A761U-C61- 01	NR901 ASS'Y FOR S761U	
	705A761V-C56- 03	IC101 ASS'Y FOR	
	705A761V-C56- 04	IC101 ASS'Y	
	705A761V-C56- 1S	IC601 ASS'Y	
	705A761V-C57- 3A	D408/HV1/Q403/Q406 ASS'Y	
	705A761V-C57- 5A	Q901 ASS'Y	
	705A761V-C57-01P	Q426 ASS'Y	
	705A761V-C57-02S	Q431 ASS'Y	
	705A761V-C57-03S	Q428 ASS'Y	
	705A761V-C93- 1A	D919 ASS'Y	
	750A5855-761-M6A	17"CPT CRT MPRII ASS'Y	
	750A5855-761-S6A	17" CPT TC095/99 ASS'Y	
(GND2)	95A 205- 30-082	ul1015# 18 blk tincoated	
<SW101>	77A 602- 1- CJ	TACT SWITCH TSVB-2	FOR S761V

	LOCATION	CMS761U2N	SPECIFICATION
	C405	67A 309-102- 3	1000UF +-20% 16V
	C416	63A210J-684-2CM	0.68UF/250V +-5%
	C418	63A210J-562-7CC	5.6NF 1.6KV +-5%
	C419	63A210J-432-5CH	4.3nF/1KV +-5%
	C421	65A 1K-472- 1A	4700PF 1KV
	C422	64A100J-225- 59	2.2UF/100V MEF
	C425	63A210J-434-3CC	.43UF/400V
	C426	63A210J-684-2CC	0.68UF 250V +-5% MPP
	C430	93A 60-21P-52T	PS156R
	C431	63A210J-104-2BM	0.1UF 250V
	C432	67A 215-470-11H	47UF +-20% 200V HERMEI
	C438	63A210J-334-2CM	0.33UF +-5% 250V (PMH)
	C488	65A 2K-101- 5T	100PF/2KV
	C606	67A 309-471- 3	470UF +-20% 16V
	C713	67A 305-100- 12	10UF +-20% 250V
	C740	67A 305-109- 15	1UF +-20% 450V
!	C900	65A305M-222-2B2	2200PF 400VAC/250VAC
	C901	63A 107-224- HS	Interference up pressor
	C902	63A 107-224- H	Interference up pressor
!	C903	65A305M-222-2B2	2200PF 400VAC/250VAC
	C907	67A 30-151-14D	150UF +-20% 400V HEC
	C915	65A 2M-103- 3B	0.01UF 2KV 20% Z5U
	C922	65A517K-103- 2B	10000PF +-10% Z5P 500V
	C931	67A 215-391-GFH	390UF +-20% 80V HERMEI
	C936	67A 305-102- 4	1000UF +-20% 25V
	C937	67A 309-102- 3	1000UF +-20% 16V
	C938	67A 309-102- 3	1000UF +-20% 16V
	C939	67A 305-471- 3	470UF +-20% 16V
	C942	67A 309-471- 3	470UF +-20% 16V
	C951	67A 215-470-11H	47UF +-20% 200V HERMEI
	C963	65A305M-332-2B2	3300PF 250VAC/400VAC
!	C964	65A305M-332-2B2	3300PF 250VAC/400VAC
	CN902	33A3074- 1	2P PLUG
	D901	93A 52-55W-52T	rectifier diode 1N5406/G
	D902	93A 52-55W-52T	rectifier diode 1N5406/G
	D903	93A 52-55W-52T	rectifier diode 1N5406/G
	D904	93A 52-55W-52T	rectifier diode 1N5406/G
	D918	93A1060- 6-52T	F R D BYV26C
	D922	93A3040- 8T	RG-4
	D923	93A2020- 5-52T	ER202
	D925	93A3040- 8T	RG-4
	F901	84A 7H-400- SL	FUSE 4A 250V LF-618 004
	GND2	9A 203- 8	BRASS PIN
	H802	95A8013- 9- 7	HARNESS 9P-9P 370MM
	H803	95A8013- 6- 1	6-6P WIRE L:200MM MTG H8



LOCATION	CMS761U2N	SPECIFICATION	
H804A	95A8013- 11-501	5-11PIN	
H804B	95A8013- 11-501	5-11PIN	
IC401	56A 573- 4	TDA9116 BY SGS	
IC901	56A 379- 12	8PIN IC UC3842AM/LIN	
J032	95A 90- 23	TIN COATED	
J080	61A175L-101-52T	CFR 100 OHM +-5% 1/2W	
L401	73A 147- 71- L	LINEARITY 17.17uH(-5A)	
L404	73A 253- 70- G	1.5mH +-10% 0.4A? ?	
L405	73A 253- 68- H	180uH +-10%	
L901	73A 174- 2- SA	25MH FILTER	
L902	73A 174- 17- L	LINE FILTER 2MH	
L903	73A 259- 4	200UH +/-5%	
L906	73A 253- 88- H	CHOKE	
LED1	73A 10- 6- GP	LED	FOR S761V
LED2	81A 10- 6- GP	LED	
P402	33A3192- 4	4P PLUG	
P403	33A8009- 3	3 PIN PLUG	
P601	33A3278- 4	4P PLUG B4B-XHA/JST	
PR901	61A 52- 27- 4G	PTCR90HM+-20%220Vgaol	
Q907	57A 728- 3	Hsb772p/hsb772e hi-since	
Q909	57A 728- 3	Hsb772p/hsb772e hi-since	
Q923	57A 498- 1- T	tran BF423 TAPING PHILIP	
R1	61A 602-102-52T	CFR 1K OHM+-5% 1/6W	
R2	61A 602-222-52T	CFR 2.2K OHM +-5% 1/6W	
R426	61A153M-220- 59	MOFR 22 OHM+-5% 3W	
R455	61A152M-220- 64	MOFR 22 OHM+-5% 2W	
R456	61A153M-221- 59	MOFR 220 OHM+-5% 3W	
R457	61A153M-560- 59	MOFR 56 OHM +-5% 3W	
R458	61A153M-560- 59	MOFR 56 OHM +-5% 3W	
R459	61A152M-682- 64	MOFR 6.8K OHM +-5% 2W	
R607	61A 208-109- 64	MOFR 1 OHM +-5% 1W	
R608	61A152M-100- 64	MOFR 10 OHM+-5% 2W	
R723	61A152M-101- 64	MOFR 100OHM+-5% 2W	
R907	61A 208-471- 64	MOFR 470 OHM +-5% 1W	
R921	61A152M-339- 64	MOFR 3.3 OHM+-5% 2W	
R927	61A153M-333- 59	MOFR 33K OHM +-5% 3W	
R929	61A152M-228- 64	MOFR 0.22 OHM+-5% 2W	
R936	61A 303-228- 64	FUSER 0.22OHM +-5% 1W	
R989	61A152M-471- 64	MOFR 470 OHM +-5% 2W	
R991	61A153M-560- 59	MOFR 56 OHM +-5% 3W	
RA101	61A 124-472- 7	AR 7P6R 4.7K OHM +-5% 1/	
RY901	77A 260- 5- 4	RELAY	
SG489	62A 10- 16- J	SPARK GAP 1KV +500-100V	
SS1	95A205T- 30-06A	Wire Harness	
T401	79A 167-110- H	DRIVER TRANSFORMER	
LOCATION	CMS761U2N	SPECIFICATION	



T403	79A 167-119- LA	TRANSFORMER
T901	80A 761- 1- L	POWER X'FRM
TP901	9A 211- 2	PIN 1.2X15MM
TP902	9A 211- 2	PIN 1.2X15MM
VR701	75A 335-223	CFVR 22K OHM +-20%
VR902	75A 335-203	CFVR 20K OHM +-20%
VR903	75A 335-101	CFVR 100 OHM +-20%

PARTS LIST OF MAIN PC BOARD

LOCATION	AMS761U	SPECIFICATION
	6A 31- 4	BRASS
	6A 31-501	BRASS
	715A 883- 1	CMPC BOARD
C101	67A 309-220- 7T	22UF +-20% 50V
C103	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C104	67A 309-101- 4T	100UF +-20% 25V
C105	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C106	67A 309-330- 7T	33UF +-20% 50V
C109	67A 60-229- 7T	2.2UF +-20% 50V
C110	67A 309-109- 7T	1.0UF +-20% 50V
C111	65A 444-101- 5T	100 PF 10% 50V Y5P
C112	65A 444-101- 5T	100 PF 10% 50V Y5P
C113	65A 444-101- 5T	100 PF 10% 50V Y5P
C114	65A 444-101- 5T	100 PF 10% 50V Y5P
C130	65A 442-101-13T	100PF +-5% NPO 50V
C140	67A 305-100- 7T	10UF +-20% 50V
C141	67A 305-100- 7T	10UF +-20% 50V
C142	67A 305-100- 7T	10UF +-20% 50V
C143	67A 305-100- 7T	10UF +-20% 50V
C144	67A 305-100- 7T	10UF +-20% 50V
C145	67A 305-100- 7T	10UF +-20% 50V
C146	67A 305-100- 7T	10UF +-20% 50V
C150	67A 309-101- 3T	100UF +-20% 16V
C151	67A 305-101- 3T	100UF +-20% 16V
C160	65A 444-101- 5T	100 PF 10% 50V Y5P
C161	65A 442-471- 9T	470PF 50V
C162	65A 444-102-13T	1000PF +-10% Y5P 50V
C163	65A 444-101- 5T	100 PF 10% 50V Y5P
C164	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C166	64A700J-103-0AT	0.01UF 50V +-5%
C167	64A700J-104-0AT	0.1uF/50V +-5%
C168	65A 450-104- 7T	0.1UF +80-20% 50V Y5V

LOCATION	AMS761U	SPECIFICATION
C169	67A 305-101- 3T	100UF +-20% 16V
C171	67A 305-100- 7T	10UF +-20% 50V

C172	65A 444-102-13T	1000PF +-10% Y5P 50V
C403	64A 44J-223-1AT	22NF 100V
C406	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C407	65A 444-101- 5T	100 PF 10% 50V Y5P
C408	65A 444-101- 5T	100 PF 10% 50V Y5P
C409	64A 45G-102-1AT	.001UF +-2% 100V
C413	64A700J-104-0AT	0.1uF/50V +-5%
C414	64A178J-474- 1T	C121X 0.47UF 100V +-5%
C415	64A 44J-472-1AT	4700PF 100V PEI
C417	64A178J-154- 0T	CL21X 0.15UF 50V +-5%
C429	65A 444-332- 5T	3300PF 10% 50V Y5P
C433	67A 309-220- 7T	22UF +-20% 50V
C434	67A 309-479- 7T	4.7UF +-20% 50V
C435	64A 44J-103-1AT	.01UF +-5% 100V
C437	67A 309-479- 7T	4.7UF +-20% 50V
C440	95A 90- 23	TIN COATED
C442	95A 90- 23	TIN COATED
C443	67A 309-470- 3T	47UF +-20% 16V
C444	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C445	65A 444-332- 5T	3300PF 10% 50V Y5P
C446	65A 444-101- 5T	100 PF 10% 50V Y5P
C447	64A178J-103- 1T	CL21X 0.01UF 100V +-5%
C449	64A700J-473-0AT	47NF 100V +-5%
C460	65A 450-473- 4T	47000PF -20 +80% 50V Z5V
C462	67A 305-101- 7T	100UF +-20% 50V
C463	64A 44J-103-1AT	.01UF +-5% 100V
C464	67A 309-100- 7T	10UF +-20% 50V
C466	64A700J-822-0AT	8200PF/50V +-5%
C470	65A 444-332- 5T	3300PF 10% 50V Y5P
C601	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C602	65A 444-331- 5T	330PF 10% 50V
C603	67A 309-471- 3T	470UF +-20% 16V
C604	64A178J-224- 1T	C121X 0.22UF 100V +-5%
C605	67A 309-470- 7T	47UF +-20% 50V
C607	64A176J-473- 1T	0.047UF +-5% 100V
C610	64A700J-104-0AT	0.1uF/50V +-5%
C611	64A701J-474-0AT	0.47UF 50V +-5%
C613	64A701J-154-0AT	0.15UF 50V +-5%
C614	65A 444-101- 5T	100 PF 10% 50V Y5P
C702	67A 309-100- 7T	10UF +-20% 50V
C709	65A 1K-101- 5T	100PF/1KV Y5P+-10%
C710	63A212J-104-2AT	MPE 0.1UF/250V +-5%

LOCATION	AMS761U	SPECIFICATION
C720	65A 1K-152- 1T	1.5NF/1KV Z5F+-10%
C741	65A 444-331- 5T	330PF 10% 50V
C742	65A 444-471- 5T	470PF 10% 50V Y5P
C743	67A 309-100- 7T	10UF +-20% 50V
C750	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C770	95A 90- 23	TIN COATED
C908	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C916	64A176J-104- 1T	0.1UF 5% 100V
C918	64A 44J-332-1AT	3300PF 100V PEI
C920	64A 44J-222-1AT	2200PF 100V PEI
C921	64A700J-104-0AT	0.1uF/50V +-5%
C923	65A 1K-221- 2T	220PF/1KV Z5P+-10%
C924	64A700J-332-0AT	3.3nF/50V +-5%
C925	67A 309-100- 7T	10UF +-20% 50V
C926	67A 305-101- 7T	100UF +-20% 50V
C929	67A 309-470- 7T	47UF +-20% 50V
C941	64A700J-104-0AT	0.1uF/50V +-5%
C943	64A 44J-152-1AT	1500PF/100V
C945	64A700J-104-0AT	0.1uF/50V +-5%
C946	63A212J-104-2AT	MPE 0.1UF/250V +-5%
C947	67A 309-220- 7T	22UF +-20% 50V
C948	65A 442-470-13T	47PF +-5% NPO 50V
C950	65A 1K-221- 5T	220PF/1KV Y5P+-10%
C955	65A 1K-101- 5T	100PF/1KV Y5P+-10%
C958	67A 309-101- 3T	100UF +-20% 16V
C960	67A 309-229- 7T	2.2UF +-20% 50V
C961	64A 44J-223-1AT	22NF 100V
C965	64A700J-103-0AT	0.01UF 50V +-5%
C990	67A 309-109- 7T	1.0UF +-20% 50V
D104	93A 64- 11-52T	DIODE 1N4148
D105	93A1002- 1P-52T	1N5817
D106	93A 64- 11-52T	DIODE 1N4148
D107	93A 64- 11-52T	DIODE 1N4148
D122	93A 64- 11-52T	DIODE 1N4148
D130	93A1002- 1P-52T	1N5817
D401	93A 64- 11-52T	DIODE 1N4148
D402	93A 64- 11-52T	DIODE 1N4148
D404	93A 64- 11-52T	DIODE 1N4148
D405	93A1002- 1P-52T	1N5817
D406	93A1060- 6P-52T	ER106/PANJIT
D407	93A 60-21W-52T	FR155/WILLAS
D411	93A 64-19G-52T	BAV21/G.I
D412	93A 64- 11-52T	DIODE 1N4148
D418	93A 60-21W-52T	FR155/WILLAS
D419	93A 60-21W-52T	FR155/WILLAS

LOCATION	AMS761U	SPECIFICATION
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D420	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
D422	93A 64- 11-52T	DIODE 1N4148
D432	93A 64- 11-52T	DIODE 1N4148
D433	93A 64- 11-52T	DIODE 1N4148
D434	93A 64- 11-52T	DIODE 1N4148
D436	93A 60-26W-52T	FR107-FW/WILLAS
D446	93A 64- 11-52T	DIODE 1N4148
D450	93A 64- 11-52T	DIODE 1N4148
D460	93A 64- 11-52T	DIODE 1N4148
D463	93A 60-26W-52T	FR107-FW/WILLAS
D470	93A 60-26W-52T	FR107-FW/WILLAS
D471	93A 64- 11-52T	DIODE 1N4148
D601	93A 52-47T-52T	1N4004
D602	93A 64- 11-52T	DIODE 1N4148
D603	93A 64- 11-52T	DIODE 1N4148
D701	61A 172-101-52T	CFR 1000HM+-5% 1/4W
D702	95A 90- 23	TIN COATED
D703	93A 64- 11-52T	DIODE 1N4148
D704	95A 90- 23	TIN COATED
D706	93A 60-44T-52T	RECTIFIER DIODE FR157S
D707	93A 60-44T-52T	RECTIFIER DIODE FR157S
D721	95A 90- 23	TIN COATED
D735	93A 64- 11-52T	DIODE 1N4148
D740	93A1040- 3Z-52T	F.R.D TBA157 1A/400V
D741	93A1040- 3Z-52T	F.R.D TBA157 1A/400V
D910	93A 60-26W-52T	FR107-FW/WILLAS
D911	93A2020- 5-52T	ER202
D912	93A 64- 11-52T	DIODE 1N4148
D913	93A 64- 11-52T	DIODE 1N4148
D914	93A 64- 11-52T	DIODE 1N4148
D917	93A 64- 11-52T	DIODE 1N4148
D926	93A 64- 11-52T	DIODE 1N4148
D929	93A1040- 2-52T	F.R.D UF4004/GIT
D930	93A1040- 2-52T	F.R.D UF4004/GIT
D939	93A 64- 11-52T	DIODE 1N4148
D968	95A 90- 23	TIN COATED
D990	93A 64- 11-52T	DIODE 1N4148
D991	93A 64- 11-52T	DIODE 1N4148
FB050	71A 55- 9- T	FERRITE BEAD 6X3.5X0.8
FB101	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8
FB401	71A 55- 9- T	FERRITE BEAD 6X3.5X0.8
FB402	95A 90- 23	TIN COATED
FB403	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8
FB405	95A 90- 23	TIN COATED
FB901	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8

LOCATION

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SPECIFICATION

FB903	95A 90- 23	TIN COATED
FB904	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8
FB905	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8

FB906	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8	
FB907	95A 90- 23	TIN COATED	
J003	95A 90- 23	TIN COATED	
J004	95A 90- 23	TIN COATED	
J005	95A 90- 23	TIN COATED	
J007	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	
J014	95A 90- 23	TIN COATED	
J015	95A 90- 23	TIN COATED	
J017	95A 90- 23	TIN COATED	
J018	95A 90- 23	TIN COATED	
J019	95A 90- 23	TIN COATED	
J022	95A 90- 23	TIN COATED	
J023	95A 90- 23	TIN COATED	
J024	95A 90- 23	TIN COATED	
J027	95A 90- 23	TIN COATED	FOR S761V
J028	95A 90- 23	TIN COATED	FOR S761V
J030	95A 90- 23	TIN COATED	FOR S761V
J031	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	
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	
J051	95A 90- 23	TIN COATED	
J052	95A 90- 23	TIN COATED	
J053	95A 90- 23	TIN COATED	

LOCATION	AMS761U	SPECIFICATION	
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
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
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
J088	61A 172-102-52T	CFR 1KOHM +-5% 1/4W
J089	95A 90- 23	TIN COATED
J090	95A 90- 23	TIN COATED
J091	95A 90- 23	TIN COATED
J092	95A 90- 23	TIN COATED
J094	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
J107	95A 90- 23	TIN COATED
J109	95A 90- 23	TIN COATED
J110	95A 90- 23	TIN COATED

LOCATION	AMS761U	SPECIFICATION
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
J117	95A 90- 23	TIN COATED
J118	95A 90- 23	TIN COATED
J119	95A 90- 23	TIN COATED

J120	95A 90- 23	TIN COATED
J121	95A 90- 23	TIN COATED
J123	95A 90- 23	TIN COATED
J124	95A 90- 23	TIN COATED
J125	95A 90- 23	TIN COATED
J128	95A 90- 23	TIN COATED
J130	95A 90- 23	TIN COATED
J131	95A 90- 23	TIN COATED
J132	95A 90- 23	TIN COATED
J133	95A 90- 23	TIN COATED
J134	95A 90- 23	TIN COATED
J135	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
J144	95A 90- 23	TIN COATED
J147	95A 90- 23	TIN COATED
J148	95A 90- 23	TIN COATED
J149	95A 90- 23	TIN COATED
J161	95A 90- 23	TIN COATED
J162	95A 90- 23	TIN COATED
J166	95A 90- 23	TIN COATED
JA	95A 90- 23	TIN COATED
JC	95A 90- 23	TIN COATED
JUM1	95A 90- 23	TIN COATED
JUM2	95A 90- 23	TIN COATED
JUM3	95A 90- 23	TIN COATED
JWT1	95A 90- 23	TIN COATED
JWT2	95A 90- 23	TIN COATED
JWT3	95A 90- 23	TIN COATED
L101	73A 53-339-10T	3.3UH +-10%
L102	73A 54-220-10T	22UH +-10%
L907	95A 90- 23	TIN COATED
Q101	57A 420-502- T	3CG733P

FOR S761V

LOCATION	AMS761U	SPECIFICATION
Q401	57A 419-503- T	3DG 945P
Q402	57A 731- 1A- T	2SK2962
Q404	57A 420-502- T	3CG733P
Q405	57A 420-502- T	3CG733P
Q407	57A 419-503- T	3DG 945P
Q408	57A 419-503- T	3DG 945P
Q430	57A 419-503- T	3DG 945P
Q705	57A 498- 3- T	HBF 423
Q708	57A 419-503- T	3DG 945P
Q710	57A 419-503- T	3DG 945P
Q735	57A 498- 3- T	HBF 423
Q741	57A 419-503- T	3DG 945P
Q742	57A 708- 1- T	2SC4002E
Q902	57A 446-500- T	3DG 1213C
Q903	57A 419-503- T	3DG 945P
Q905	57A 420-502- T	3CG733P
Q908	57A 419-503- T	3DG 945P
Q910	57A 419-503- T	3DG 945P
Q912	57A 446-500- T	3DG 1213C
Q913	57A 419-503- T	3DG 945P
Q918	57A 446-501- T	2SC2120Y
Q920	57A 619- 1- T	2SA673AC/HITACHI
Q921	57A 446-500- T	3DG 1213C
Q931	57A 419-503- T	3DG 945P
Q990	57A 419- P- T	TRAN 2SC945P/NEC TAPING
R100	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W
R106	61A 602-303-52T	CFR 30K OHM+-5% 1/6W
R108	61A 602-512-52T	CFR 5.1K OHM+-5% 1/6W
R109	61A 602-512-52T	CFR 5.1K OHM+-5% 1/6W
R110	61A 172-680-52T	CFR 68 OHM +-5% 1/4W
R111	61A 172-680-52T	CFR 68 OHM +-5% 1/4W
R112	61A 602-622-52T	CFR 6.2K OHM +-5% 1/6W
R113	61A 602-203-52T	CFR 20K OHM+-5% 1/6W
R114	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R116	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W
R117	61A 602-101-52T	CFR 100 OHM+-5% 1/6W
R118	61A 602-103-52T	CFR 10K OHM+-5% 1/6W
R119	61A 602-103-52T	CFR 10K OHM+-5% 1/6W
R120	61A 602-222-52T	CFR 2.2K OHM +-5% 1/6W
R122	61A 172-221-52T	CFR 220OHM+-5% 1/4W
R123	61A 602-222-52T	CFR 2.2K OHM +-5% 1/6W
R124	61A 602-152-52T	CFR 1.5K OHM +-5% 1/6W
R125	61A 602-222-52T	CFR 2.2K OHM +-5% 1/6W
R126	61A 172-202-52T	CFR 2KOHM+-5% 1/4W

LOCATION	AMS761U	SPECIFICATION	
R127	61A 172-102-52T	CFR 1K OHM+-5% 1/6W	resistance(2KOHM1/6W for S761V
R128	61A 172-102-52T	CFR 1K OHM+-5% 1/6W	
R130	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W	
R131	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W	1000HM1/6W)for S761V
R132	95A 90- 23	TIN COATED	
R133	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W	
R135	61A 602-152-52T	CFR 1.5K OHM +-5% 1/6W	
R136	61A 602-222-52T	CFR 2.2K OHM +-5% 1/6W	
R138	61A 602-103-52T	CFR 10K OHM+-5% 1/6W	
R139	61A 602-102-52T	CFR 1K OHM+-5% 1/6W	
R140	61A 602-331-52T	CFR 330 OHM+-5% 1/6W	
R141	61A 602-222-52T	CFR 2.2K OHM +-5% 1/6W	
R143	61A 602-101-52T	CFR 100 OHM+-5% 1/6W	
R146	61A 602-103-52T	CFR 10K OHM+-5% 1/6W	
R147	61A 602-103-52T	CFR 10K OHM+-5% 1/6W	
R148	61A 602-103-52T	CFR 10K OHM+-5% 1/6W	
R149	61A 602-103-52T	CFR 10K OHM+-5% 1/6W	
R150	61A 602-103-52T	CFR 10K OHM+-5% 1/6W	
R151	61A 602-103-52T	CFR 10K OHM+-5% 1/6W	
R152	61A 602-302-52T	CFR 3K OHM+-5% 1/6W	
R153	61A 602-332-52T	CFR 3.3K OHM+-5% 1/6W	
R154	61A 602-562-52T	CFR 5.6KOHM+-5% 1/6W	
R155	61A 172-474-52T	CFR 470K OHM +-5% 1/4W	
R156	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W	
R157	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W	
R158	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W	
R159	61A 602-101-52T	CFR 100 OHM+-5% 1/6W	
R160	61A 602-101-52T	CFR 100 OHM+-5% 1/6W	
R161	61A 602-122-52T	CFR 1.2K OHM+-5% 1/6W	
R163	61A 172-682-52T	CFR 6.8K OHM +-5% 1/4W	
R165	61A 602-222-52T	CFR 2.2K OHM +-5% 1/6W	
R167	61A175L-331-52T	CFR 330 OHM +-5% 1/2W	
R170	61A 602-101-52T	CFR 100 OHM+-5% 1/6W	
R171	61A 602-101-52T	CFR 100 OHM+-5% 1/6W	
R172	95A 90- 23	TIN COATED	(1000HM1/6W)for S761V
R173	61A 172-470-52T	CFR 47 OHM +-5% 1/4W	
R174	61A 602-102-52T	CFR 1K OHM+-5% 1/6W	
R175	61A 602-202-52T	CFR 2K OHM+-5% 1/6W	
R181	61A 602-152-52T	CFR 1.5K OHM+-5% 1/6W	
R182	61A 602-331-52T	CFR 330 OHM+-5% 1/6W	
R186	61A 602-202-52T	CFR 2K OHM+-5% 1/6W	
R401	61A 172-205-52T	CFR 2MOHM+-5% 1/4W	
R402	61A 172-103-52T	CFR 10KOHM +-5% 1/4W	
R403	61A 602-101-52T	CFR 100 OHM+-5% 1/6W	
R404	61A 602-101-52T	CFR 100 OHM+-5% 1/6W	

LOCATION	AMS761U	SPECIFICATION
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R405	61A 602-101-52T	CFR 100 OHM+-5% 1/6W
R406	61A 602-101-52T	CFR 100 OHM+-5% 1/6W
R408	61A 172-434-52T	CFR 430K OHM +-5% 1/4W
R411	61A 602-182-52T	CFR 1.8K OHM+-5% 1/6W
R412	61A 210-512-52T	MFR 5.1KOHM +-1% 1/6W
R414	61A 210-132-52T	MFR 1.3K OHM +- 1% 1/6W
R416	61A 172-163-52T	CFR 16K OHM +-5% 1/4W
R417	61A 210-202-52T	MFR 2KOHM +-1% 1/6W
R418	61A 210-472-52T	MFR 4.7K OHM +- 1% 1/6W
R420	61A 172-472-52T	CFR 4.7K OHM +-5% 1/4W
R421	61A175L-102-52T	CFR 1K OHM +-5% 1/2W
R422	61A 602-101-52T	CFR 100 OHM+-5% 1/6W
R423	61A 602-203-52T	CFR 20K OHM+-5% 1/6W
R425	61A 172-101-52T	CFR 100OHM+-5% 1/4W
R427	61A175L-220-52T	CFR 22 OHM +-5% 1/2W
R429	61A175L-100-52T	CFR 10 OHM +-5% 1/2W
R430	61A 172-184-52T	CFR 180KOHM+-5% 1/4W
R431	61A 172-622-52T	CFR 6.2K OHM +-5% 1/4W
R433	61A 172-162-52T	CFR 1.6K OHM +-5% 1/4W
R434	61A 602-392-52T	CFR 3.9K OHM+-5% 1/6W
R436	61A 210-222-52T	MFR 2.2K OHM +- 1% 1/6W
R438	95A 90- 23	TIN COATED
R440	61A 172-242-52T	CFR 2.4KOHM+-5% 1/4W
R441	61A175L-823-52T	CFR 82K OHM +-5% 1/2W
R442	61A175L-102-52T	CFR 1K OHM +-5% 1/2W
R443	61A 172-473-52T	CFR 47K OHM +-5% 1/4W
R447	61A 172-103-52T	CFR 10KOHM +-5% 1/4W
R448	61A 210-433-52T	MFR 43K OHM +- 1% 1/6W
R453	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W
R454	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W
R460	61A 172-472-52T	CFR 4.7K OHM +-5% 1/4W
R461	95A 90- 23	TIN COATED
R462	61A 602-473-52T	CFR 47K OHM+-5% 1/6W
R463	95A 90- 23	TIN COATED
R464	61A 172-102-52T	CFR 1KOHM +-5% 1/4W
R465	61A 172-472-52T	CFR 4.7K OHM +-5% 1/4W
R466	61A 172-104-52T	CFR100K OHM +-5% 1/4W
R471	61A 602-563-52T	CFR 56K OHM +-5% 1/6W
R472	61A 172-224-52T	CFR 220KOHM+-5% 1/4W
R473	95A 90- 23	TIN COATED
R474	61A 172-104-52T	CFR100K OHM +-5% 1/4W
R475	61A 172-103-52T	CFR 10KOHM +-5% 1/4W
R476	61A 172-224-52T	CFR 220KOHM+-5% 1/4W
R480	95A 90- 23	TIN COATED
R492	61A 602-100-52T	CFR 10 OHM +-5% 1/6W

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R493	61A 602-100-52T	CFR 10 OHM +-5% 1/6W
R494	61A 602-100-52T	CFR 10 OHM +-5% 1/6W
R497	95A 90- 23	TIN COATED

R601	61A 171-243-52T	CFR 24KOHM +-2% 1/4W
R602	61A 172-392-52T	CFR 3.9K OHM +-5% 1/4W
R603	61A 200-123-52T	MFR 12KOHM+-1% 1/4W
R604	61A 172-562-52T	CFR 5.6K OHM +-5% 1/4W
R605	61A175L-159-52T	CFR 1.5 OHM +-5% 1/2W
R606	61A175L-181-52T	CFR 180 OHM +-5% 1/2W
R609	61A 200-333-52T	MFR 33KOHM+-1% 1/4W
R610	61A 210-154-52T	MFR 150K OHM +- 1% 1/6W
R611	61A 210-203-52T	MFR 20K OHM +- 1% 1/6W
R613	61A 172-102-52T	CFR 1KOHM +-5% 1/4W
R615	61A 58-450- UT	NTCR450HM+-15%3100K
R616	61A 172-103-52T	CFR 10KOHM +-5% 1/4W
R617	61A 210-433-52T	MFR 43K OHM +- 1% 1/6W
R618	61A 210-154-52T	MFR 150K OHM +- 1% 1/6W
R619	61A 210-364-52T	MFR 360K OHM +- 1% 1/6W
R620	61A 210-323-52T	MFR 32K OHM +- 1% 1/6W
R621	61A 210-154-52T	MFR 150K OHM +- 1% 1/6W
R626	61A 602-183-52T	CFR 18K OHM +-5% 1/6W
R701	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W
R706	61A 602-622-52T	CFR 6.2K OHM +-5% 1/6W
R712	61A 602-331-52T	CFR 330 OHM+-5% 1/6W
R713	61A 602-562-52T	CFR 5.6KOHM+-5% 1/6W
R715	61A 602-103-52T	CFR 10K OHM+-5% 1/6W
R721	61A175L-102-52T	CFR 1K OHM +-5% 1/2W
R722	61A 602-332-52T	CFR 3.3K OHM+-5% 1/6W
R725	61A212Y-124-52T	MGFR 120K OHM 1/2W
R726	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R727	61A175L-103-52T	CFR 10K OHM +-5% 1/2W
R730	61A175L-100-52T	CFR 10 OHM +-5% 1/2W
R733	61A 172-101-52T	CFR 1000HM+-5% 1/4W
R734	61A 172-683-52T	CFR 68K OHM +-5% 1/4W
R735	61A 172-104-52T	CFR100K OHM +-5% 1/4W
R738	61A175L-102-52T	CFR 1K OHM +-5% 1/2W
R739	61A 210-271-52T	MFR 270 OHM +- 1% 1/6W
R740	61A175L-563-52T	CFR 56K OHM +-5% 1/2W
R741	61A175L-563-52T	CFR 56K OHM +-5% 1/2W
R745	61A 602-681-52T	CFR 680 OHM +-5% 1/6W
R747	61A175L-563-52T	CFR 56K OHM +-5% 1/2W
R748	61A 602-223-52T	CFR 22K OHM+-5% 1/6W
R749	61A 602-104-52T	CFR 100K OHM+-5% 1/6W
R750	95A 90- 23	TIN COATED
R751	61A 602-561-52T	CFR 560 OHM +-5% 1/6W

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R752	95A 90- 23	TIN COATED
R770	61A 172-333-52T	CFR 33KOHM+-5% 1/4W
R771	61A 172-102-52T	CFR 1KOHM +-5% 1/4W
R772	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R776	61A 172-102-52T	CFR 1KOHM +-5% 1/4W
R901	61A175L-474-52T	CFR 470K OHM +-5% 1/2W

R902	61A 602-472-52T	CFR 4.7K OHM+-5% 1/6W
R905	61A 602-622-52T	CFR 6.2K OHM +-5% 1/6W
R906	61A 172-100-52T	CFR 100HM+-5% 1/4W
R908	61A175L-150-52T	CFR 15 OHM +-5% 1/2W
R909	61A 172-101-52T	CFR 1000HM+-5% 1/4W
R910	61A 602-913-52T	CFR 91K OHM +-5% 1/6W
R911	95A 90- 23	TIN COATED
R914	61A 172-102-52T	CFR 1KOHM +-5% 1/4W
R915	61A 172-152-52T	CFR 1.5K OHM +-5% 1/4W
R917	61A212Y-474-52T	MGFR 470KOHM +-5% 1/2W
R918	61A212Y-474-52T	MGFR 470KOHM 1/2W
R919	61A 172-103-52T	CFR 10KOHM +-5% 1/4W
R923	61A175L-823-52T	CFR 82K OHM +-5% 1/2W
R928	61A175L-823-52T	CFR 82K OHM +-5% 1/2W
R930	61A 172-102-52T	CFR 1KOHM +-5% 1/4W
R931	61A 200-109-52T	MFR 10HM+-1% 1/4W
R932	61A212Y-104-52T	MGFR 100KOHM 1/2W
R933	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R934	61A 602-122-52T	CFR 1.2K OHM+-5% 1/6W
R935	61A 172-334-52T	CFR 330K OHM +-5% 1/4W
R937	61A 172-151-52T	CFR 150 OHM +-5% 1/4W
R938	61A 172-220-52T	CFR 220HM+-5% 1/4W
R939	61A 172-203-52T	CFR 20KOHM+-5% 1/4W
R940	61A 171-393-52T	CFR 39K OHM +-2% 1/4W
R941	61A 172-151-52T	CFR 150 OHM +-5% 1/4W
R942	61A 172-680-52T	CFR 68 OHM +-5% 1/4W
R944	61A 172-512-52T	CFR 5.1K OHM +-5% 1/4W
R950	61A 602-182-52T	CFR 1.8K OHM+-5% 1/6W
R951	61A 172-221-52T	CFR 2200HM+-5% 1/4W
R952	61A 172-473-52T	CFR 47K OHM +-5% 1/4W
R953	61A 172-303-52T	CFR 30KOHM+-5% 1/4W
R955	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8
R957	61A 172-473-52T	CFR 47K OHM +-5% 1/4W
R958	61A 172-102-52T	CFR 1KOHM +-5% 1/4W
R959	61A 172-333-52T	CFR 33KOHM+-5% 1/4W
R960	61A 172-473-52T	CFR 47K OHM +-5% 1/4W
R962	61A 172-101-52T	CFR 1000HM+-5% 1/4W
R963	61A175L-681-52T	CFR 680 OHM +-5% 1/2W

LOCATION	AMS761U	SPECIFICATION
R966	61A 172-302-52T	CFR 3KOHM+-5% 1/4W
R967	61A 172-273-52T	CFR 27KOHM+-5% 1/4W
R968	61A 172-204-52T	CFR 200KOHM+-5% 1/4W
R969	61A214Y-683-52T	MGFR 68K OHM +-5% 1/4W
R972	61A 172-163-52T	CFR 16K OHM +-5% 1/4W
R979	61A 172-151-52T	CFR 150 OHM +-5% 1/4W
R980	61A 172-221-52T	CFR 220OHM+-5% 1/4W
R981	61A175L-101-52T	CFR 100 OHM +-5% 1/2W
R982	61A 172-103-52T	CFR 10KOHM +-5% 1/4W
R983	61A 172-103-52T	CFR 10KOHM +-5% 1/4W
R985	61A 172-331-52T	CFR 330OHM+-5% 1/4W
R986	61A212Y-106-52T	10MOHM +-5% 1/2W? .
R988	61A 172-223-52T	CFR 22KOHM+-5% 1/4W
R993	61A 172-103-52T	CFR 10KOHM +-5% 1/4W
R994	61A175L-103-52T	CFR 10K OHM +-5% 1/2W
R995	61A 172-393-52T	CFR 39K OHM +-5% 1/4W
R996	61A 602-103-52T	CFR 10K OHM+-5% 1/6W
VR702	95A 90- 23	TIN COATED
ZD110	93A 39-517-52T	TELEFUNKER TZX6V2C
ZD151	93A 39-516-52T	TELEFUNKEN TZX5V1B
ZD420	93A 39-522-52T	TZX20B
ZD702	93A 39-516-52T	TELEFUNKEN TZX5V1B
ZD770	93A 39-529-52T	HZ2B2
ZD901	93A 39-522-52T	TZX20B
ZD905	93A 39-517-52T	TELEFUNKER TZX6V2C
ZD983	95A 90- 23	TIN COATED

PARTS LIST OF CRT PC BOARD

LOCATION	CRS761U ARS761U	SPECIFICATION CRT BOARD
	40A 581- 26-605	LABEL
	87A3504- DL	CRT SOCKET
	705A761V-R56- 1A	IC802 ASS'Y
C830	67A 70-478- 9T	0.47UF +-20% 100V
C835	65A 2M-103- 3A	10000PF 2KV
C837	67A 305-479- 10	4.7UF +-20% 160V
C841	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C843	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
G2	9A 203- 8	BRASS PIN
IC801	56A 539- 2	LM1279N VIDEO PREAMP
J809	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8
P801	33A3278-11A	11P PLUG
P802	33A3278- 9	9 PIN PLUG B9B-XHA/JST
P803	33A3278- 6	6P PLUG B6B-XHA

P804	33A3278- 11	11P PLUG B11B-XHA/JS
R807	61A 208-680- 64	MOFR 68 OHM +-5% 1W
R859	61A152M-101- 64	MOFR 1000HM+-5% 2W

PARTS LIST OF CRT AUTO INS. PC BOARD

LOCATION	ARS761U	SPECIFICATION
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	6A 31- 4	BRASS
	715A 793- 1A	CRPC
C801	67A 305-100- 7T	10UF +-20% 50V
C802	67A 305-100- 7T	10UF +-20% 50V
C803	67A 305-100- 7T	10UF +-20% 50V
C804	64A178J-104- 0T	CL21X0.1UF 50V +-5%
C805	64A178J-104- 0T	CL21X0.1UF 50V +-5%
C806	64A178J-104- 0T	CL21X0.1UF 50V +-5%
C807	67A 305-229- 7T	2.2UF +-20% 50V
C808	67A 309-470- 3T	47UF +-20% 16V
C809	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C812	67A 309-471- 3T	470UF +-20% 16V
C813	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C814	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C815	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C816	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C819	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C820	64A178J-104- 1T	C121X 0.1UF 100V +-5%
C828	67A 70-478- 9T	0.47UF +-20% 100V
C829	67A 70-478- 9T	0.47UF +-20% 100V
C831	67A 309-109- 9T	1UF +-20% 100V
C832	67A 309-109- 9T	1UF +-20% 100V
C833	67A 309-109- 9T	1UF +-20% 100V
C834	65A 450-103- 3T	0.01UF +80-20% 50V
C836	65A 1K-331- 2T	330PF/1KV Z5P+-10%
C842	65A 450-104- 7T	0.1UF +80-20% 50V Y5V
C860	65A 450-103- 7T	10000PF/50V Y5V +80% -20
C861	65A517K-102- 5T	1000PF 500V +-10% Y5P
C862	65A517K-221- 2T	220pF 500V +-10% Z5P
C863	65A 444-102-13T	1000PF +-10% Y5P 50V
C865	65A 442-101- 1T	100PF J NPO 50V
C866	65A 442-101- 1T	100PF J NPO 50V
C870	65A517K-102- 5T	1000PF 500V +-10% Y5P
C872	65A517K-102- 5T	1000PF 500V +-10% Y5P
C873	65A517K-102- 5T	1000PF 500V +-10% Y5P
C887	65A 442-101-13T	100PF +-5% NPO 50V
D801	93A 64- 11-52T	DIODE 1N4148

LOCATION	ARS761U	SPECIFICATION
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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
D807	93A 64- 11-52T	DIODE 1N4148
D808	93A 64-31T-52T	BAV20
D809	93A 64-31T-52T	BAV20
D810	93A 64-31T-52T	BAV20
D811	93A 64-31T-52T	BAV20
D812	93A 64-31T-52T	BAV20
D813	93A 64-31T-52T	BAV20
D814	93A 64-31T-52T	BAV20
D815	93A 64-31T-52T	BAV20
D816	93A 64-31T-52T	BAV20
D817	93A 52- 9T-52T	2A 600V 2A05
D840	93A 64- 11-52T	DIODE 1N4148
D841	93A 64- 11-52T	DIODE 1N4148
D842	93A 64- 11-52T	DIODE 1N4148
FB804	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8
FB815	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8
J801	95A 90- 23	TIN COATED
J802	95A 90- 23	TIN COATED
J803	95A 90- 23	TIN COATED
J804	95A 90- 23	TIN COATED
J805	95A 90- 23	TIN COATED
J806	95A 90- 23	TIN COATED
J807	95A 90- 23	TIN COATED
J808	95A 90- 23	TIN COATED
J810	95A 90- 23	TIN COATED
J811	95A 90- 23	TIN COATED
J812	95A 90- 23	TIN COATED
J814	95A 90- 23	TIN COATED
J815	95A 90- 23	TIN COATED
J817	95A 90- 23	TIN COATED
J818	95A 90- 23	TIN COATED
L801	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8
L805	73A 54-109- 5T	1uH+-5% peaking ciol
L806	73A 54-109- 5T	1uH+-5% peaking ciol
L807	73A 54-109- 5T	1uH+-5% peaking ciol
L808	71A 55- 19- T	FERRITE BEAD 9X3.5X0.8
L809	95A 90- 23	TIN COATED
L810	95A 90- 23	TIN COATED
L811	95A 90- 23	TIN COATED

LOCATION	ARS761U	SPECIFICATION
Q821	57A 493- 10- T	Transistor BF422/phlips
Q822	57A 493- 10- T	Transistor BF422/phlips
Q823	57A 493- 10- T	Transistor BF422/phlips
Q830	57A 498- 1- T	TRAN BF423 taping philip
Q831	57A 498- 3- T	HBF 423
Q832	57A 498- 3- T	HBF 423
R801	61A 602-750-52T	CFR 75 OHM+-5% 1/6W
R802	61A 602-750-52T	CFR 75 OHM+-5% 1/6W
R803	61A 602-750-52T	CFR 75 OHM+-5% 1/6W
R804	61A 602-300-52T	CFR 30 OHM+-5% 1/6W
R805	61A 602-300-52T	CFR 30 OHM+-5% 1/6W
R806	61A 602-300-52T	CFR 30 OHM+-5% 1/6W
R808	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R809	61A 172-225-26T	CFR 2.2MOHM+-5% 1/4W
R810	61A 602-101-26T	CFR 100 OHM+-5% 1/6W
R815	61A 602-391-52T	CFR 390 OHM+-5% 1/6W
R816	61A 602-391-52T	CFR 390 OHM+-5% 1/6W
R817	61A 602-391-52T	CFR 390 OHM+-5% 1/6W
R818	61A 172-101-52T	CFR 100OHM+-5% 1/4W
R819	61A 172-101-52T	CFR 100OHM+-5% 1/4W
R820	61A 172-101-52T	CFR 100OHM+-5% 1/4W
R823	61A 172-820-52T	CFR 82 OHM +-5% 1/4W
R824	61A 172-820-52T	CFR 82 OHM +-5% 1/4W
R825	61A 172-820-52T	CFR 82 OHM +-5% 1/4W
R826	61A 172-751-26T	CFR 750 OHM +-5% 1/4W
R831	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R832	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R833	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R840	61A 172-222-26T	CFR 2.2KOHM+-5% 1/4W
R841	61A 172-223-26T	CFR 22KOHM+-5% 1/4W
R842	61A 172-223-26T	CFR 22KOHM+-5% 1/4W
R843	61A 172-222-26T	CFR 2.2KOHM+-5% 1/4W
R844	61A 172-223-26T	CFR 22KOHM+-5% 1/4W
R845	61A 172-222-26T	CFR 2.2KOHM+-5% 1/4W
R846	61A 172-224-26T	CFR 220KOHM+-5% 1/4W
R847	61A 172-224-26T	CFR 220KOHM+-5% 1/4W
R848	61A 172-224-26T	CFR 220KOHM+-5% 1/4W
R849	61A 172-224-26T	CFR 220KOHM+-5% 1/4W
R850	61A 172-224-26T	CFR 220KOHM+-5% 1/4W
R851	61A 172-224-26T	CFR 220KOHM+-5% 1/4W
R855	61A175L-101-52T	CFR 100 OHM +-5% 1/2W
R856	61A175L-101-52T	CFR 100 OHM +-5% 1/2W
R857	61A175L-101-52T	CFR 100 OHM +-5% 1/2W

LOCATION	ARS761U	SPECIFICATION
R858	95A 90- 23	TIN COATED
R860	61A175L-104-52T	CFR 100K OHM +-5% 1/2W
R866	61A 602-101-26T	CFR 100 OHM+-5% 1/6W
R867	61A 602-101-26T	CFR 100 OHM+-5% 1/6W
R868	61A 602-101-26T	CFR 100 OHM+-5% 1/6W
R870	61A 172-102-26T	CFR 1KOHM+-5% 1/4W
R872	61A 172-102-26T	CFR 1KOHM+-5% 1/4W
R873	61A 172-102-26T	CFR 1KOHM+-5% 1/4W
R886	61A 602-222-52T	CFR 2.2K OHM +-5% 1/6W
R887	61A 602-222-52T	CFR 2.2K OHM +-5% 1/6W
R888	61A 602-222-52T	CFR 2.2K OHM +-5% 1/6W
R891	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R892	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R893	61A 602-102-52T	CFR 1K OHM+-5% 1/6W
R894	61A 602-561-52T	CFR 560 OHM +-5% 1/6W
R895	61A 602-561-52T	CFR 560 OHM +-5% 1/6W
R896	61A 602-561-52T	CFR 560 OHM +-5% 1/6W
ZD801	93A 39-514-52T	HZ9A3 ZENER DIODE

PARTS LIST OF IC802 ASS'Y

LOCATION	PARTS No.	SPECIFICATION
IC802	90A 315-500	HEAT SINK
	M1A1730- 6-128	SCREW M3x6
	56A 551- 2	LM2439T

PARTS LIST OF IC601 ASS'Y

LOCATION	PARTS No.	SPECIFICATION
IC601	5A 42-501	WASHER
	12A 372- 1	SILICONE RUBBER
	90A 348-501	HEAT SINK
	M1A1730- 10-128	SCREW M3x10
	56A 574- 1	TDA9302H BY SGS

PARTS LIST OF IC101 ASS'Y

LOCATION	PARTS No.	SPECIFICATION
C108	65A 442-220-13T	22PF +-5% NPO 50V
IC101	56A1125-510	WT62P1
IC102	56A1133- 11	24LC04B/P
IC105	56A1131-503	OSD IC MTV018N04 mysom
X101	93A 22- 43- H	12MHz

PARTS LIST OF IC101 ASS'Y

LOCATION	PARTS No.	SPECIFICATION
IC101	56A1125- 10- I	NT68P61A
IC102	56A1133- 11	24LC04B/P
IC105	56A1131- 7	NT6828-00013 16 PIN OSD
X101	93A 22- 22- PT	HC-49U 8MHz Crystal

PARTS LIST OF Q403/Q406/D408 ASS'Y

LOCATION	PARTS No.	SPECIFICATION	
	5A 42-501	WASHE	MTG Q406
	12A 372- 1	SILICONE RUBBER	MTG Q406
	32A3028- 8	MICA	
	90A 363-518- P	HEAT SINK	
	M1A1130- 8-128	SCREW 3.0X8	
	M1A1730- 10-128	SCREW M3x10	
D408	93A 220- 12	FMP-2FUR 1500/600V 5A SA	
HS2	95A205T- 30-05A	WIRE	
HV1	95A205T- 30-042	WIRE	
Q403	57A 706- 7	2SC5521Z	
Q406	57A 415-500	TIP122 S.T	
R428	61A153M-508- 59	MOFR 0.5 OHM+-5% 3W	

PARTS LIST OF Q901 ASS'Y

LOCATION	PARTS No.	SPECIFICATION
	90A 348-515	HEAT SINK
	M1A1730- 10-128	SCREW M3x10
Q901	57A 724- 6	STP7NC70ZFP

PARTS LIST OF Q911 ASS'Y

LOCATION	PARTS No.	SPECIFICATION
Q911	5A 42-501	WASHER
	12A 372- 1	SILICONE RUBBER
	90A 231- 2	HEAT SINK
	M1A1730- 8-128	SCREW M3x8
	57A 600- 26	IRF634

PARTS LIST OF NR901 ASS'Y

LOCATION	PARTS No.	SPECIFICATION
NR901	9A 203- 8	BRASS PIN
	96A 29- 4	PLASTIC TUBEL
	61A 58- 8- L	NTCR150HM+-20%2.5A

PARTS LIST OF AC SOCKET ASS'Y

LOCATION	PARTS No.	SPECIFICATION
CN901	87A 501- 6	RECEPTACLES
	96A 29- 6-190	H.S. TUBING DIA.4.0MM
	95A205S-354-043	WIRE



PARTS LIST OF D919 ASS'Y

LOCATION	PARTS No.	SPECIFICATION
D919	71A 55- 2	FERRITE BEAD 6.5*5*1.7
	90A 360-501	HEAT SINK
	93A3040- 8T	RG-4

PARTS LIST OF Q431 ASS'Y

LOCATION	PARTS No.	SPECIFICATION
Q431	2A6003- 1	SCREW NUT
	90A6015- 1	HEAT SINK
	M1A1730- 7-128	SCREW
	57A 600- 21	IRF630M/S.T

PARTS LIST OF Q428 ASS'Y

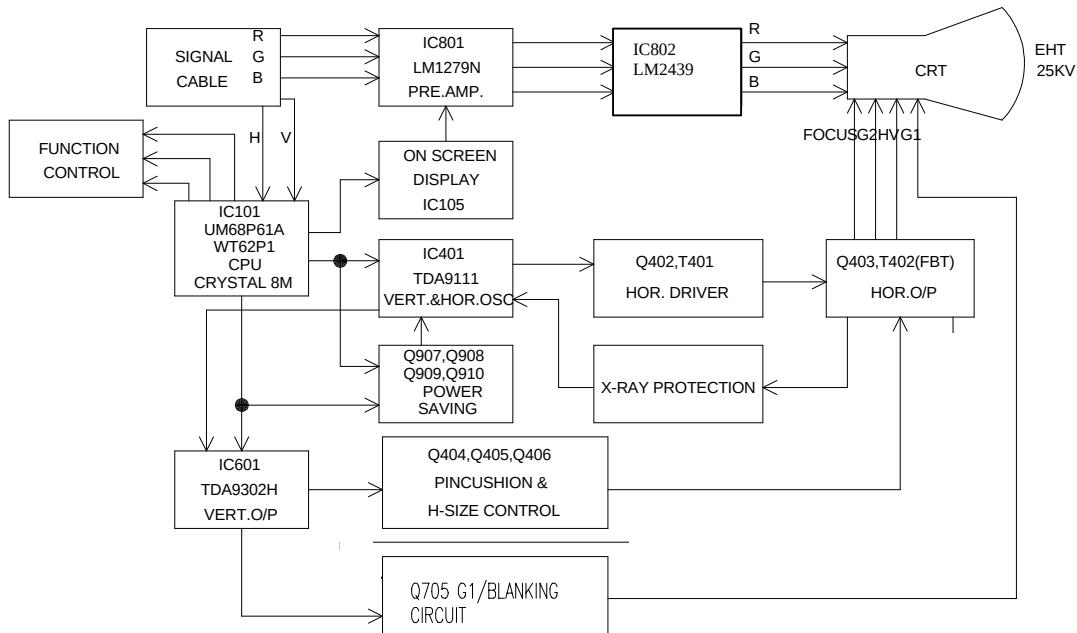
LOCATION	PARTS No.	SPECIFICATION
Q428	2A6003- 1	SCREW NUT
	5A 42-501	WASHER
	12A 372- 1	SILICONE RUBBER
	90A6015-500	HEAT SINK
	M1A1730- 8-128	SCREW M3x8
	57A 600- 21	IRF630M/S.T

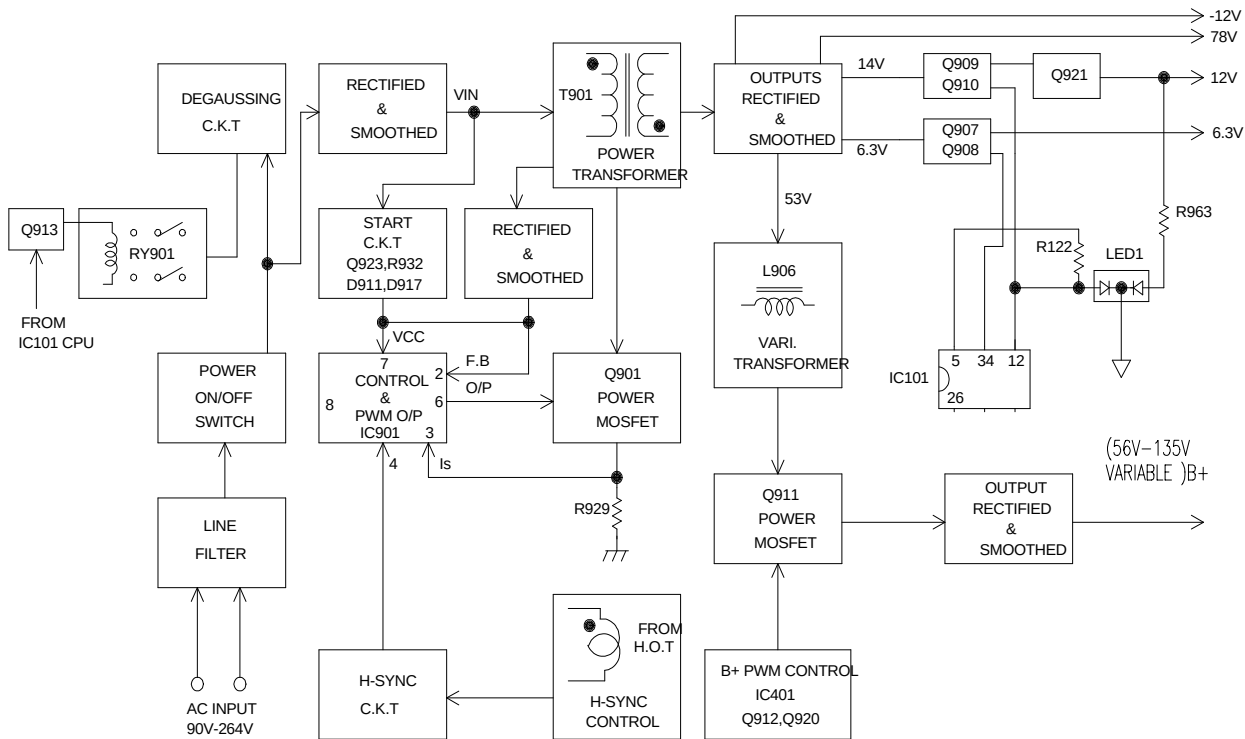
PARTS LIST OF CRT ALTERNATION

LOCATION	PARTS No.	SPECIFICATION
	750A5855-6AV	CPT 17"0.27 TCO CRT DLY
	C450 95A 90- 23	TIN COATED
	C480 95A 90- 23	TIN COATED
	C609 64A176J-123- 1T	12nF 100V MPE
	CN903 33A3803- 3	WAFER EH-E
	D626 93A 64- 11-52T	DIODE 1N4148
	R490 61A 210-183-52T	MFR 18K OHM +- 1% 1/6W
	R614 61A 602-333-52T	CFR 33K OHM+-5% 1/6W
	T402 79A 761- 1- A	SAMPO FBT
	TP403 95A201F- 50-162	16" PULSE

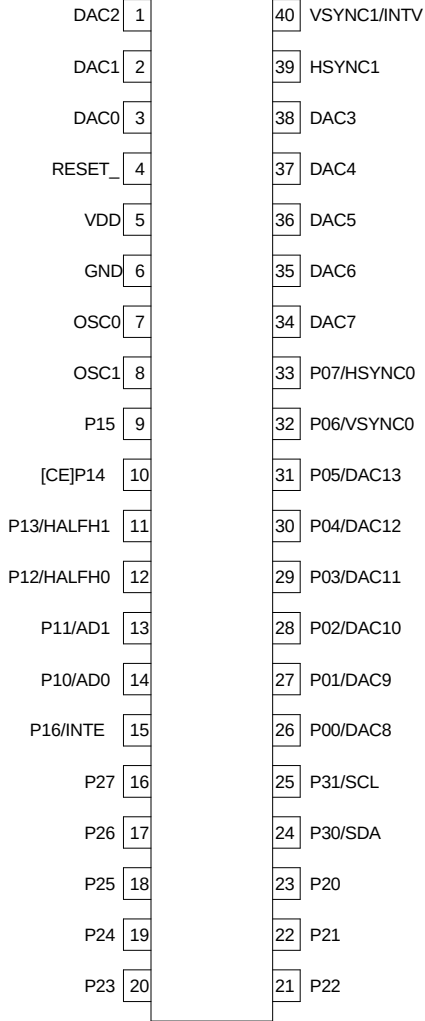
PARTS LIST OF CRT ALTERNATION

LOCATION	PARTS No.	SPECIFICATION
	750A5855-6AV	CPT 17"0.27 TCO CRT DLY
	C450 65A 1K-101- 5T	100PF/1KV Y5P+-10%
	C480 95A 90- 23	TIN COATED
	C609 64A176J-123- 1T	12nF 100V MPE
	CN903 33A3803- 3	WAFER EH-E
	D626 93A 64- 11-52T	DIODE 1N4148
	R490 61A 210-183-52T	MFR 18K OHM +- 1% 1/6W
	R614 61A 602-333-52T	CFR 33K OHM+-5% 1/6W
	T402 79A 761- 1- A	SAMPO FBT
	TP403 95A201M- 50-142	14" PULSE

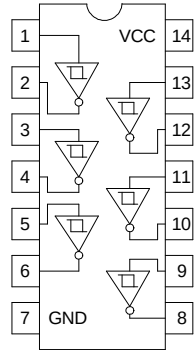


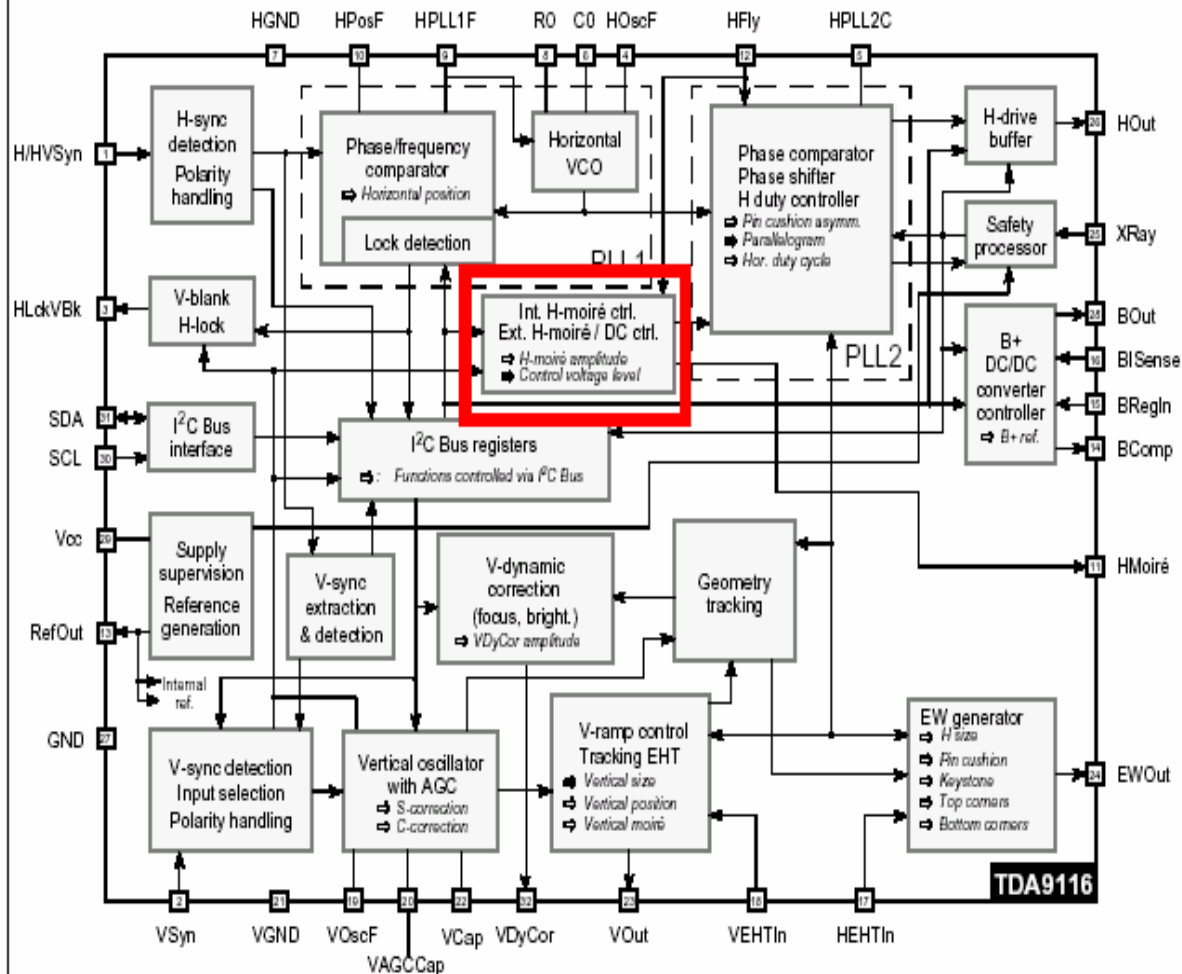


IC101
UM6861/WT62P1

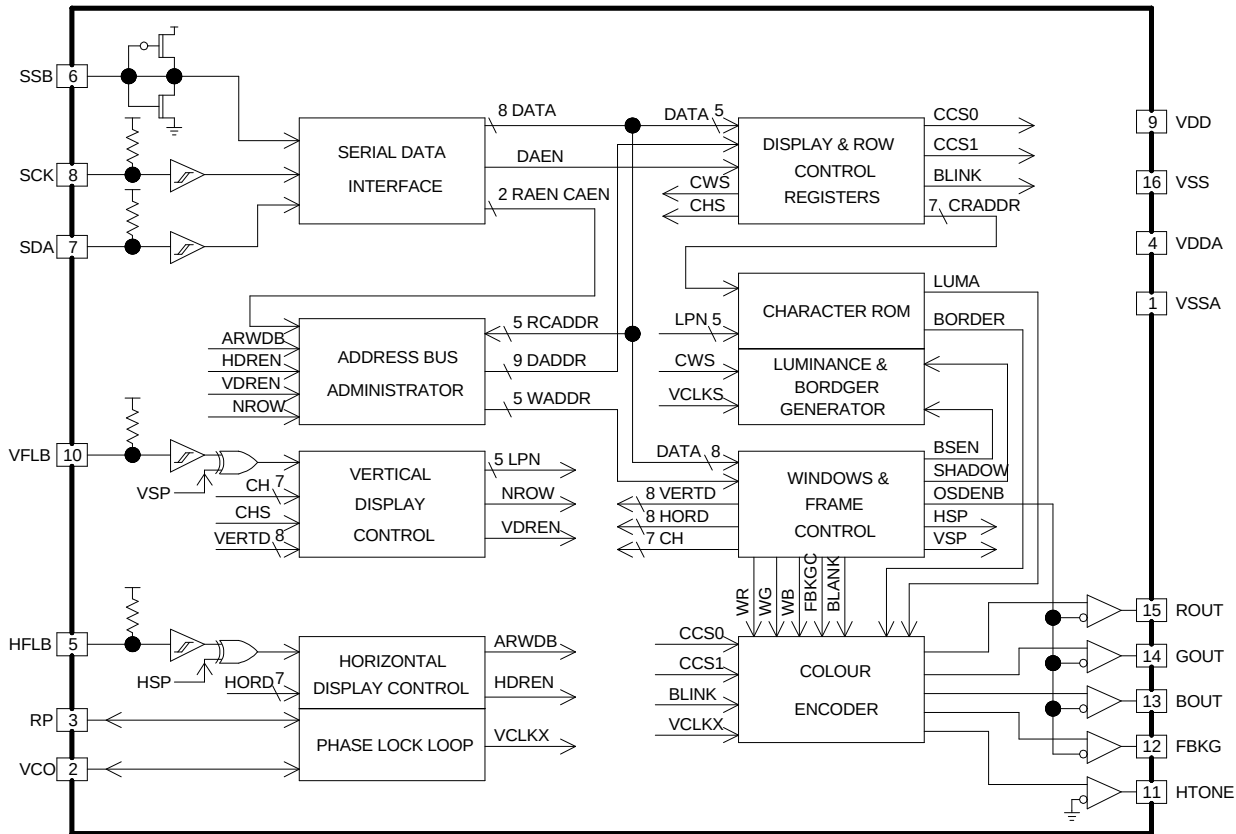


IC104
74LS14

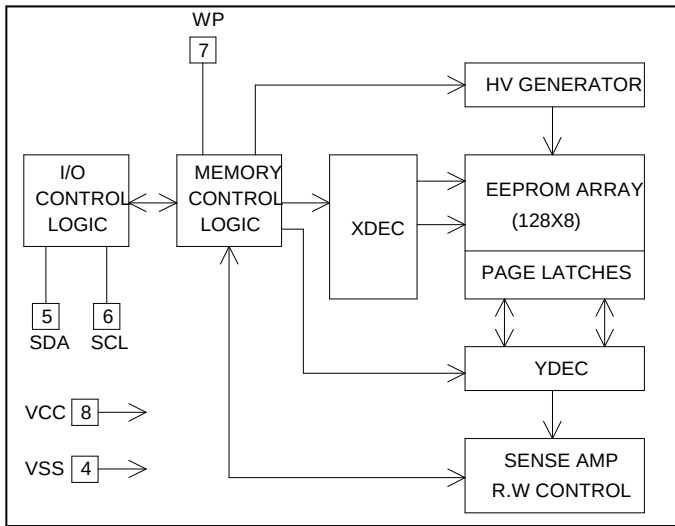




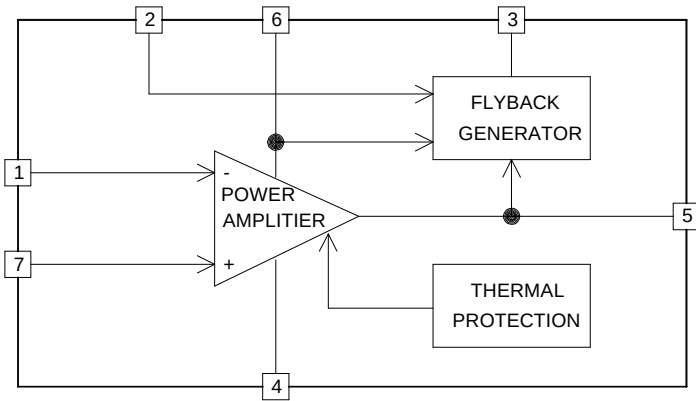
IC105 MTV016



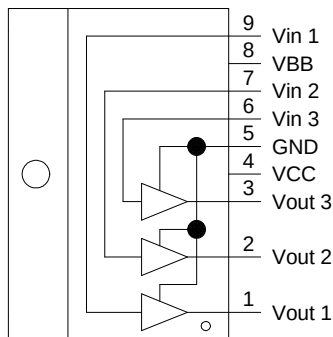
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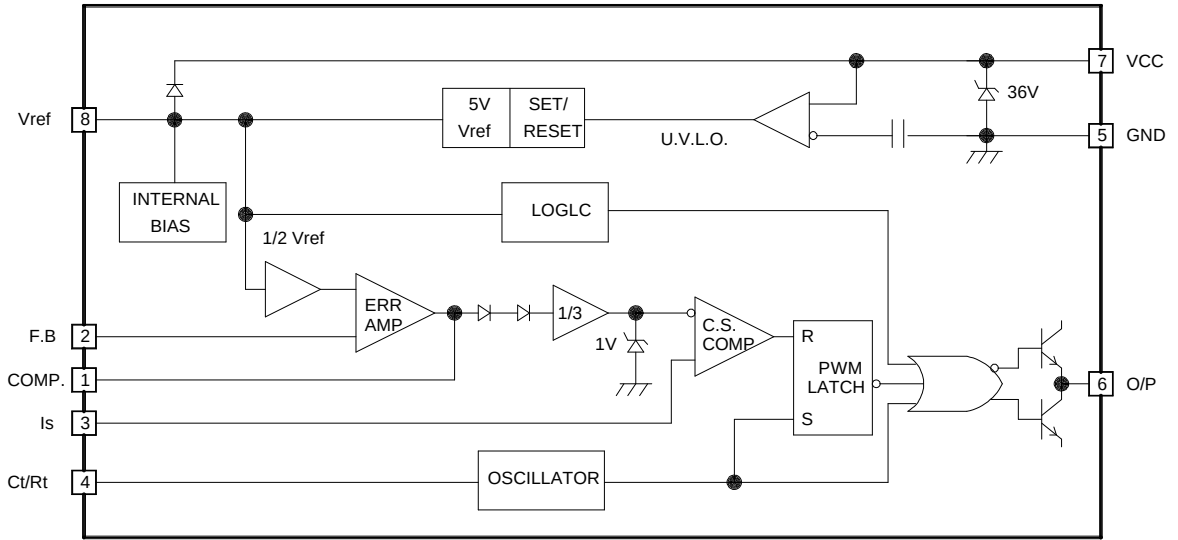
IC601 TDA9302H



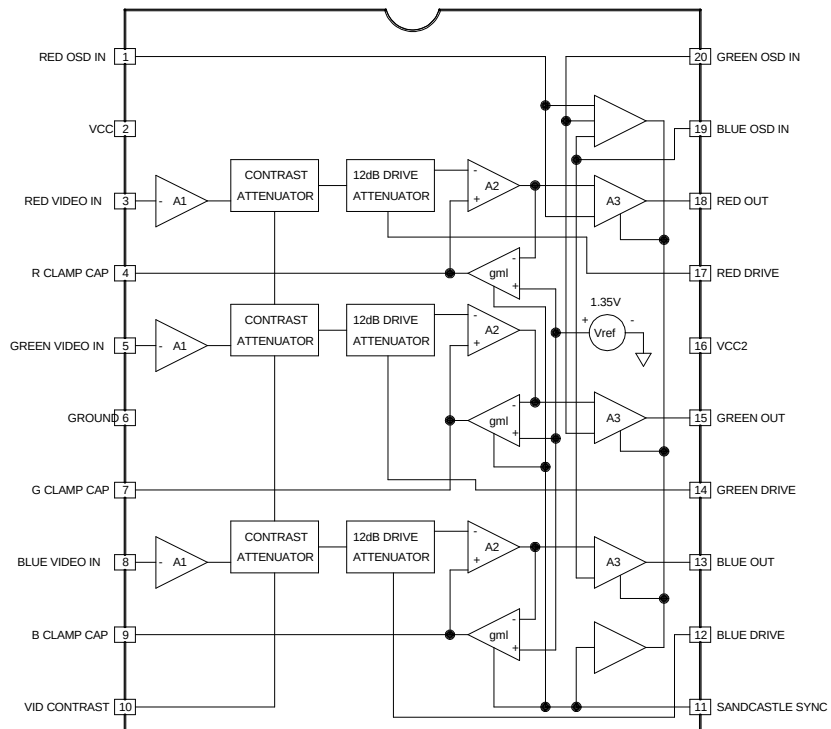
IC802
LM2438



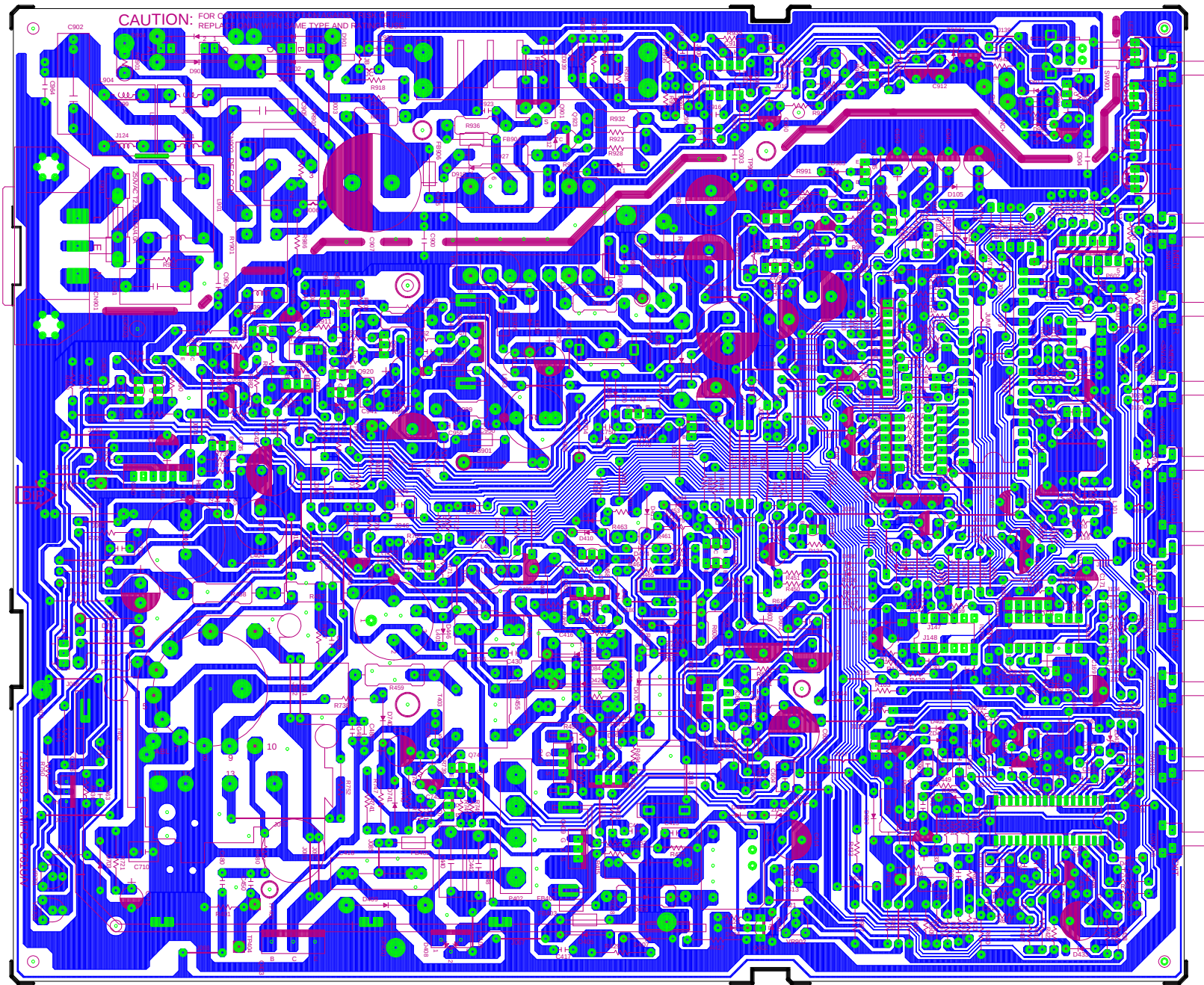
IC901 3842

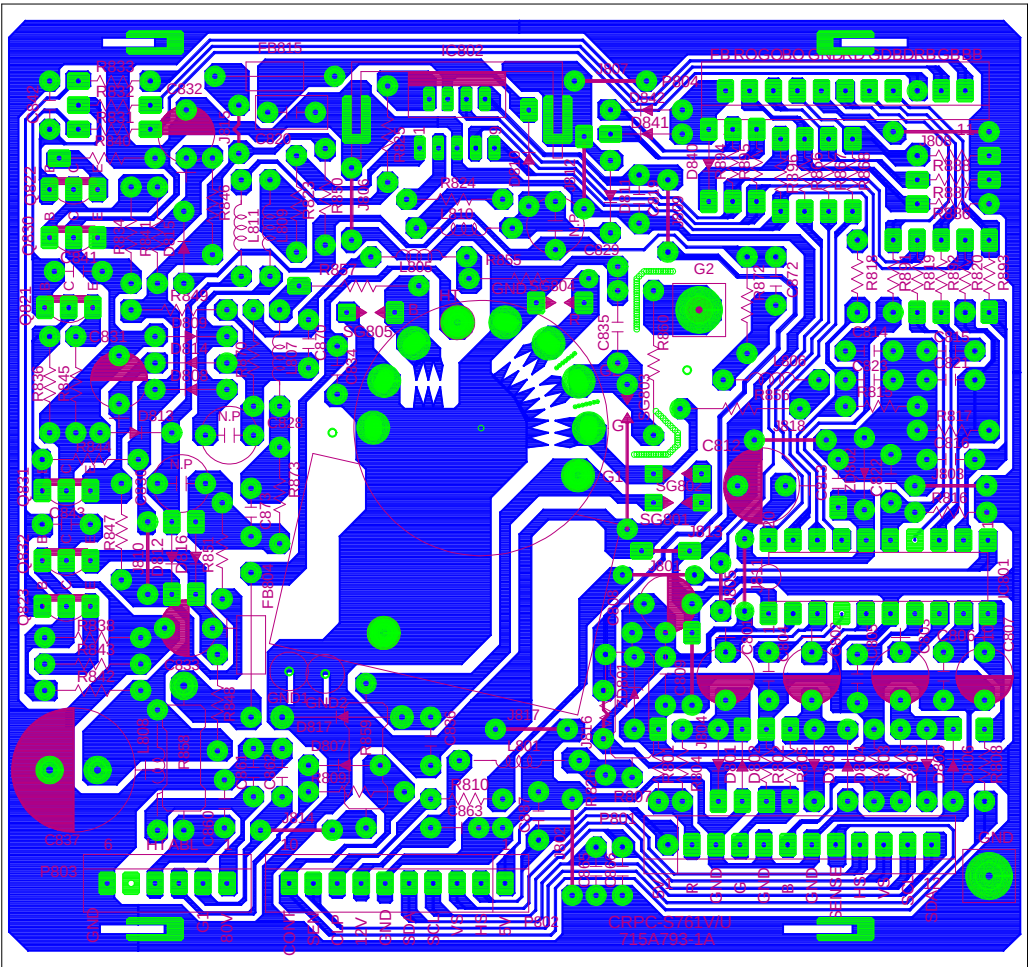


IC801 LM1279N



CAUTION: FOR C
REPLA
ME TYPE AND P





11-3 KEPC BOARD LAYOUT

