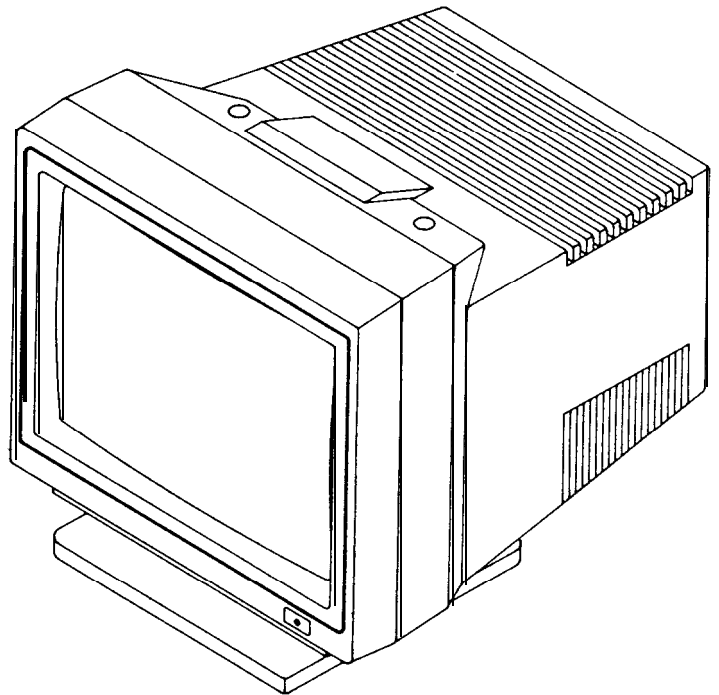


# **CM-736**

## **17" MICRO CONTROLLED COLOR MONITOR**

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**M621**



**AOC**

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## 1. SPECIFICATIONS FOR CM-736 COLOR MONITOR

CRT:	Size:	17-inch Diagonal Flat Square Type
	Dot Pitch:	0.26mm/0.28mm
	Screen:	Non-Glare Screen; anti-static; VLMF (OPTION)
	Deflection:	90° Degree
DISPLAY:	Size:	(300± 10)mm X (225± 15)mm; External Adjustable
	Color Processing Capability:	Unlimited Color (Depend on Interface Card and Software Program)
	Resolution:	Up to 1280 X 1024
	Video Bandwidth:	125 MHz/(-3 dB)
INPUT SIGNAL:	Video Signal:	R.G.B. Analog 0.7 Vpp or 1.0 Vpp; 75 ohm
	Sync. Signal Type:	H.V. Separated, TTL; or H.V. Composite, TTL; or Sync. on Green 0.3 Vpp (for Video 0.7 Vpp) and 0.43 Vpp (for Video 1.0 Vpp)
POWER SOURCE:	Power Supply:	AC 90V ~264V, 50Hz/60Hz, Auto-Range
	Power Consumption:	130W Max.
OPERATING CIRCUMSTANCE:	Operating Temperature:	5° to 40° Ambient
	Humidity:	20% to 85% Relative, Non-Condensing
DIMENSIONS:	Monitor:	356(W) X 249(H) X 385(D) mm
	Carton :	455(W) X 450(H) X 460(D) mm
WEIGHT:	Net (Gross):	48.2 (52.8) Lbs
EXTERNAL CONNECTION	Signal Line:	15 Pin D-type Connector or BNC Connector

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## 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. 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 screwheads. 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 0.15mfd, 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 0.15mfd 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 2.8 volts RMS. This corresponds to 2 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 1W of metal oxide film resistor) in circuit board, keep the resistor about 5mm 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

**26KV $\pm$  1KV**

with a line voltage of 120/240V AC. 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 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).

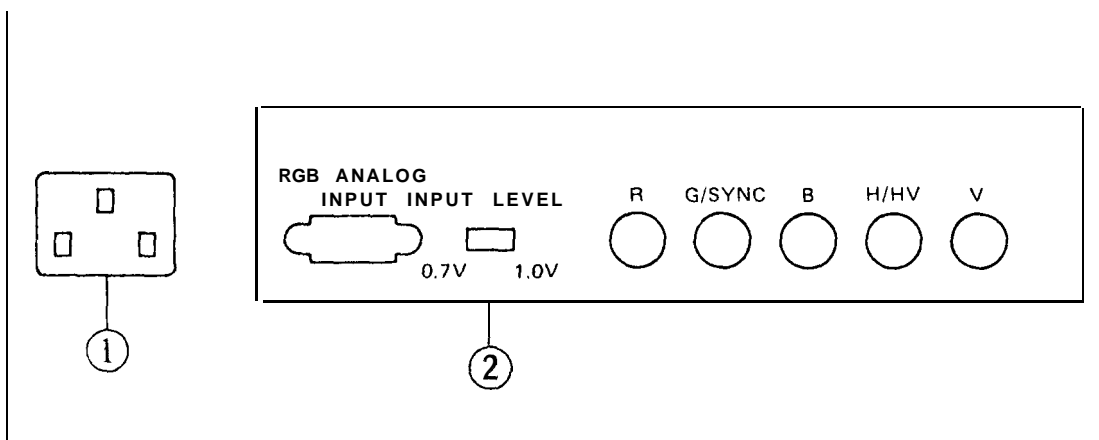
The picture tube used in this monitor employs integral implosion protection. Replace with tube of the same type number for continued safety. Do not lift picture tube by the neck. Handle the picture tube only after discharging the high voltage completely.

### 3. OPERATION

#### 3 - I OPERATION INSTRUCTIONS

Follow these step-by-step instructions for proper monitor installation.

1. Be sure that the power switch is in the "Off" position before plugging in the power cord and applying any AC power.

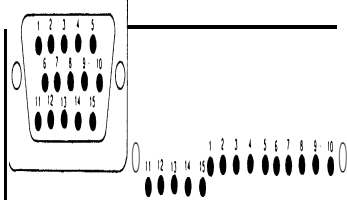


- ① AC SOCKET.
- ② BNC 0.7V/1.0V INPUT LEVEL SWITCH.

2. Plug the power cord into the inlet socket after Step (1) has been verified. The diagram shown above (rear view of exterior) shows proper hookup location of inlet socket (marked as ① in the diagram).
3. Connect the signal cable terminals. One end to the monitor, the other end to the computer and/or other signal source (Please don't connect BNC type and D-SUB type cables simultaneously).
4. The input level "0.7V" or "1.0V" (marked as ② in the above diagram) is determined by the installed display card. (Please refer to the Owner's Manual of your display card).
5. After the above steps have been performed, you can now press your power switch to the "On" position and enjoy your High Resolution Color Monitor.

3-2 D-SUB/BNC CONNECTOR

A D-SUB 15 PIN CONNECTOR

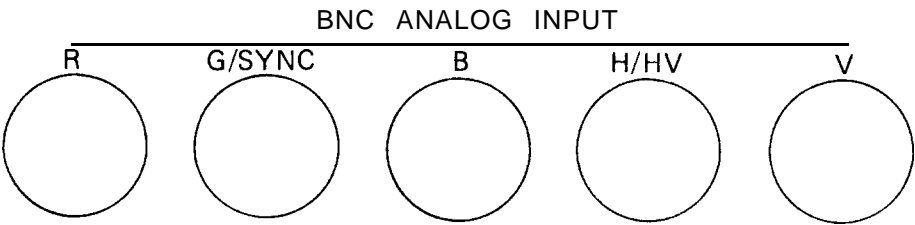


11 14 GND G B NC

10 7 8 6 GND GND GND GND NC

- 11 GND
- 12 NC
- 13 H.SYNC
- 14 V.SYNC
- 15 NC

B. BNC ANALOG SIGNAL






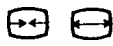



CONNECTOR	SYNC, ON GREEN	COMPOSITE SYNC	SEPARATE SYNC
R	RED	RED	RED
G/SYNC	H/V SYNC ON GREEN	GREEN	GREEN
B	BLUE	BLUE	BLUE
H/HV	-	H/V SYNC	H-SYNC
V	-	-	V-SYNC

- : means NO-CONNECTION
- H : means HORIZONTAL
- V : means VERTICAL
- H/V : means COMPOSITE SYNC

## 4. TIMING DIAGRAM & TABLE

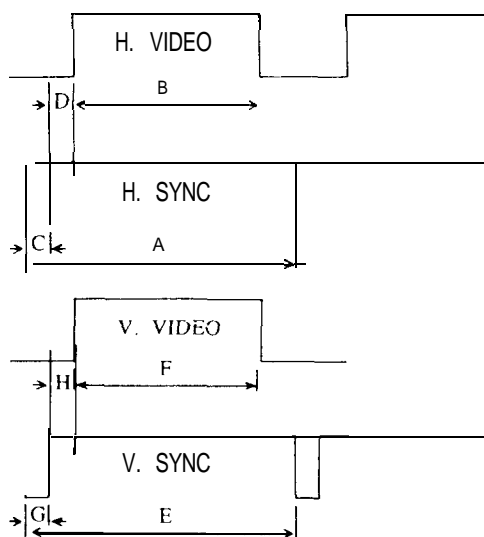
### 4-1 External control

SYMBOL	ITEM	DESCRIPTION
	1 POWER SWITCH	– CONTROLS ON/OFF POWER TO THE MONITOR
	2 ON/OFF INDICATOR	– LED (WHEN LIT) GIVES VISUAL CONFIRMATION OF POWER ON
	3 CONTRAST	– ADJUSTS THE CHROMA CONTRAST (INTENSITY) OF THE PICTURE
	4 BRIGHTNESS	– ADJUSTS THE ILLUMINANCE OF THE PICTURE
	5 6 H-CENTER	– ADJUSTS THE H-PHASE (HORIZONTAL PLACEMENT) OF THE PICTURE
	7 8 H-SIZE	– ADJUSTS THE H-SIZE (WIDTH) OF THE PICTURE
	9 10 V-CENTER	– ADJUSTS THE V-PHASE (VERTICAL PLACEMENT) OF THE PICTURE
<b>mm</b>	11 12 V-SIZE	– ADJUSTS THE V-SIZE (HEIGHT) OF THE PICTURE
DEGAUSS	13 DEGAUSSING	– IMPROVES AND MAINTAINS OVERALL PICTURE PURITY

### 4-2 Digital Features

1. This monitor has adapted an advanced CPU to control the H-CENTER, the H-SIZE, the V-CENTER, the V-SIZE, and it will auto memory the image features whenever the user changed them.
2. This monitor includes fourteen sets of factory preset timing (See the following table) and twenty-one sets of user's new timing.

#### TIMING DIAGRAM



- A = HORI. SYNC. PERIOD.
- B = HORI. ACTIVE TIME.
- C = HORI. SYNC. WIDTH.
- D = HORI. BACK PORCH.
- E = VERT. SYNC. PERIOD.
- F = VERT. ACTIVE TIME.
- G = VERT. SYNC. WIDTH.
- H = VERT. BACK PORCH.

## TIMING TABLE

MODE	TIMING	A (μS)	B (μS)	C (μS)	D (μS)	E (mS)	F (mS)	G (mS)	H (mS)	H-SYNC POLARITY	V-SYNC POLARITY	HORL FREQUENCY
1.	VGA 350	31.916	25.42	3.813	1.765	14.33	11.171	0.064	1.915	POSITIVE	NEGATIVE	31.47KHz
2.	VGA 400	31.916	25.42	3.813	1.765	14.33	12.766	0.064	1.117	NEGATIVE	POSITIVE	31.47KHz
3.	VGA 480	31.776	25.421	3.813	1.748	16.682	15.252	0.064	1.049	NEGATIVE	NEGATIVE	31.47KHz
4.	800 x 600 (-	28.444	22.222	2.00	3.444	17.778	17.066	0.057	0.626	x	x	35.156KHz
5.	8514A INTERLACE	28.146	22.802	3.919	1.158	11.498	10.808	0.113	0.563	x	x	35.528KHz
6.	UVGA 640 x 400	26.413	20.317	1.27	4.063	11.886	10.565	0.079	1.004	NEGATIVE	POSITIVE	37.86KHz
7.	UVGA 640 x 350	26.413	20.317	1.27	4.063	11.886	10.565	0.079	1.004	POSITIVE	NEGATIVE	37.86KHz
8.	UVGA 640 x 480	26.413	20.317	1.27	4.003	11.886	10.565	0.079	1.004	POSITIVE	POSITIVE	37.86KHz
9.	800 x 600 (=)	26.40	20.00	3.20	2.10	16.579	15.840	0.106	0.634	x	x	37.879KHz
10.	1024 x 768	20.662	15.542	2.06	2.521	16.654	15.951	0.124	0.475	x	x	48.399KHz
11.	8514A NON-INTERLACE	20.651	15.667	2.303	1.251	13.754	12.432	0.124	0.475	x	x	48.432KHz
12.	VESA 1024 4 768	17.707	13.653	1.813	1.920	14.272	13.599	0.106	0.478	x	x	56.476KHz
13.	64K	15.686	11.620	1.489	1.997	16.737	16.062	0.047	0.596	x	x	63.750KHz
14.	75K	13.292	9.846	1.815	0.769	14.222	13.611	0.186	0.426	x	x	75.23KHz

( x : Don't care positive or negative)

- When the new timing be traced, the CPU will auto memory it. And this monitor able to memory twenty-one sets of new timing at the same time.
- When twenty-one sets of new timing are full of the memory and the twenty-second new timing be inputted. The CPU will erase the first new timing which will be replaced by the twenty-second new timing, and so on ... (that is say, this monitor can support unlimited new timings).

## 5. ADJUSTMENT

### 5 - I 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.

### 5 - 2 MAIN ADJUSTMENTS

NO.	FUNCTION	LOCATION	DESIGNATION
1.	B+ 130V ADJ.		V R900
2.	B+ 39.5V ADJ.		VR960
3.	Fail Safe 9.3V ADJ.		VR805
4.	F/V ADJ. 12.5 V ADJ.		VR801
5.	F/V ADJ. 10V ADJ.		VR603
6.	Cathode Cutoff -25V ADJ.		VR701
7.	Free Running 57K		VR802
8.	Free Running 35K		VR803
9.	Raster Centering ADJ. (48K)		VR810
10.	Pincushion Phase		VR602
11.	Pincushion Gain		VR604
12.	Vertical Linearity		VR601
13.	White Balance of Raster		V R 404,405,406
14.	White Balance of Bright		VR401,402,403
15.	Focus ADJ.		Focus VR.
16.	H/V Limit		VR805

### 5-3 EXTERNAL CONTROLLED FUNCTION

	ITEM	DESCRIPTION
1	POWER SWITCH	- CONTROLS ON/OFF POWER TO THE MONITOR.
2	ON/OFF INDICATOR	- LED (WHEN LIT) GIVES VISUAL CONFIRMATION OF POWER ON.
3	CONTRAST	- ADJUSTS THE CHROMA CONTRAST (INTENSITY) OF THE PICTURE.
4	BRIGHTNESS	-ADJUSTS THE ILLUMINANCE OF THE PICTURE.
5	H-CENTER	- ADJUSTS THE H-PHASE (HORIZONTAL PLACEMENT) OF THE PICTURE.
6	H-SIZE	- ADJUSTS THE H-SIZE (WIDTH) OF THE PICTURE.
7	V-CENTER	- ADJUSTS THE V-PHASE (VERTICAL PLACEMENT) OF THE PICTURE.
B	V-SIZE	- ADJUSTS THE V-SIZE (HEIGHT) OF THE PICTURE.
9	DEGAUSSING	- IMPROVES AND MAINTAINS OVERALL PICTURE PURITY.

### 5-4 ALIGNMENT PROCEDURES

Adjustment Conditions and Precautions:

- (1) Power supply voltage: AC 90 ~264V; 50/60 Hz.
- (2) Warm up time:  
The display must be power ON for at least 20 minutes before starting alignments. This is especially critical in color temperature and white balance adjustments.
- (3) Signals: reference the front detail specifications and timing table.  
Video: reference the front detail specifications.

#### 1. Switching Regulator Unit:

Conditions: (a) Set timing in Mode 3 (31K)  
(b) H-size, brightness, and contrast be set to Max. position.

- (1) High voltage already has been set to 26 KV (caution: Do not touch the VR807).
- (2) Video B+  
adjust VR901 to be 130 VDC.
- (3) F.B. voltage (TP 807-GND voltage)  
adjust VR960 to be 39.5 VDC.

## **2. Interior General Adjustment:**

**Conditions:** (a) Set timing in Mode 14 (75K)

(b) H-size VR be set in Max. position; brightness and contrast VR be set in Min. position.

(1) Fail safe (TP804 – GND voltage)  
adjust VR805 to be 9.3 VDC.

(2) H F/V reference voltage (TP803 – GND voltage)  
adjust VR801 to be 12.5 VDC.

(3) V F/V reference voltage (TP601 – GND voltage)  
adjust VR603 to be 10 VDC.

**Conditions':** (a) Set timing in Mode 14 (75K)

(b) H-size and brightness be set in Max. position; contrast be set in Min. position.

(4) Cathode cutoff (TP703 – GND voltage)  
adjust VR703 to be -25 VDC.

## **3. Free Running:**

(1) Timing Model 2 (57K)(Connect the pin between TP801 and TP802)  
adjust VR802 till the image are clear and not slanting to left or right.

(2) Timing Mode 4 (35K) (Connect the pin between TP801 and TP802)  
adjust VR803 till the image are clear and not slanting to left or right.

## **4. RASTER CENTERING:**

**Conditions:** (a) Set the H-size VR in Min. position.

(b) Set the timing in Mode 11 (48.3K)

Adjust the VR810 till the raster in the center (if fail, reverse the H16 connector and try again).

## **5. Pincushion Adjustment**

**Condition:** (a) Set timing in Model 1(48.3K)

(b) adjust external VR to make the V-size height to be  $225 \pm 15$  mm.

(1) Side pincushion

adjust VR602 (correct the symmetry of side pincushion) and VR604 (correct the vertical straight lines of both side).

**6. Vertical Linearity Adjustment.**

**Conditions: (a) Set timing in Mode 12 (57K)**

**(b) Set the image in crosshatch pattern.**

**(1) Vertical Linearity.**

**adjust VR602 to make the top and bottom cell are equal in vertical height,**

**7. Adjustment of White Balance**

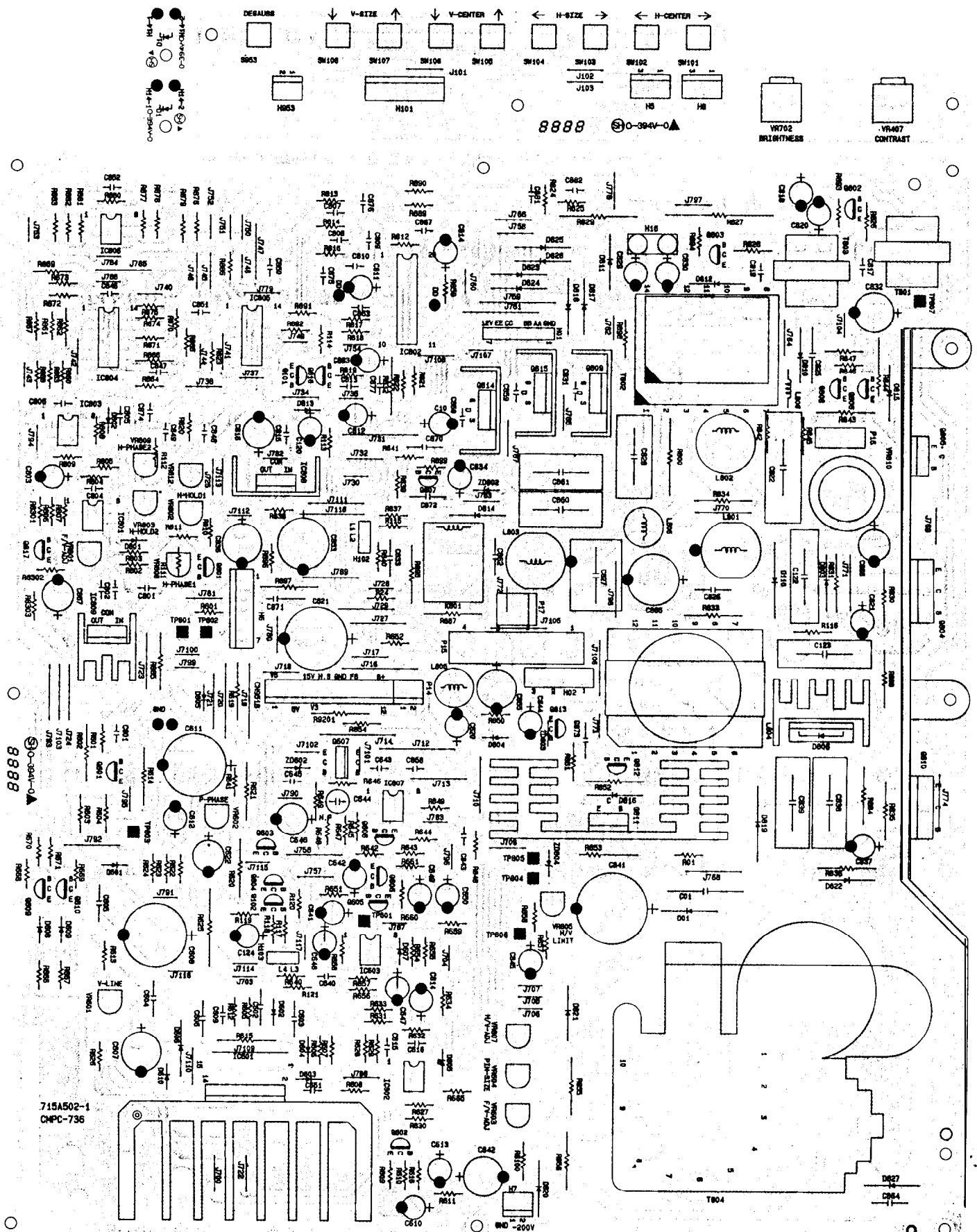
**Following the under processes:**

- (1) Make sure the VR401-402-403-404-405-406 are all in the middle position.**
- (2) Disable the video signal.**
- (3) Set the external brightness and contrast VR in Max. position.**
- (4) Use a color analyzer (MINOLTA TV-2130), adjust the SCREEN VR till the raster has the illuminance of 3 F/L.**
- (5) Measure the TP402 (by scope), adjust VR405 and set the black level in 92-96 VDC.**
- (6) Set the image in color bar pattern and has the brightness VR in Min. contrast VR in Max. position.**
- (7) Adjust VR402 let the amplitude (peak to peak) to be 45 Vp-p.**
- (8) Disable the video signal.**
- (9) Use a color analyzer, set brightness to Max. position, adjust white balance of raster.**
- (10) Fix VR405 adjust VR404 VR406 till the white balance of raster is  $Y=1.8 \sim 2.7$  F/L,  $y = 311 \pm 10, x=281 \pm 10$ .**
- (11) Set the image in bright pattern, change the brightness to Min. position, measure the illuminance up to  $20 \pm 1$  F/L by adjusting contrast VR.**
- (12) Fix VR402, adjust the VR401, VR403 to make the white balance of raster is  $Y = 20 \pm 1$  F/L,  $y= 311 \pm 10, x=281 \pm 10$ .**

**8. Focus Adjustment:**

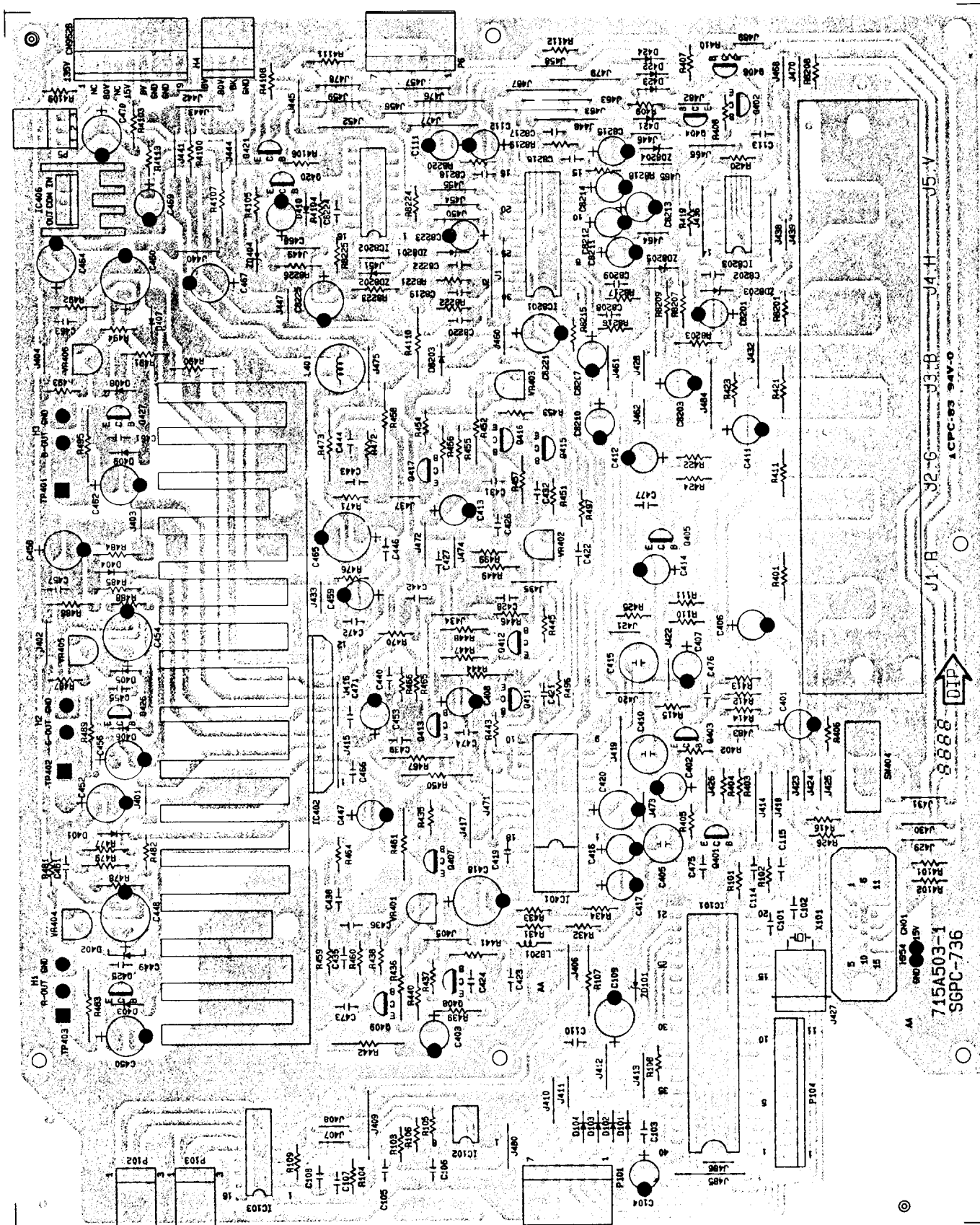
**Set the Timing in Mode 12(57K) and has the image of Test pattern, Adjust Focus VR till the image reaches its best clear.**

# 6. PCB LAYOUT 6-1 MAIN PCB LAYOUT

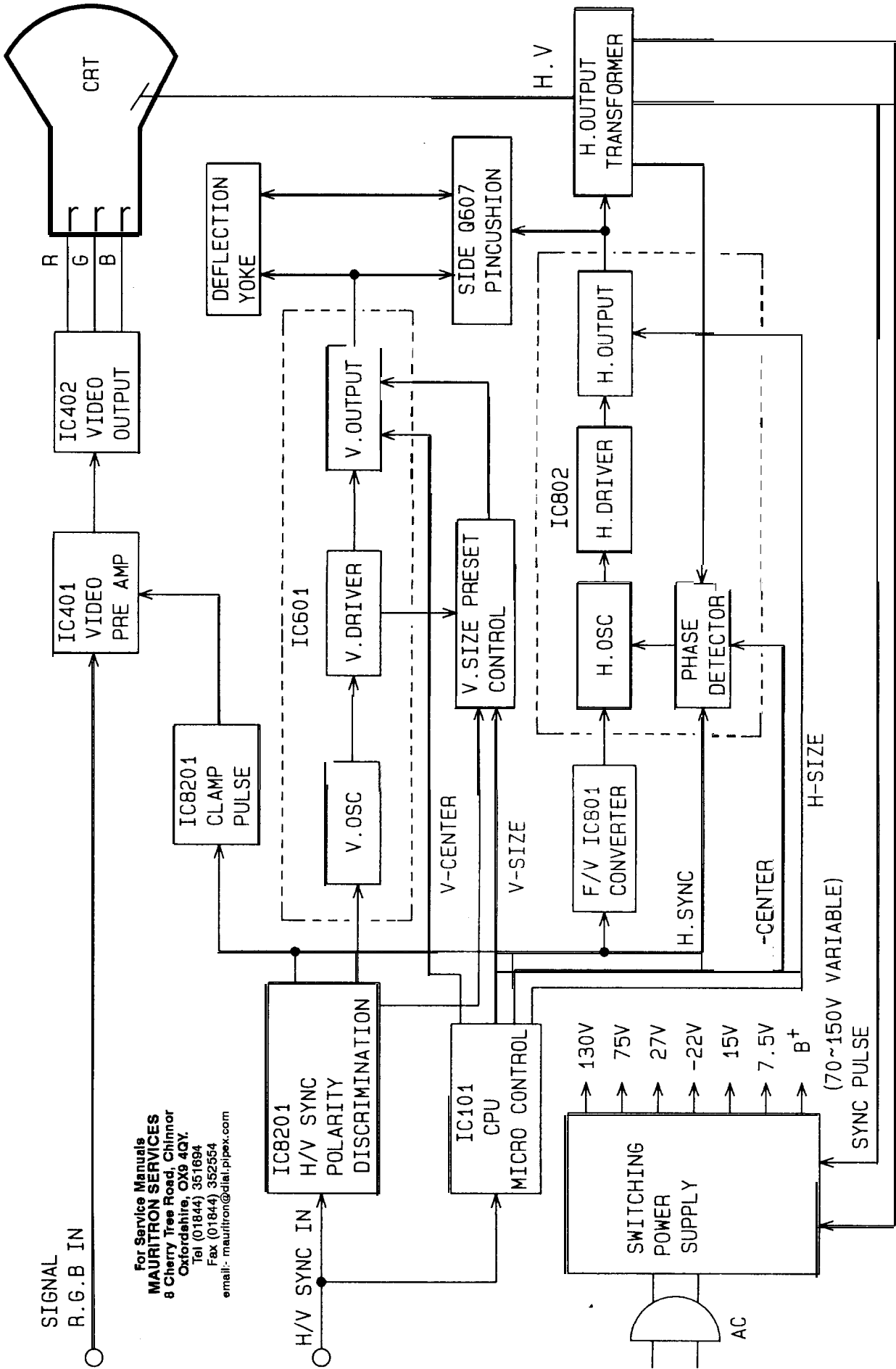




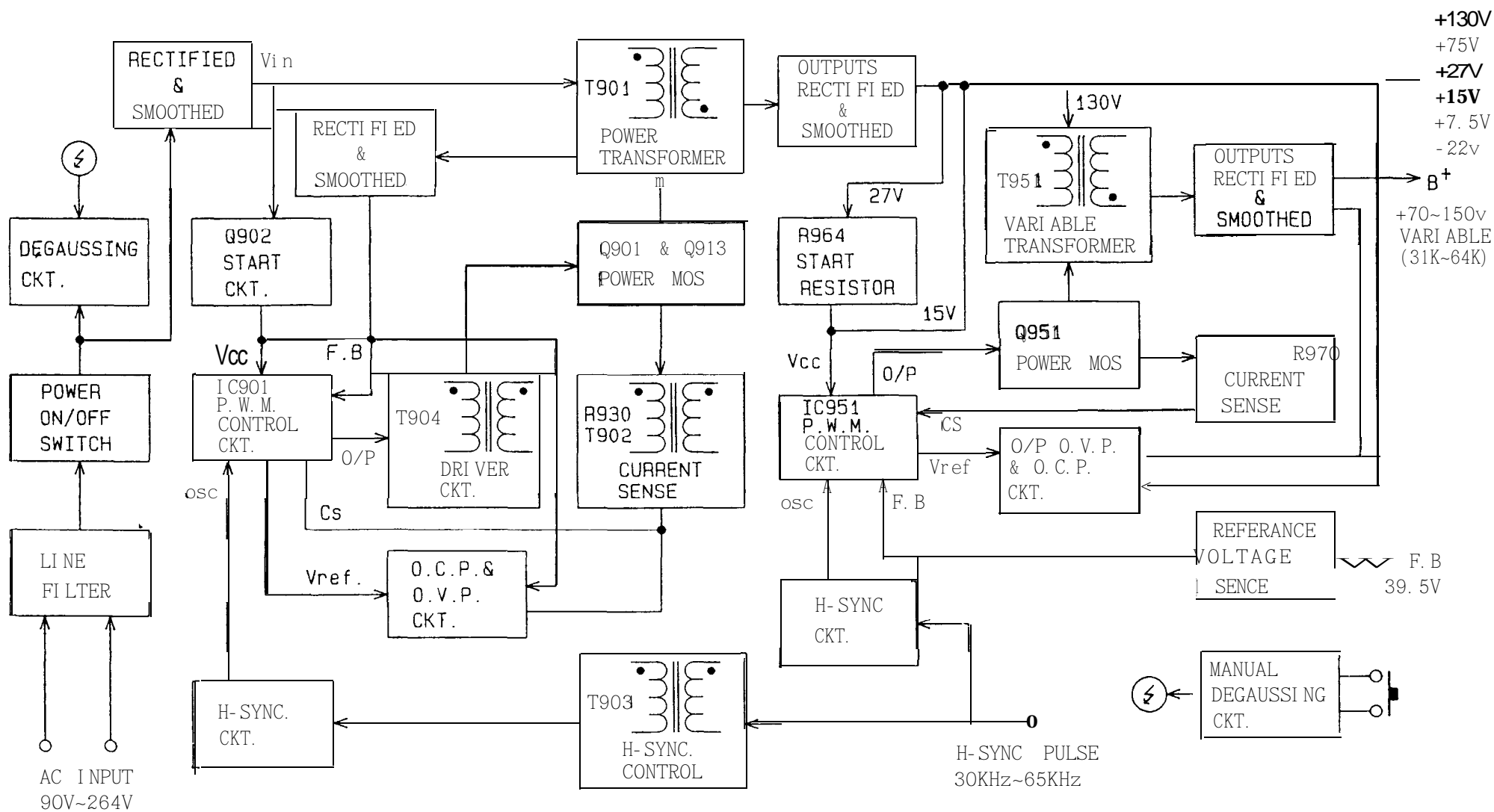
## 6-4 SIGNAL PCB LAYOUT



## M 6 BLOCK DIAGRAM

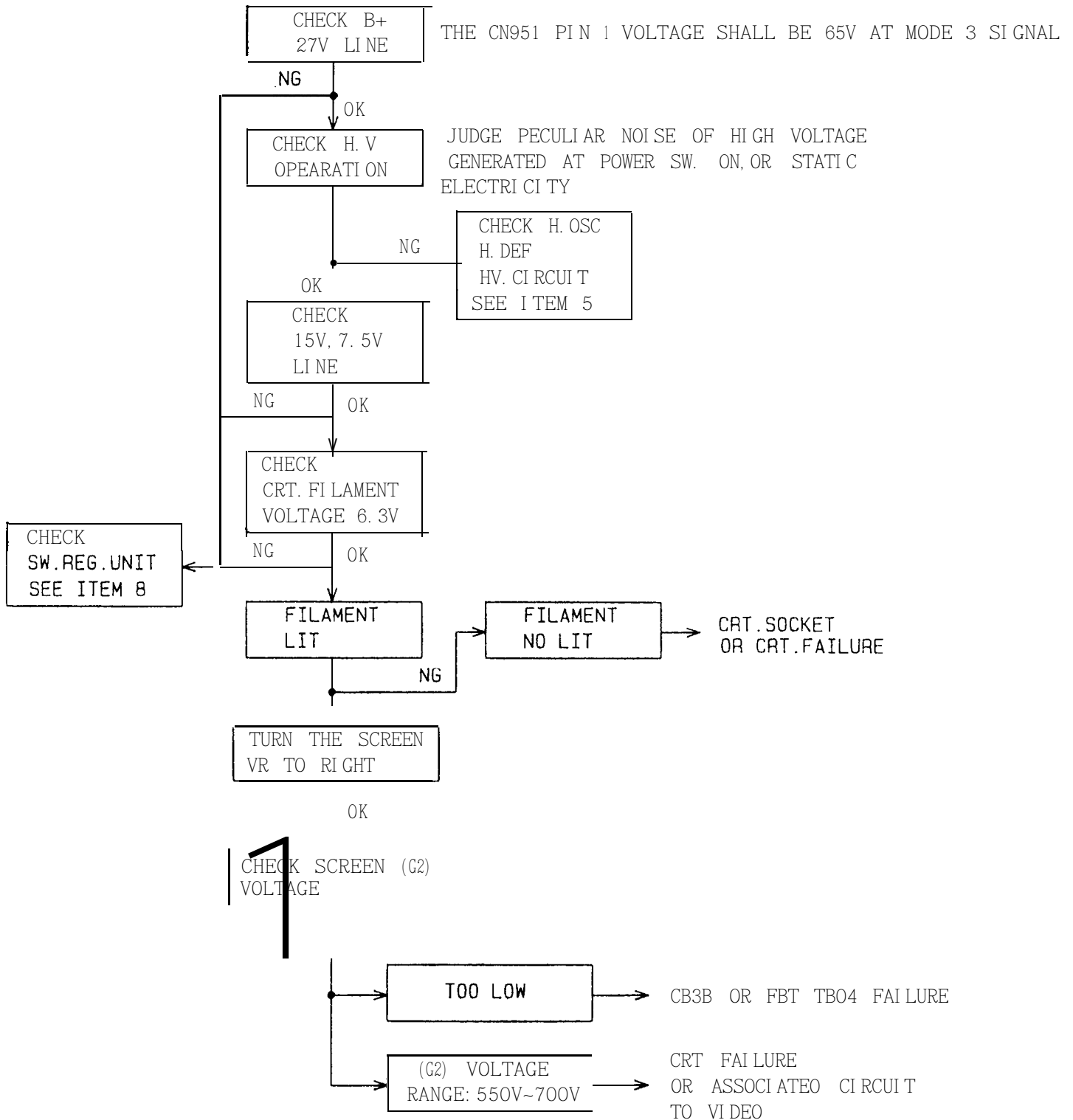


### CM-736 BLOCK DIAGRAM (SMPS)

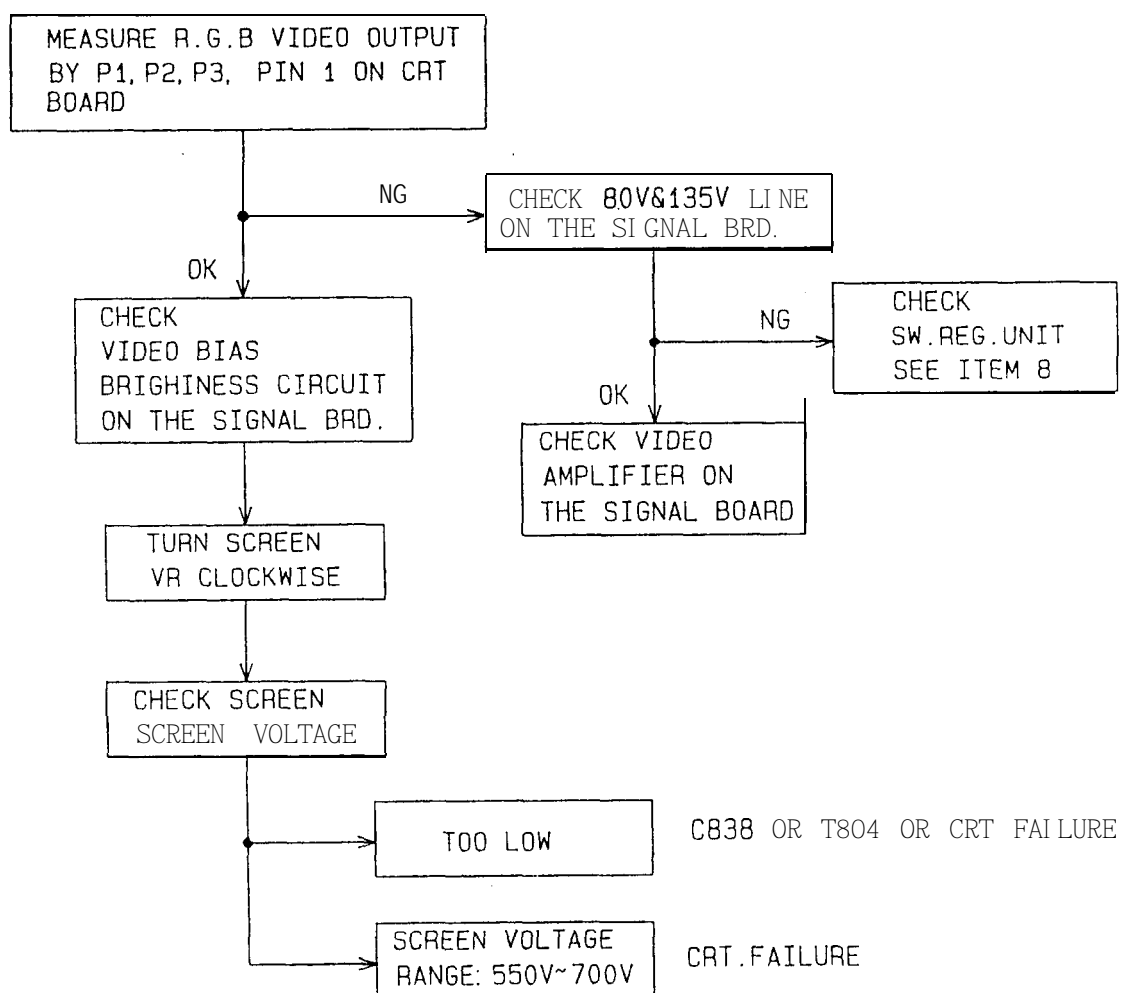


## 8. TROUBLE SHOOTING

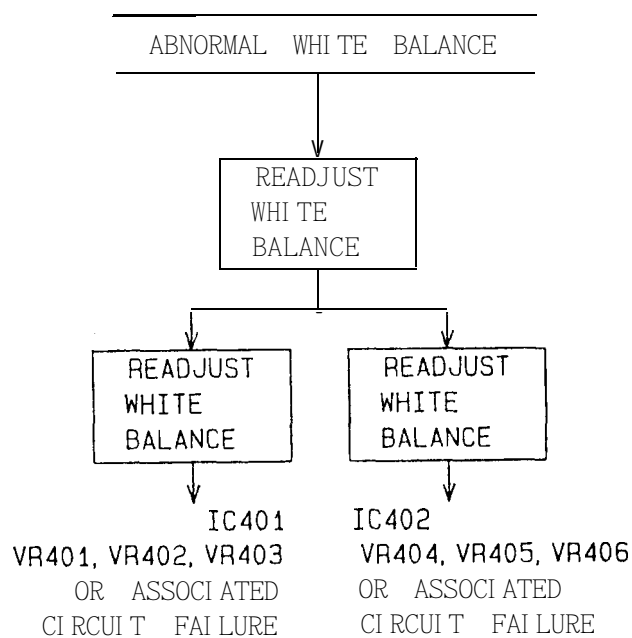
### 8-1 NO RASTER



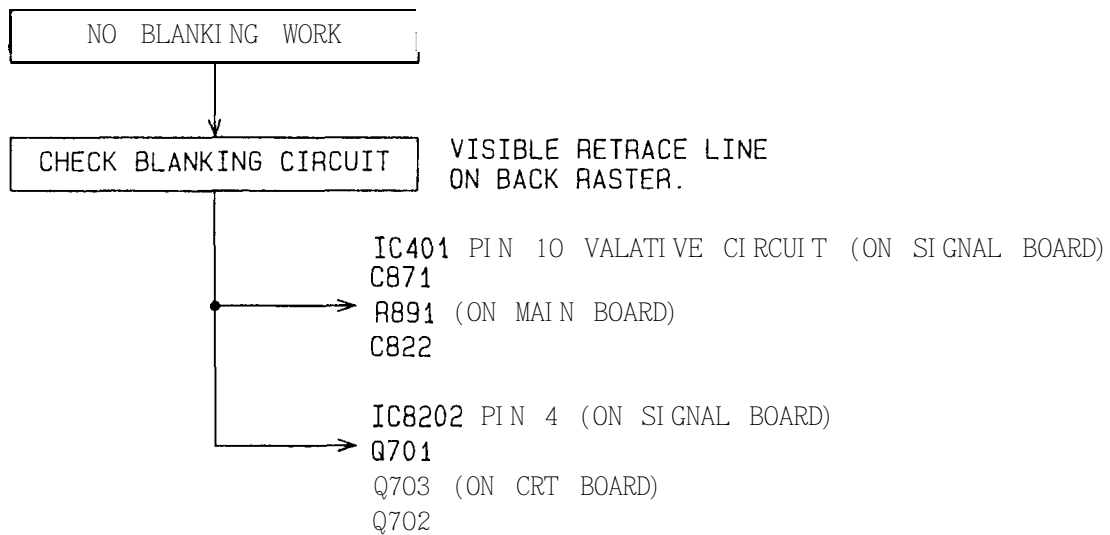
## 8-2 ABNORMAL VIDEO ON CRT SCREEN



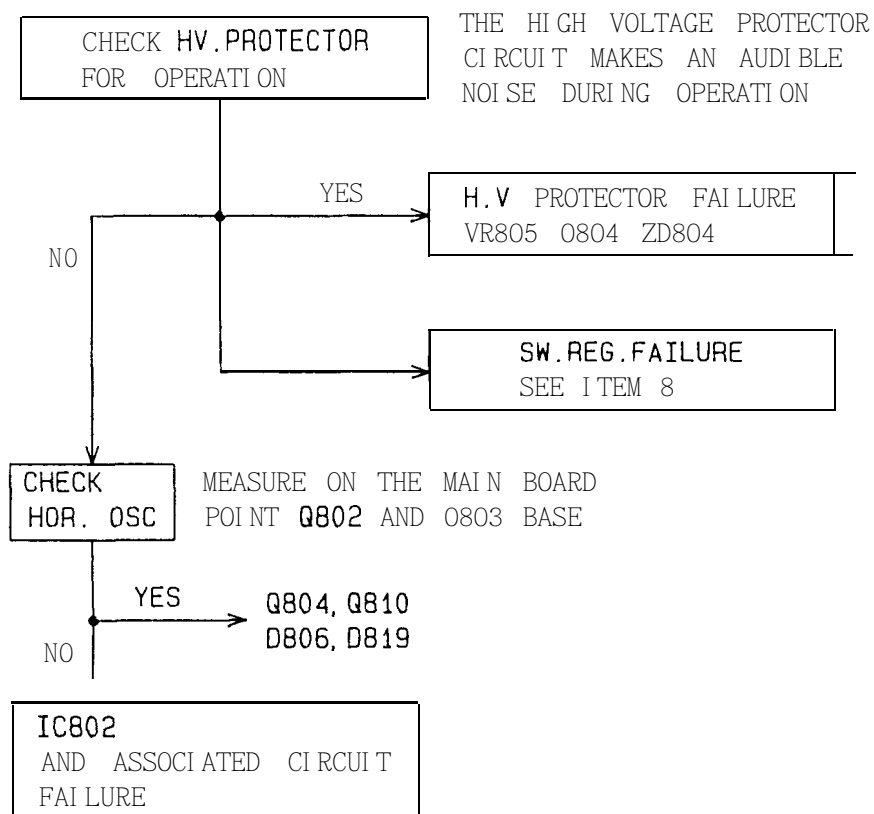
## 8-3 ABNORMAL WHITE BALANCE



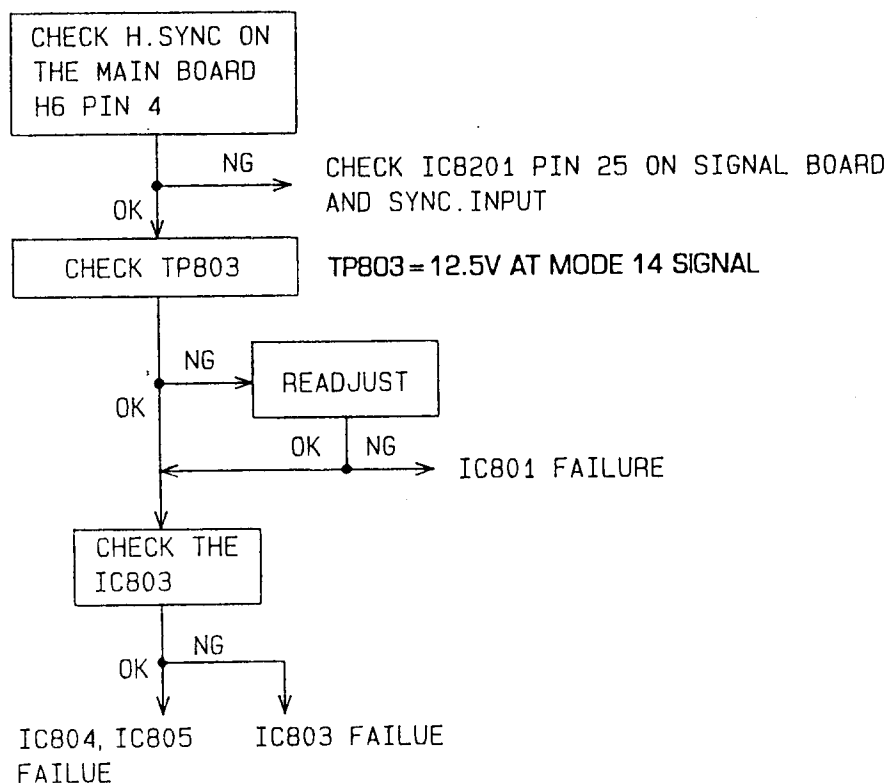
## 8-4 NO BLANKING WORK



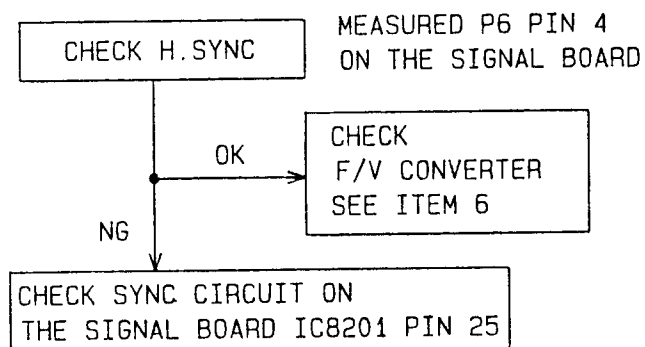
## 8-5 H.OSC/DEF/HV CIRCUIT FAULT



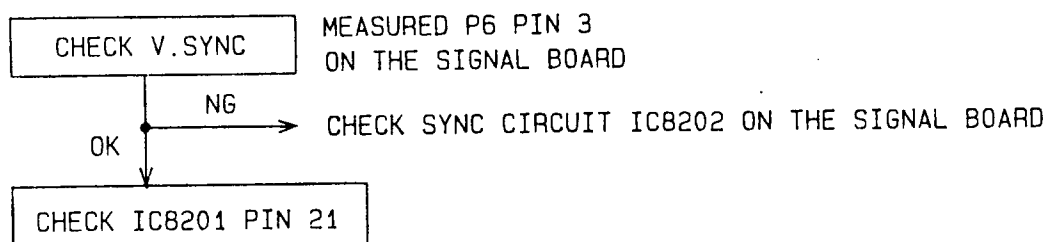
## 8-6 F/V CONVERTER AND ASSOCIATED CIRCUIT



## 8-7 UNSTABLE SYNCHRONIZATION HORIZONTAL HORIZONTAL



## VERTICAL



## 8-8 POWER SUPPLY TROUBLE SHOOTING CHART

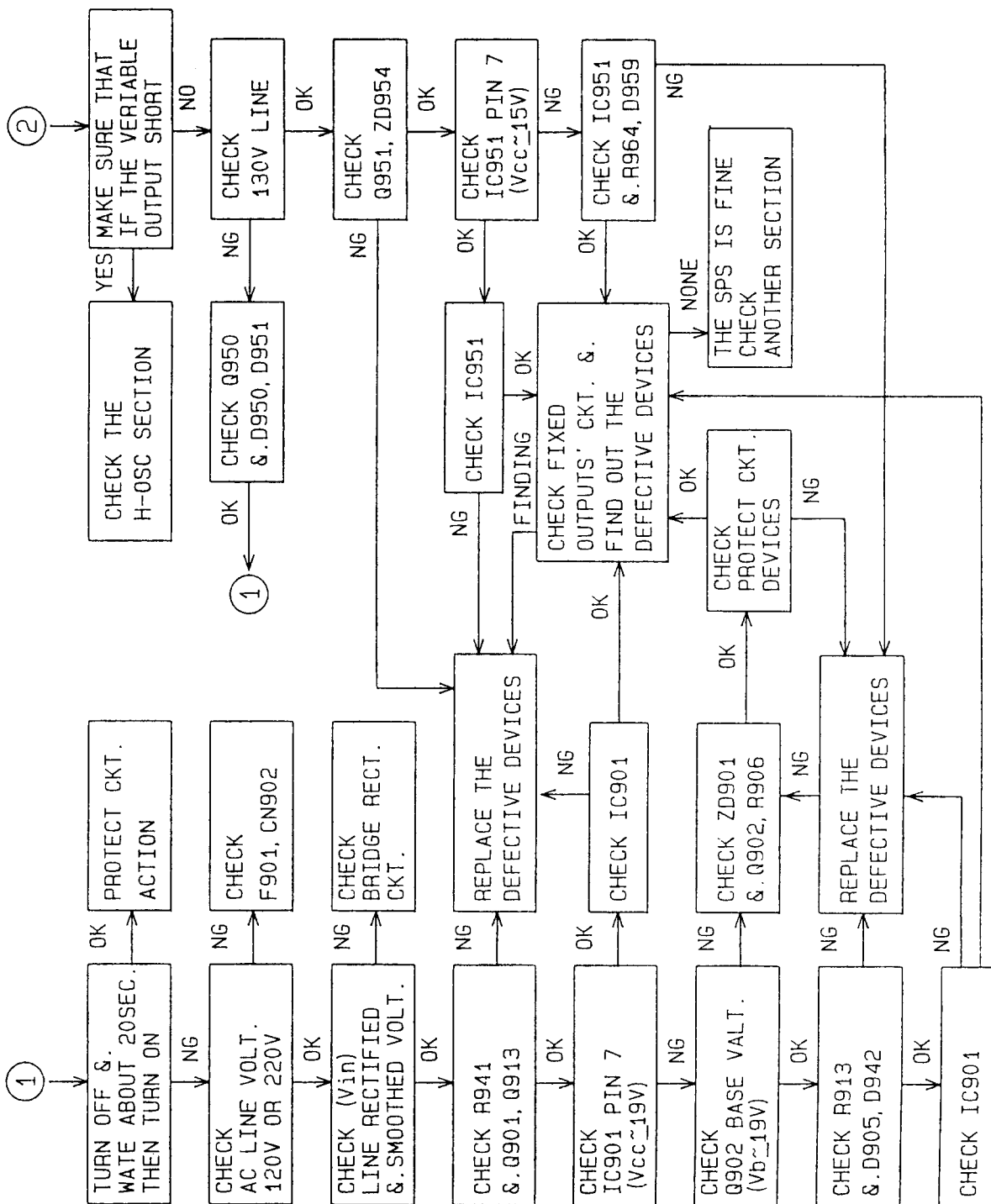
BEFORE CHECK SW. REG. PLEASE REFER TO THE POWER SUPPLY BLOCK DIAGRAM

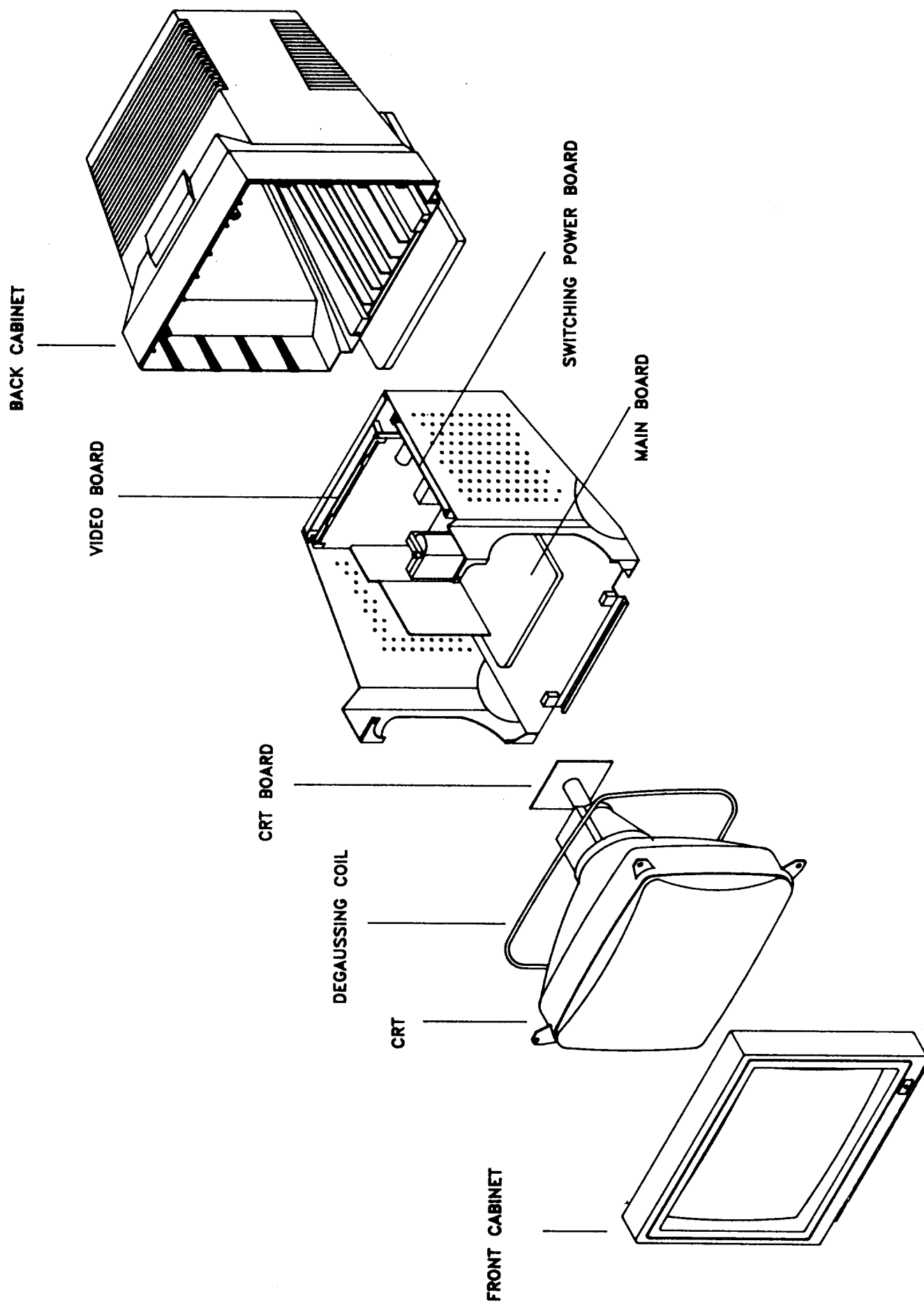
POWER SUPPLY OUTPUT: (A) VARIABLE OUTPUT: 70V~155V (DEPENDING UPON H-SYNC. FREQUENCY)

(B) FIXED OUTPUT: -22V, 7.5V, 15V, 27V, 75V, 130V

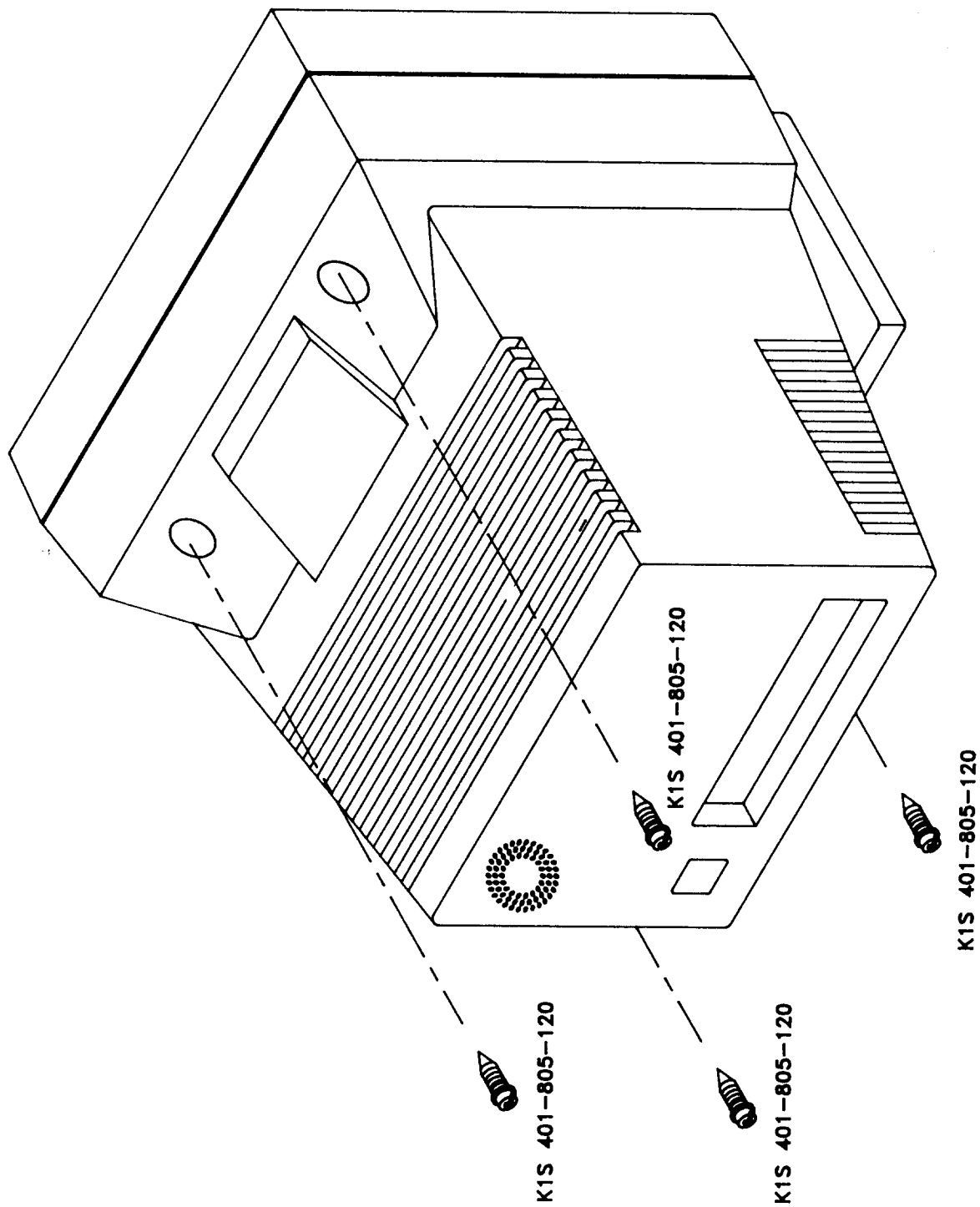
DEAD SET

ABNORMAL VARIABLE OUTPUT

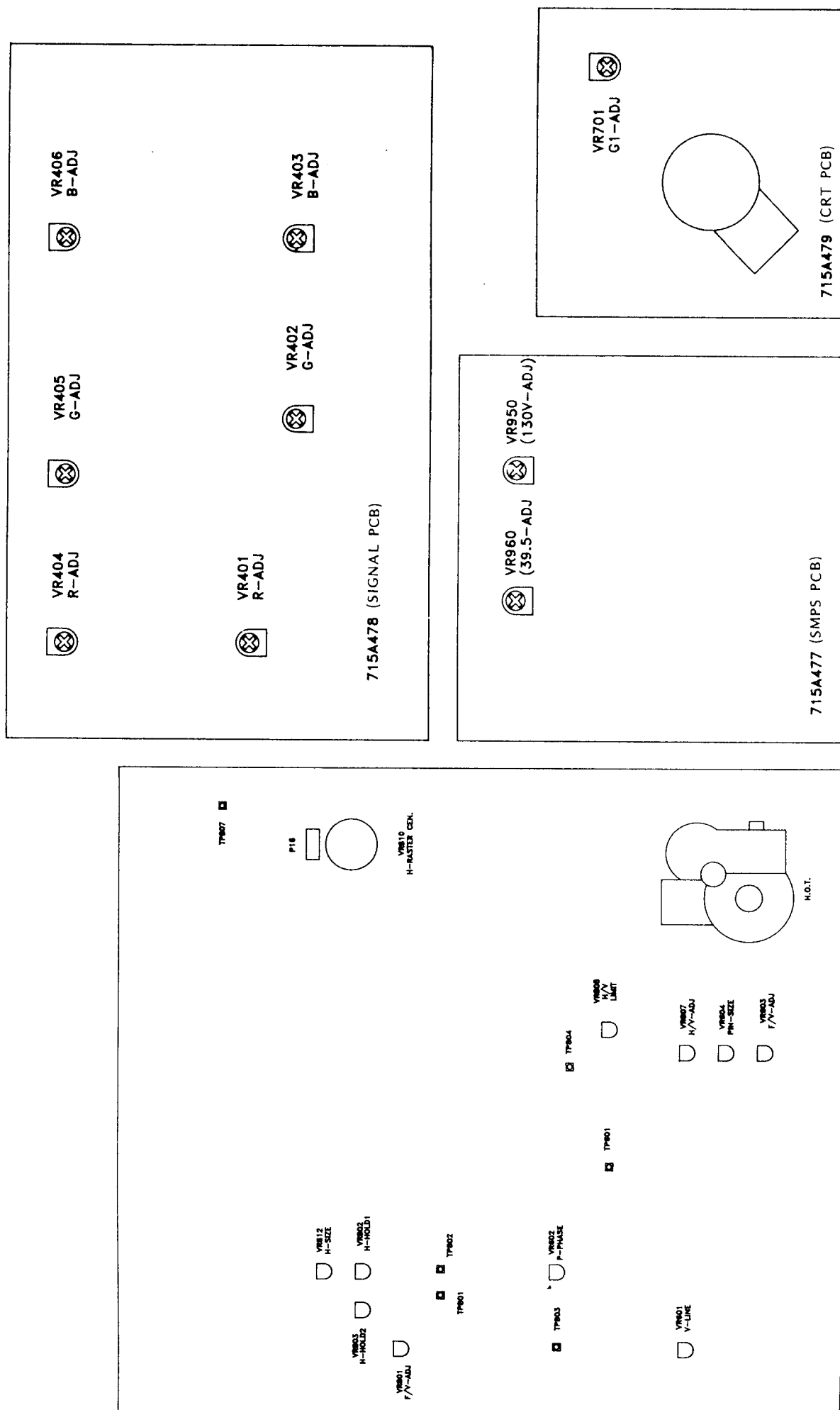




9. MECHANICAL OF CABINET FRONT DIS-ASSEMBLY



# 10. LOCATION OF ADJUSTMENT VR OF PCB

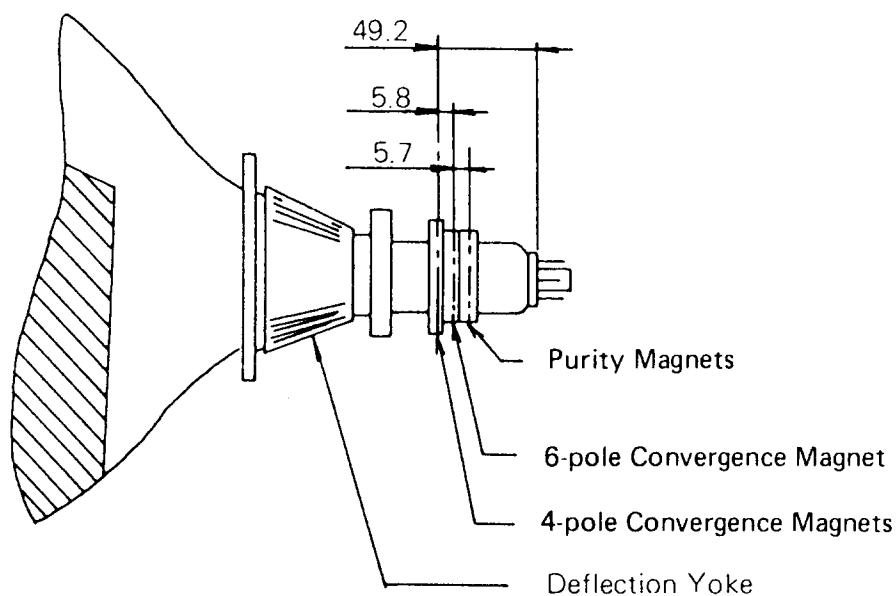


## 11. PURITY ADJUSTMENT

- (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  $29\text{mm} \pm 1\text{mm}$ . (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  $180^\circ$ .
- (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

Dimensions in mm



## 12. 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 covered by varying the angle between the two tabs of the 6-pole magnets.
- (g) Horizontal green and magenta lines are covered by varying the two tabs together, keeping the angle between them constant.

For Service Manuals  
**MAURITRON SERVICES**  
8 Cherry Tree Road, Chinnor  
Oxfordshire, OX9 4QY.  
Tel (01844) 351694  
Fax (01844) 352554  
email:- mauritron@dial.pipex.com

## PARTS LIST OF CABINET

APPL.	R736JJWAC	R736PJBAC	R736PJKAC	SPECIFICATION
	CMC-736J	CMC-736J	CMC-736J	CHAS
	1T 452- 3-120	1T 452- 3-120	1T 452- 3-120	M5 SCREW SPECIAL
	3C 17- 1-120	3C 17- 1-120	3C 17- 1-120	LOCK WASHER M8
	4C 92- 1-120	4C 92- 1-120	4C 92- 1-120	WASHER M8
	5B 38- 8-	5B 38- 8-	5B 38- 8-	RUBBER WASHER
	5T 38- 23-	5T 38- 23-	5T 38- 23-	RUBBER WASHER
	8B 7- 58-		8B 7- 58-	STEEL
	12T 366- 1-	12T 366- 1-	12T 366- 1-	RUBBER FOOT
	19T 403- 7-	19T 403- 7-	19T 403- 7-	STEEL
	19T 506- 2-	19T 506- 2-	19T 506- 2-	STEEL WIRE
	19T 534- 3-	19T 534- 3-	19T 534- 3-	SPRING
	23T 3047- 32-	23T 3047- 32-	23T 3047- 32-	ALUMINUM
	23T 3155- 21-			PVC
	26A 800- 2- 2	26A 800- 2- 2	26A 800- 2- 2	BAR-CODE (BLUE)
	33T 3492- 1-	33T 3492- 1-	33T 3492- 1-	BASE FASTENER
	33T 3515- 1-	33T 3515- 1-	33T 3515- 1-	BUTTON
	33T 3547- 1-	33T 3547- 1-	33T 3547- 1-	KEY PAD
	34E 519- 1- A	34E 519- 1- A	34E 519- 1- A	ABS PLASTIC
	34E 520- 1- A	34E 520- 1- A	34E 520- 1- A	ABS PLASTIC
		34E 521- 6- A	34E 521- 6- A	ABS PLASTIC
	34E 521- 7- A			ABS PLASTIC
	34E 522- 1- A	34E 522- 1- A	34E 522- 1- A	ABS PLASTIC
			40 153- 3- 1	X-RAY LABEL
	40A 153- 50- 2	40A 153- 50- 2	40A 153- 50- 2	CRT WARNING LABEL
			40A 153- 52-	CSA WARNING LABEL
	40A 154- 14-	40A 154- 14-	40A 154- 14-	CABT LABEL
		40A 155-705-		ID LABEL
			40A 155-706-	LABEL
	40A 155-712-			ID LABEL
	40A 575- 37-	40A 575- 37-		GS LABEL
	40A 575- 47-	40A 575- 47-		TUV LABEL
	40A 590- 52-	40A 590- 52-		FTZ LABEL
			41A 68- 36- 2	LIMITED WARRANTY
	41A 68-158-			FTZ STATEMENT
		41A 68-162-		FTZ STATEMENT
			41A 70- 7- 4	LIMITED WARRANTY
			41A 71- 27- 1	SAFETY INSTRUCTION
			41A 401-688-	OWNER'S MANUAL
	41A 401-709-	41A 401-709-		OWNER'S MANUAL
	44T 3112- 11-	44T 3112- 11-	44T 3112- 11-	CUSHION LEFT
	44T 3112- 12-	44T 3112- 12-	44T 3112- 12-	CUSHION RIGHT
		44T 3112- 14-	44T 3112- 14-	CARTON
	44T 3112- 20-			CARTON
	45C 76- 20-	45C 76- 20-	45C 76- 20-	P.E. FILM
	45C 76- 28-	45C 76- 28-	45C 76- 28-	POLY BAG
	50S 13- 3-	50B 13- 3-	50B 13- 3-	PLASTIC TIE 7IN
	50S 102- 5-	50S 102- 5-	50S 102- 5-	PLASTIC
	52D 1-185- 1	52D 1-185- 1	52D 1-185- 1	TAPE
	52D 1-186-	52D 1-186-	52D 1-186-	TAPE
	89A 173- 27-	89A 173- 27-	89A 173- 27-	POWER CORD
		89A 498- 1-		CABLE ASS'Y
	89A 498- 1-3			POWER CORD (VDE)
				VDE POWER CORD
	95A 91-205- 8	95A 91-205- 8	95A 91-205- 8	95S91-018&95S205
	K1S 401-805-128	K1S 401-805-128	K1S 401-805-128	SCREW
	K1S 404-603-128	K1S 404-603-128	K1S 404-603-128	#6 x 3/8
	K1S 404-604-120	K1S 404-604-120	K1S 404-604-120	SCREW
	M2S 480- 6.5-128	M2S 480- 6.5-128	M2S 480- 6.5-128	M8 NUT
	750A 5870-1AS	750A 5870-1AS	750A 5870-1AS	17" 0.28MM FS CDT

## PARTS LIST OF CHAS

APPL.

### CMC-736J

CMPC-736J  
CRPC-734J  
KEPC-736J  
SGPC-736J  
SPPC-736J  
4C 1- 19-128  
15T 5533- 1-  
40A 154- 13-  
40A 581- 26-011  
50S 102- 5-  
50T 106- 2-  
85T 458- 1-  
95A 8013- 11-  
95A 8013- 12-  
N1S 330- 10-128  
700A 99- 42-  
705A 734-C15- 1  
705A 734-C81-901  
705A 734D-C77-267  
750A 1697- 69-

### SPECIFICATION

PC BOARD  
CRT SOCKET BOARD  
KEY BOARD  
VIDEO BOARD  
POWER SUPPLY PCB  
WASHER  
FRAME-H  
CHASSIS LABEL  
LABEL/BLANK  
PLASTIC  
CABLE TIE  
SHIELD PLATE  
WIRE&2520S HOUS. ASS  
95S203-XX X12 457MM  
M3X10  
AS REQUEST  
BRKT ASSY  
LD901 ASS'Y  
SW ASSY  
DEG.VDE

## PARTS LIST OF LD901 ASS'Y

APPL.

H14  
LD901

### 705A 734-C81-901

95A 1019-618- 2  
81A 7- 2-

### SPECIFICATION

UL2468#24/WHTX2C  
LED

## PARTS LIST OF BRKT ASS'Y

APPL.

### 705A 734-C15- 1

11T 106- 1-  
15T 5528- 1-  
15T 5529- 2-  
15A 5530- 1-  
  
15T 5550- 1-  
  
33T 3523- 1-  
33T 3523- 2-  
33T 3526- 1-



### 705A 736J-G73-149

1T 443- 3-128  
  
  
  
15T 5532- 1-  
15T 5549- 1-  
  
23T 3164- 6-

### SPECIFICATION

SCREW  
BOSHING  
FRAME-R  
FRAME L  
FRAME BOTTOM  
BRACKET VIDEO  
BRACKET POWER  
BRACKET  
OVERLAY  
RAIL  
RAIL  
STAND-OFF  
EMITTER  
UL1015#18/YEL GRN  
UL1015#20/3P HOUSING  
TUBING DIA:5MM  
M4X5 STEEL  
#6X3/8

K1S 404-603-128

73A 7149- 2-  
95S 207T-354-042  
95A 3253- 3-  
96A 29- 7-190  
K1S 240- 5-127  
K1S 404-603-128

## PART LIST OF SW ASS'Y

APPL.



### 705A 734D-C77-267

15T 5527- 1-  
95A 267- 7-  
95A 3358- 5- 2  
96A 29- 6-190  
M1S 330- 6-128

### SPECIFICATION

BRACKET  
POWER SW  
95S213-51/56X2 L:16"  
H.S.TUBING 4MM  
SCR M3X0.5 6MM STEEL

# PARTS LIST OF MAIN BOARD

APPL.

CMPC-736J

SPECIFICATION

	CM736-AIT	AUTO INSERTION
	CM736J-AI	AUTO INSERTION
	1T 476- 1-120	SCREW
	9A 211- 2-	PIN, 1.2X15MM
	15T 5537- 1-	FRAME
	95A 1019- 610- 2	UL2468#24
	95A 1069- 720- 7	95A106-7&33A8013-7H
	95A 3072- 7-	95S203-7X&7P HOUS.
	95S 3261- 2-	UL1015#22/WHT
	95A 3261- 3- 17	95S207-32/30/31 :14"
	K1S 404 603-128	#6X3/8
	705A 734-M56-601	IC601 ASSY
	705A 734-M56-808	IC808 ASS'Y
	705A 734-M56-809	IC809 ASS'Y
	705A 734-M93-806	D806 ASS'Y
	705A 736-M57-811	Q811 ASSY
	705A 736-M90-278	Q804/805/810 ASSY
	715A 502- B-	246X330X1.6(MM)
	63A 210- 33-	0.068UF + -5% 1200V
	67A 305-109- 7	1UF + -20% 50V
	67A 301-478- 7	0.47UF + -20% 50V
	63A 210J-153- 8D	.015UF + -5% 2000V
	63A 210J-153- 8D	.015UF + -5% 2000V
	64A 177- 25- 57	0.1UF J 50V
	64A 177- 31- 57	0.33UF J 50V
	64A 177- 21- 57	.047UF J 50V
	64A 177- 21- 57	.047UF J 50V
	64A 177- 29- 57	0.22UF J 50V
	67A 201-221- 6	220UF + -20% 35V
	67A 201-102- 6	1000UF + -20% 35V
	67A 201-222- 4	2200UF + -20% 25V
	67A 201-102- 6	1000UF + -20% 35V
	67A 301-339- 7	3.3UF + -20% 50V
	67A 60-479- 4	4.7UF + -20% 25V N.P
	67A 301-101- 4	100UF + -20% 25V
	67S 202-478- 7	0.47U 35V + -10%
	67S 202-229- 4	2.2UF + -10% 16V
	64A 103J-102- 1A	.001UF + -5% 50V
	67S 202-229- 7	2.2UF + -10% 35V
	67S 202-109- 7	1UF + -10% 35V
	67S 202-109- 7	1UF + -10% 35V
	67A 402-109- 7	1UF 50V + -20%
	67A 402-109- 7	1UF 50V + -20%
	63A 210J-153-100	.005UF + -5% 3000V
	64A 183J-223- 5C	.022UF + -5% 1000V



APPL.

CMPC-736J

SPECIFICATION

	65A 2M-472- 3B	4700PF M 25U 2KV
	63A 210J-224-3CA	.22UF + -5% 400V
	63A 210- 43-	.33UF 200V
	67A 215-229-12N	2.2UF + -20% 250V
	64A 250J-104- 57	.1UF 250V 5%
	67A 201-102- 3M	1000UF + -20% 16V
	63A 210J-142-100	.0014UF + -5% 3000V
	63A 210J-142-100	.0014UF + -5% 3000V
	67A 215-330-12N	33UF + -20% 250V
	67A 309-100- 12	10UF + -20% 250V
	65S 444-471- 1	470PF K Z5P 50V
	67A 201-102- 4M	1000UF + -20% 25V
	67A 305-100- 12	10UF + -20% 250V
	67A 301-101- 4	100UF + -20% 25V
	63A 210J-714- 3D	.71UF + -5% 400V
	63A 210J-154- 3C	.15UF + -5% 400V
	65A 2M-472- 3B	4700PF M 25U 2KV
	64A 177- 25- 57	0.1UF J 50V
	67A 215-479-12N	4.7UF + -20% 250V
	67A 305-229- 12	2.2UF + -20% 250V
	65S 406-150- 1	15PF 10% 500V
	64A 140- 1- 57	0.001J 200V



## APPL.

## CMPC-736J

## SPECIFICATION

C873	64A 140- 9- 57	.0047UF J 200V/250V
CN951B	33T 8013- 12-	PLUG. 12PIN
D01	93D 60- 78-	DIODE
D819	93D 3150- 2-	F R D D09-15
D827	93C 60- 38-	1A 200V
DD-DD	95S 202- 59-022	UL1007#22/WHT SOLID
H102	95A 1069-715- 3	95A106-3&2520-3 ASS.
H103	95A 1069-610- 3	95A101-9,10''2520S-3
IC602	56A 192- 1-	8 PIN IC LM358
IC603	56A 329- 1-	8 PIN I.C.
IC603	56A 329- 2-	8P IC XR-4151
IC801	56A 329- 1-	8 PIN I.C
IC801	56A 329- 2-	8P IC XR-4151
IC802	56A 326- 2-	20 PIN IC UPC4557C
IC803	56A 328- 1-	8 PIN IC UPC4557C
IC804	56A 210- 2-	14PIN IC UPC339C
IC805	56A 265- 2-	14PIN IC UPD4066BC
IC806	56A 328- 1-	8 PIN IC UPC4557C
IC807	56A 328- 1-	8 PIN IC UPC4557C
K801	77A 260- 26-	POWER RELAY 12VDC
L801	73A 147- 45-	LINEARITY COIL
L802	73A 253- 42-	5.4MH + - 10% 0.8A
L803	73A 147- 45-	LINEARITY COIL
L804	79A 169- 2-	POWER CHOKE
L805	73A 253- 37-	50UH + - 10% 2A
L806	73A 253- 44-	800UH + - 10% 0.3A
L808	71A 55- 17-	FERRITE CORE
P14	33T 3072- 16-	2P PLUG
P15	33A 3192- 4-	4 PIN PLUG
P15	33A 3192- 4A-	4 PIN PLUG
P16	33T 3074- 1-	2P PLUG
Q607	57A 544- 1-	TR. DIF.AMP.2SC3065F
Q809	57A 600- 2-	MOS FET IRF630 SAM.
Q814	57A 600- 2-	MOS FET IRF630 SAM.
Q815	57A 600- 2-	MOS FET IRF630 SAM.
R24	61A 602-222-52T	2.2K OHM + - 5% 1/6W
R614	61S 208-259- 64	2.5 OHM 5% 1W
R619	61S 208-471- 64	470 OHM 5% 1W
R620	61S 152M-680- 64	68 OHM + - 5% 2W
R621	61S 208-121- 64	120 OHM 5% 1W
R625	61S 153M-109- 59	1 OHM + - 5% 3W
R800	61S 153M-470- 59	47 OHM 5% 3W
R827	61S 155M-101- 61	100 OHM + - 5% 5W
R829	61S 153M-221- 59	220 OHM 5% 3W
R830	61S 208-220- 64	22 OHM 5% 1W
R831	61S 208-519- 64	5.1 OHM 5% 1W
R833	61S 208-201- 64	200 OHM + - 5% 1W
R834	61S 208-100- 64	10 OHM 5% 1W
R835	61S 208-470- 64	47 OHM 5% 1W
R836	61S 208-339- 64	3.3 OHM + - 5% 1W
R844	61A 301-471- 64	470 OHM 5% 1/2W
R853	61A 301-102- 64	1K OHM + - 5% 1/2W
R855	61S 208-689- 64	6.8 OHM 5% 1W
R856	61S 208-101- 64	100 OHM 5% 1W
R887	61S 208-201- 64	200 OHM + - 5% 1W
R888	61S 208-220- 64	22 OHM 5% 1W
R895	61S 152M-103- 64	10K OHM 5% 2W
R897	61S 208-153- 64	15K OHM 5% 1W
R01	61S 602-106- 65	10M OHM 5% 1/6W
T801	79A 167-22E-	DRIVER X'FMR
T802	80A 536- 1-	L(1 - 5) = 4.0MH
T803	79A 167-22E-	DRIVER X'FMR
T804	79A 352- 4-	17''FS FBT W/D.F.PACK
VR601	75A 335-104-	100K OHM + - 30%
VR602	75A 335-103-	10K OHM + - 30%
VR603	75A 335-222-	2.2K OHM + - 30%
VR604	75A 335-471-	470 OHM + - 30%
VR801	75A 335-332-	3K3 OHM + - 30%
VR802	75A 335-472-	4K7 OHM + - 30%
VR803	75A 335-474-	470K OHM + - 30%
VR805	75A 335-103-	10K OHM + - 30%
VR807	75A 335-223-	22K OHM + - 30%
VR810	75C 215- 10-	500 OHM B + - 10%
VR810	75A 215- 10- 1	500 OHM + - 20% 2W
VR812	75A 335-222-	2.2K OHM + - 30%
ZD804	93D 39-107-	ZENER DIODE 9.7/10.1

APPL.	CM736J-AI	SPECIFICATION
	52D 1-191-	GLASS CLOTH
	52D 1-192-	GLASS CLOTH
C875	95S 90- 23- A	TIN COATED
D110	93D 60- 81-52T	1500V/5A
D601	93C 64-11H-52T	DIODE
D602	93C 64-11H-52T	DIODE
D603	93C 64-11H-52T	DIODE
D604	93C 64-11H-52T	DIODE
D605	93C 64-11H-52T	DIODE
D606	93D 52- 1-52T	1A 600V
D607	93C 64-11H-52T	DIODE
D608	93C 64-11H-52T	DIODE
D609	93C 64-11H-52T	DIODE
D610	93C 64-11H-52T	DIODE
D801	93C 64-11H-52T	DIODE
D802	93C 64-11H-52T	DIODE
D803	93C 60- 38-52T	1A 200V
D804	93C 64-11H-52T	DIODE
D805	93C 64-11H-52T	DIODE
D810	93D 60- 21-52T	FRD 1.5A 500V
D811	93C 60- 38-52T	1A 200V
D812	93C 60- 38-52T	1A 200V
D813	93C 64-11H-52T	DIODE
D814	93C 60- 38-52T	1A 200V
D815	93D 60- 21-52T	FRD 1.5A 500V
D816	93D 60- 21-52T	FRD 1.5A 500V
D817	93D 60- 21-52T	FRD 1.5A 500V
D818	93C 60- 38-52T	1A 200V
D820	93D 60- 21-52T	FRD 1.5A 500V
D821	93C 60- 38-52T	1A 200V
D822	93C 60- 38-52T	1A 200V
D823	93D 63- 21-52T	FRD 1.5A 500V
D824	93C 60- 38-52T	1A 200V
D825	93D 60- 21-52T	FRD 1.5A 500V
D826	93C 60- 38-52T	1A 200V
J700	95S 90- 23- A	TIN COATED
J703	95S 90- 23- A	TIN COATED
J704	95S 90- 23- A	TIN COATED
J705	95S 90- 23- A	TIN COATED
J706	95S 90- 23- A	TIN COATED
J707	95S 90- 23- A	TIN COATED
J709	95S 90- 23- A	TIN COATED
J710	95S 90- 23- A	TIN COATED
J7100	95S 90- 23- A	TIN COATED
J7101	95S 90- 23- A	TIN COATED
J7102	95S 90- 23- A	TIN COATED
J7103	95S 90- 23- A	TIN COATED
J7104	95S 90- 23- A	TIN COATED
J7105	95S 90- 23- A	TIN COATED
J7106	95S 90- 23- A	TIN COATED
J7107	95S 90- 23- A	TIN COATED
J7108	95S 90- 23- A	TIN COATED
J7109	95S 90- 23- A	TIN COATED
J7110	95S 90- 23- A	TIN COATED
J7111	95S 90- 23- A	TIN COATED
J7112	95S 90- 23- A	TIN COATED
J7113	95S 90- 23- A	TIN COATED
J7114	95S 90- 23- A	TIN COATED
J7115	95S 90- 23- A	TIN COATED
J7116	95S 90- 23- A	TIN COATED
J712	95S 90- 23- A	TIN COATED
J713	95S 90- 23- A	TIN COATED
J714	95S 90- 23- A	TIN COATED
J716	95S 90- 23- A	TIN COATED
J717	95S 90- 23- A	TIN COATED
J718	95S 90- 23- A	TIN COATED
J719	95S 90- 23- A	TIN COATED
J720	95S 90- 23- A	TIN COATED
J721	95S 90- 23- A	TIN COATED
J722	95S 90- 23- A	TIN COATED
J723	95S 90- 23- A	TIN COATED
J724	95S 90- 23- A	TIN COATED
J725	95S 90- 23- A	TIN COATED
J727	95S 90- 23- A	TIN COATED
J728	95S 90- 23- A	TIN COATED
J729	95S 90- 23- A	TIN COATED
J730	95S 90- 23- A	TIN COATED
J731	95S 90- 23- A	TIN COATED
J732	95S 90- 23- A	TIN COATED

## APPL.

## CM736J-AI

## SPECIFICATION

J734	95S 90- 23- A	TIN COATED
J735	95S 90- 23- A	TIN COATED
J737	95S 90- 23- A	TIN COATED
J738	95S 90- 23- A	TIN COATED
J740	95S 90- 23- A	TIN COATED
J741	95S 90- 23- A	TIN COATED
J742	95S 90- 23- A	TIN COATED
J743	95S 90- 23- A	TIN COATED
J744	95S 90- 23- A	TIN COATED
J745	95S 90- 23- A	TIN COATED
J746	95S 90- 23- A	TIN COATED
J747	95S 90- 23- A	TIN COATED
J748	95S 90- 23- A	TIN COATED
J749	95S 90- 23- A	TIN COATED
J750	95S 90- 23- A	TIN COATED
J751	95S 90- 23- A	TIN COATED
J752	95S 90- 23- A	TIN COATED
J753	95S 90- 23- A	TIN COATED
J754	95S 90- 23- A	TIN COATED
J756	95S 90- 23- A	TIN COATED
J757	95S 90- 23- A	TIN COATED
J758	95S 90- 23- A	TIN COATED
J759	95S 90- 23- A	TIN COATED
J760	95S 90- 23- A	TIN COATED
J761	95S 90- 23- A	TIN COATED
J762	95S 90- 23- A	TIN COATED
J763	95S 90- 23- A	TIN COATED
J764	95S 90- 23- A	TIN COATED
J765	95S 90- 23- A	TIN COATED
J766	95S 90- 23- A	TIN COATED
J767	95S 90- 23- A	TIN COATED
J768	95S 90- 23- A	TIN COATED
J769	95S 90- 23- A	TIN COATED
J770	95S 90- 23- A	TIN COATED
J771	95S 90- 23- A	TIN COATED
J772	95S 90- 23- A	TIN COATED
J773	95S 90- 23- A	TIN COATED
J774	95S 90- 23- A	TIN COATED
J778	95S 90- 23- A	TIN COATED
J779	95S 90- 23- A	TIN COATED
J780	95S 90- 23- A	TIN COATED
J781	95S 90- 23- A	TIN COATED
J782	95S 90- 23- A	TIN COATED
J783	95S 90- 23- A	TIN COATED
J784	95S 90- 23- A	TIN COATED
J785	95S 90- 23- A	TIN COATED
J786	95S 90- 23- A	TIN COATED
J787	95S 90- 23- A	TIN COATED
J788	95S 90- 23- A	TIN COATED
J789	95S 90- 23- A	TIN COATED
J790	95S 90- 23- A	TIN COATED
J791	95S 90- 23- A	TIN COATED
J792	95S 90- 23- A	TIN COATED
J793	95S 90- 23- A	TIN COATED
J794	95S 90- 23- A	TIN COATED
J795	95S 90- 23- A	TIN COATED
J796	95S 90- 23- A	TIN COATED
J797	95S 90- 23- A	TIN COATED
J798	95S 90- 23- A	TIN COATED
J799	95S 90- 23- A	TIN COATED
R112	61A 602-303-52T	30K OHM 5% 1/6W
R113	61A 620-105-52T	1M OHM 5% 1/6W
R114	61A 602-331-52T	330 OHM 5% 1/6W
R115	61A 602-473-52T	47K OHM 5% 1/6W
R116	61S 172-106-52T	10MEG OHM 5% 1/4W
R117	61A 602-104-52T	100K OHM 5% 1/6W
R118	61A 602-104-52T	100K OHM 5% 1/6W
R119	61S 602-201-52T	200 OHM + - 5% 1/6W
R120	61A 602-202-52T	2K OHM 5% 1/6W
R121	61A 602-153-52T	15K OHM 5% 1/6W
R601	61A 602-472-52T	4.7K OHM 5% 1/6W
R602	61S 175-470-52T	47 OHM 5% 1/2W
R603	61S 172-331-52T	330 OHM 5% 1/4W
R604	61S 172-100-52T	100OHM + - 5% 1/4W
R605	61A 602-103-52T	10K OHM 5% 1/6W
R606	61A 602-822-52T	8.2K OHM + - 5% 1/6W
R607	61A 602-222-52T	2.2K OHM + - 5% 1/6W
R608	61A 602-473-52T	47K OHM 5% 1/6W
R609	61A 602-104-52T	100K OHM 5% 1/6W

APPL.	CM736J-AI	SPECIFICATION
R610	61A 602-103-52T	10K OHM 5% 1/6W
R611	61A 602-104-52T	100K OHM 5% 1/6W
R612	61S 602-624-52T	620K OHM + - 5% 1/6W
R613	61A 602-753-52T	75K OHM + - 5% 1/6W
R615	61S 175-229-52T	2.2 OHM 5% 1/2W
R616	61A 602-104-52T	100K OHM 5% 1/6W
R622	61A 602-332-52T	3.3K OHM 5% 1/6W
R623	61S 602-122-52T	1.2KOHM + 5% 1/6W
R624	61A 602-121-52T	120 OHM 5% 1/6W
R626	61A 602-103-52T	10K OHM 5% 1/6W
R627	61A 602-103-52T	10K OHM 5% 1/6W
R628	61A 602-154-52T	150K OHM 5% 1/6W
R629	61A 602-102-52T	1K OHM 5% 1/6W
R630	61A 602-472-52T	4.7K OHM 5% 1/6W
R631	61A 602-102-52T	1K OHM 5% 1/6W
R632	61A 602-152-52T	1.5K OHM + - 5% 1/6W
R633	61A 602-113-52T	11K OHM + - 5% 1/6W
R634	61A 602-473-52T	47K OHM 5% 1/6W
R640	61A 602-103-52T	10K OHM 5% 1/6W
R641	61A 602-102-52T	1K OHM 5% 1/6W
R642	61A 602-753-52T	75K OHM + - 5% 1/6W
R643	61A 602-392-52T	3.9K OHM 5% 1/6W
R644	61A 602-101-52T	100 OHM 5% 1/6W
R645	61A 602-912-52T	9.1K OHM + - 5% 1/6W
R646	61A 602-101-52T	100 OHM 5% 1/6W
R647	61A 602-332-52T	3.3K OHM 5% 1/6W
R648	61A 602-561-52T	560 OHM + - 5% 1/6W
R649	61S 172-102-52T	1K OHM 5% 1/4W
R651	61A 602-103-52T	10K OHM 5% 1/6W
R652	61A 602-103-52T	10K OHM 5% 1/6W
R654	61A 602-103-52T	10K OHM 5% 1/6W
R655	61A 602-124-52T	120K OHM + - 5% 1/6W
R656	61A 602-103-52T	10K OHM 5% 1/6W
R657	61A 602-203-52T	20K OHM 5% 1/6W
R658	61A 602-823-52T	82K OHM + - 5% 1/6W
R659	61A 602-472-52T	4.7K OHM 5% 1/6W
R660	61A 602-103-52T	10K OHM 5% 1/6W
R661	61A 602-103-52T	10K OHM 5% 1/6W
R665	61A 602-183-52T	18K OHM + - 5% 1/6W
R666	61A 602-333-52T	33K OHM 5% 1/6W
R667	61A 602-822-52T	8.2K OHM + - 5% 1/6W
R668	61A 602-222-52T	2.2K OHM + - 5% 1/6W
R669	61A 602-222-52T	2.2K OHM + - 5% 1/6W
R670	61A 602-753-52T	75K OHM + - 5% 1/6W
R671	61A 602-753-52T	75K OHM + - 5% 1/6W
R801	61A 602-102-52T	1K OHM 5% 1/6W
R802	61A 602-103-52T	10K OHM 5% 1/6W
R803	61A 602-822-52T	8.2K OHM + - 5% 1/6W
R804	61A 602-103-52T	10K OHM 5% 1/6W
R805	61A 602-124-52T	120K OHM + - 5% 1/6W
R806	61A 602-472-52T	4.7K OHM 5% 1/6W
R807	61A 602-683-52T	68K OHM + - 5% 1/6W
R808	61A 602-303-52T	30K OHM 5% 1/6W
R809	61A 602-153-52T	15K OHM 5% 1/6W
R810	61A 602-821-52T	820 OHM + - 5% 1/6W
R8100	61S 172-434-52T	430K OHM 5% 1/4W
R811	61A 602-392-52T	3.9K OHM 5% 1/6W
R812	61A 602-123-52T	12K OHM 5% 1/6W
R813	61A 602-223-52T	22K OHM 5% 1/6W
R814	95S 90- 23- A	TIN COATED
R816	61A 602-562-52T	5.6K OHM 5% 1/6W
R817	61A 602-822-52T	8.2K OHM + - 5% 1/6W
R818	61A 602-473-52T	47K OHM 5% 1/6W
R819	61A 602-471-52T	470 OHM + - 5% 1/6W
R820	61A 602-133-52T	13K OHM + - 5% 1/6W
R821	61A 602-123-52T	12K OHM 5% 1/6W
R822	61A 602-153-52T	15K OHM 5% 1/6W
R823	61A 602-473-52T	47K OHM 5% 1/6W
R824	61A 602-102-52T	1K OHM 5% 1/6W
R825	61A 602-102-52T	1K OHM 5% 1/6W
R826	61S 172-221-52T	220 OHM 5% 1/4W
R828	61S 172-331-52T	330 OHM 5% 1/4W
R8301	61A 602-203-52T	20K OHM 5% 1/6W
R8302	61A 602-103-52T	10K OHM 5% 1/6W
R8303	61A 602-153-52T	15K OHM 5% 1/6W
R832	61S 175-104-52T	100K OHM 5% 1/2W
R837	61A 602-623-52T	62K OHM + - 5% 1/6W
R838	61A 602-432-52T	4.3K OHM 5% 1/6W
R839	95S 90- 23- A	TIN COATED

## APPL.

## CM736J-AI

## SPECIFICATION

R840  
R841  
R842  
R843  
R845  
R846  
R847  
R848  
R849  
R850  
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R886  
R889  
R890  
R891  
R892  
R893  
R894  
R896  
R898  
R899  
R9201  
ZD602  
ZD802  
ZD803



61A 602-333-52T  
61A 602-102-52T  
61S 172-103-52T  
61S 175-472-52T  
61S 172-222-52T  
61A 602-102-52T  
61S 172-103-52T  
61A 602-753-52T  
61A 602-102-52T  
61A 602-102-52T  
61S 172-472-52T  
61S 175-472-52T  
95S 90- 23- A  
61A 602-102-52T  
61A 602-103-52T  
61A 602-103-52T  
61A 602-101-52T  
61A 602-363-52T  
61S 172-475-52T  
61A 602-124-52T  
61A 602-823-52T  
61A 602-134-52T  
61S 172-475-52T  
61A 602-104-52T  
61A 602-913-52T  
61S 172-475-52T  
61A 602-104-52T  
61A 602-104-52T  
61A 602-153-52T  
61A 602-153-52T  
61A 602-153-52T  
61A 602-273-52T  
61A 602-273-52T  
61A 602-623-52T  
61A 602-333-52T  
61A 602-154-52T  
61A 602-273-52T  
61A 602-563-52T  
61A 602-124-52T  
61A 602-563-52T  
61S 175-109-52T  
61A 602-103-52T  
61A 602-103-52T  
61A 602-103-52T  
61A 602-333-52T  
61A 602-103-52T  
61A 602-102-52T  
61A 602-102-52T  
61A 602-752-52T  
61S 172-100-52T  
61A 602-331-52T  
61S 175-821-52T  
93D 39- 51-52T  
93D 39- 52-52T  
93D 39- 52-52T

33K OHM 5% 1/6W  
1K OHM 5% 1/6W  
10K OHM 5% 1/4W  
4.7K OHM 5% 1/2W  
2.2K OHM 5% 1/4W  
1K OHM 5% 1/6W  
10K OHM 5% 1/4W  
75K OHM + - 5% 1/6W  
1K OHM 5% 1/6W  
1K OHM 5% 1/6W  
4.7K OHM 5% 1/4W  
4.7K OHM 5% 1/2W  
TIN COATED  
1K OHM 5% 1/6W  
10K OHM 5% 1/6W  
10K OHM 5% 1/6W  
100 OHM 5% 1/6W  
36K OHM 5% 1/6W  
4.7M OHM + - 5% 1/4W  
120K OHM + - 5% 1/6W  
82K OHM + - 5% 1/6W  
130K OHM + - 5% 1/6W  
4.7M OHM + - 5% 1/4W  
100K OHM 5% 1/6W  
91K OHM 5% 1/6W  
4.7M OHM + - 5% 1/4W  
100K OHM 5% 1/6W  
100K OHM 5% 1/6W  
15K OHM 5% 1/6W  
15K OHM 5% 1/6W  
15K OHM 5% 1/6W  
27K OHM + - 5% 1/6W  
27K OHM + - 5% 1/6W  
62K OHM + - 5% 1/6W  
33K OHM 5% 1/6W  
150K OHM 5% 1/6W  
27K OHM + - 5% 1/6W  
56K OHM + - 5% 1/6W  
120K OHM + - 5% 1/6W  
56K OHM + - 5% 1/6W  
1 OHM + - 5% 1/2W  
10K OHM 5% 1/6W  
10K OHM 5% 1/6W  
10K OHM 5% 1/6W  
33K OHM 5% 1/6W  
10K OHM 5% 1/6W  
1K OHM 5% 1/6W  
1K OHM 5% 1/6W  
7.5K OHM + - 5% 1/6W  
100HM + - 55% 1/4W  
330 OHM 5% 1/6W  
820 OHM 5% 1/2W  
ZD 6.2V + - 5% 0.5W  
DIODE  
DIODE

## APPL.

## CM736-AIT

## SPECIFICATION

C124  
C601  
C609  
C610  
C612  
C613  
C614  
C615  
C616  
C620  
C622  
C640  
C642  
C643  
C645  
C649

67A 301-109- 7T  
64A 177- 13-58T  
64A 177- 13-58T  
67A 301-100- 7T  
67A 301-470- 4T  
67A 301-220- 7T  
67A 301-100- 7T  
65S 444-102-13T  
65S 444-103-13T  
67A 301-470- 4T  
67A 301-101- 6T  
64A 177- 1-58T  
67A 301-470- 3T  
65S 452-104-33T  
65S 452-104-33T  
67A 301-101- 3T

1UF + - 20% 50V  
0.01UF J 50V  
0.01UF J 50V  
10UF + - 20% 50V  
47UF + - 20% 25V  
22UF + - 20% 50V  
10UF + - 20% 50V  
1000PF K Z5P 50V  
10000PF K Z5P 50V  
47UF + - 20% 25V  
100UF + - 20% 35V  
0.001UF J 50V  
47UF + - 20% 16V  
.1UF + 80-20% Z5U16V  
.1UF + 80-20% Z5U16V  
100UF + - 20% 16V

APPL.	CM736-AIT	SPECIFICATION
C650	67A 301-101- 3T	100UF + - 20% 16V
C651	65S 444-103-13T	10000PF K Z5P 50V
C801	65S 444-101-13T	100PF K Z5P 50V
C804	65S 444-103-13T	10000PF K Z5P 50V
C805	65S 444-101-13T	100PF K Z5P 50V
C805	65S 444-103-13T	10000PF K Z5P 50V
C807	65S 444-102-13T	1000PF K Z5P 50V
C808	65S 442-221- 1	220PF J NPO 50V
C809	64A 177- 1-58T	0.001UF J 50V
C810	64A 177- 7-58T	0.0033UF J 50V
C813	64A 177- 4-58T	.0018UF + - 5% 50V
C814	67A 310-470- 3T	47UF + - 20% 16V
C815	65S 444-103-13T	10000PF K Z5P 50V
C816	67A 305-101- 4T	100UF + - 20% 25V
C817	64A 177- 7-58T	0.0033UF J 50V
C819	64A 177- 7-58T	0.0033UF J 50V
C821	67A 305-479- 7T	4.7UF + - 20% 50V
C829	67A 305-100- 7T	10UF + - 20% 50V
C830	67A 305-100- 7T	10UF + - 20% 50V
C831	65S 452-104-33T	.1UF + 80-20% Z5U16V
C834	67A 301-109- 7T	1UF + - 20% 50V
C837	67A 305-479- 7T	4.7UF + - 20% 50V
C844	67A 305-109- 7T	1UF + - 20% 50V
C845	67A 305-100- 7T	10UF + - 20% 50V
C846	65S 444-103-13T	10000PF K Z5P 50V
C847	65S 444-102-13T	1000PF K Z5P 50V
C848	64A 177- 1-58T	0.001UF J 50V
C849	64A 177- 1-58T	0.001UF J 50V
C850	65S 444-103-13T	10000PF K Z5P 50V
C851	64A 177- 2-58T	.0012UF + - 5% 50V
C852	65S 444-103-13T	10000PF K Z5P 50V
C856	65S 444-103-13T	10000PF K Z5P 50V
C858	65S 452-104-33T	.1UF + 80-20% Z5U16V
C859	65S 452-104-33T	.1UF + 80-20% Z5U16V
C863	64A 177- 13-58T	0.01UF J 50V
C867	65S 444-103-13T	10000PF K Z5P 50V
C874	64A 177- 1-58T	0.001UF J 50V
C876	64A 177- 1-58T	0.001UF J 50V
C877	64A 177- 5-58T	0.0022UF J 50V
C881	64A 177- 17-58T	0.022UF J 50V
C882	64A 177- 17-58T	0.022UF J 50V
C883	67A 310-470- 3T	47UF + - 20% 16V
Q101	57A 419- P- T	TRAN 2SC945P TAPING
Q102	57A 419- P- T	TRAN 2SC945P TAPING
Q601	57A 420- Q- T	TRAN 2SA733Q TAPING
Q602	57A 419- Q- T	TRAN 2SC945Q TAPING
Q603	57A 521- C- T	TRAN 2SC667C TAPING
Q604	57A 510- 1- T	TR.2SB647 TAPING
Q605	57A 419- Y- T	TR.2SC1815Y
Q606	57A 419- Y- T	TR.2SC1815Y
Q608	57A 419- Y- T	TR.2SC1815Y
Q609	57A 419- P- T	TRAN 2SC945P TAPING
Q610	57A 419- P- T	TRAN 2SC945P TAPING
Q801	57A 419- Q- T	TRAN 2SC945Q TAPING
Q802	57A 530- 3- T	TR.2SD1207U TAPING
Q803	57A 530- 3- T	TR.2SD1207U TAPING
Q806	57A 543- Q- T	TR.2SC1473Q TAPING
Q807	57A 543- Q- T	TR.2SC1473Q TAPING
Q808	57A 444- 1- T	TR.2SA1018QR
Q812	57A 543- Q- T	TR.2SC1473Q TAPING
Q813	57A 543- Q- T	TR.2SC1473Q TAPING
Q816	57A 420- Y- T	TR.2SA1015Y TAPING
Q817	57A 419- P- T	TRAN 2SC945P TAPING

## PARTS LIST OF IC402 ASS'Y

APPL.	705A 734-G56-402	SPECIFICATION
	18T 625- 1-	CLIP
	90T 285- 2-	HEAT SINK
IC402	56A 503- 1-	IC LH2426S/NS

## PARTS LIST OF IC406 ASS'Y

APPL.	705A 734-G56-406	SPECIFICATION
IC406	90T 275- 1- N1S 330- 10-128 56A 133- 12-	HEAT SINK M3X10 3 PIN 12V REGULATOR

## PARTS LIST OF Q951 ASS'Y

APPL.	705A 736J-S57-951	SPECIFICATION
Q951 Q951	5B 42- 1- 32T 3028- 2- 90T 186- 6- N1S 330- 8-128 57A 611- 1- 57A 611- 3-	NYLON MICA INSULATOR HEAT SINK SCREW MOSFET IRF730/HARRIS POWER MOS FET

## PARTS LIST OF IC601 ASS'Y

APPL.	705A 734-M56-601	SPECIFICATION
IC601	90T 183- 2- N1S 330- 10-128 56A 325- 2-	ALUMINUM M3X10 15PIN I.C. TDA1675

## PARTS LIST OF IC808 ASS'Y

APPL.	705A 734-M56-808	SPECIFICATION
IC808	32T 3028- 16- 90T 185- 1- C1S 330- 8-128 56A 133- 12-	MICA ALUMINUM SCR 3MX8MM STEEL 3 PIN 12V REGULATOR

## PARTS LIST OF IC809 ASS'Y

APPL.	705A 734-M56-809	SPECIFICATION
IC809	90T 275- 1- N1S 330- 10-128 56A 133- 15-	HEAT SINK M3X10 3 PIN IC

## PARTS LIST OF Q811 ASS'Y

APPL.	705A 736-M57-811	SPECIFICATION
Q811	1T 442- 2- 5B 39- 8- 32T 3028- 16- 90T 279- 5- M2S 430- 2.4-128 N1S 330- 10-128 57A 683- 1-	SCREW WASHEW MICA HEAT SINK M3 M3X10 POWER TR.2SD1073

## PARTS LIST OF Q804, Q805, Q810 ASS'Y

APPL.	705A 736-M90-278	SPECIFICATION
	5B 39- 8-	WASHER
	32T 3028- 15-	MICA
	32T 3028- 16-	MICA
	90T 278- 2-	HEAT SINK
	M2S 430- 2.4-128	M3
	N1S 330- 10-128	M3X10
Q804	57A 649- 1-	TR.2SC3996
Q805	57A 683- 1-	POWER TR.2SD1073
Q810	57A 551- 1-	TRANSISTOR

## PARTS LIST OF Q806 ASS'Y

APPL.	705A 734-M93-806	SPECIFICATION
	90T 151- 9-	HEAT SINK
	N1S 330- 10-128	M3X10
Q806	93D 330- 1-	F R D E42M-15

## PARTS LIST OF CRT BOARD

APPL.	CRPC-734J	SPECIFICATION
	CR734J-AI	AUTO INSERTION
	CR734J-AIT	AUTO INSERTION
	5B 42- 1-	NYLON
	32T 3028- 14-	MICA
	85T 459- 1-	SHIELD
	87A 402- 1-	CRT SOCKET 17" USE
	90T 166- 3-	HEAT SINK
	96B 25- 10-053	TUBING 0.053" L:5.00MM
	M2S 430- 2.4-128	M3
	N1S 330- 10-128	M3X10
	715A 498- 1-	113.0X138.0X1.6MM
C02	63A 210- 1-	.001UF + - 5% 2000V
C07	64A 177- 7- 58	0.0033UF J 50V
C703	65A 2K-102-2BN	1000PF + - 10% 2KV
C704	67A 301-229- 11	2.2UF + - 20% 200V
C705	65A 571K-103- 2B	10000PF K Z5P 500V
C706	65A 2K-102-2BN	1000PF + - 10% 2KV
CN01	33T 3072- 4-	7P PLUG PLASTIC
CN02	33T 3074- 2-	3P PLUG
L01	73C 259- 4-	200UH + - 5%
L701	73C 145-279-	2.7UH
L702	73C 145-279-	2.7UH
L703	73C 145-279-	2.7UH
NE1	62A 10- 5-	SPARK GAP
NE2	62A 10- 5-	SPARK GAP
NE3	62A 10- 5-	SPARK GAP
NE5	62A 10- 1-	SPARK-GAP
P1	33T 3072- 12-	3P PLUG PLASTIC
P2	33T 3072- 12-	3P PLUG PLASTIC
P3	33T 3072- 12-	3P PLUG PLSTIC
P4	33T 3072- 8-	4P PLUG PLASTIC
P7	33T 3072- 16-	2P PLUG
P8	33T 3278- 3-	3P PLUG B3B-XHA/JST
R36	61A153M-753- 59	75K OHM + - 5% 3W
R37	61A153M-753- 59	75K OHM + - 5% 3W
R704	61S152M-189- 64	1.8 OHM + - 5% 2W
R705	61S152M-189- 64	1.8 OHM + - 5% 2W
TP703	9A 211- 2-	PIN, 1.2X15MM
VR701	75A 334-104-	100K OHM + - 30%

## APPL.

## CR734J-AI

## SPECIFICATION

D02  
D03  
D04  
D05  
D07  
D08  
D701  
D702  
J7201  
J7202  
J7203  
R03  
R04  
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R06  
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R712  
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R714  
R715  
R716  
R717  
R718  
R721  
R722  
R723  
ZD701

93C 64-11R-52T  
93C 64-11R-52T  
93C 64-11R-52T  
93C 64-11R-52T  
93C 64-11R-52T  
93C 64-11R-52T  
93C 64-11H-52T  
93D 60- 21-52T  
95S 90- 23- A  
95S 90- 23- A  
95S 93- 23- A  
61A 602-393-52T  
61S 602-622-52T  
61A 602-153-52T  
61A 602-203-52T  
61A 602-124-52T  
61A 602-124-52T  
61A 602-752-52T  
61A 602-242-52T  
61A 602-153-52T  
61A 602-152-52T  
61A 602-152-52T  
61A 602-101-52T  
61A 602-202-52T  
61A 602-223-52T  
61A 602-753-52T  
61A 602-471-52T  
61S 602-122-52T  
61A 602-681-52T  
61A 602-152-52T  
61A 602-621-52T  
61A 602-103-52T  
61A 602-124-52T  
61A 602-124-52T  
61A 602-103-52T  
61S 602-112-52T  
61A 602-153-52T  
61S 602-122-52T  
61A 602-152-52T  
61A 602-101-52T  
61A 602-102-52T  
61A 602-472-52T  
61S 175-560-52T  
61S 175-560-52T  
61S 175-560-52T  
61A 602-101-52T  
61S 175-332-52T  
61S 175-101-52T  
61S 1772-330-52T  
61s 175-101-52T  
61A 602-304-52T  
61A 602-823-52T  
61A 602-472-52T  
61A 602-103-52T  
61S 175-221-52T  
61S 175-224-52T  
61A 602-561-52T  
61A 602-472-52T  
61A 602-750-52T  
61A 602-750-52T  
61A 602-750-52T  
93D 39- 52-52T

S.W. DIODE 1N4148  
S.W. DIODE 1N4148  
S.W. DIODE 1N4148  
S.W. DIODE 1N4148  
S.W. DIODE 1N4148  
S.W. DIODE 1N4148  
DIODE  
FRD 1.5A 500V  
TIN COATED  
TIN COATED  
TIN COATED  
39K OHM + - 5% 1/6W  
6.2K OHM + - 5% 1/6W  
15K OHM 5% 1/6W  
20K OHM 5% 1/6W  
120K OHM + - 5% 1/6W  
120K OHM + - 5% 1/6  
7.5K OHM + - 5% 1/6W  
2.4K OHM + - 5% 1/6W  
15K OHM 5% 1/6W  
1.5K OHM + - 5% 1/6W  
1.5K OHM + - 5% 1/6W  
100 OHM 5% 1/6W  
2K OHM 5% 1/6W  
22K OHM 5% 1/6W  
75K OHM + - 5% 1/6W  
470 OHM + - 5% 1/6W  
1.2K OHM + 5% 1/6W  
680 OHM + - 5% 1/6W  
1.5K OHM + - 5% 1/6W  
620 OHM + - 5% 1/6W  
10K OHM 5% 1/6W  
120K OHM + - 5% 1/6W  
120K OHM + - 5% 1/6W  
10K OHM 5% 1/6W  
1.1K OHM 5% 1/6W  
15K OHM 5% 1/6W  
1.2K OHM + 5% 1/6W  
1.5K OHM + - 5% 1/6W  
100 OHM 5% 1/6W  
1K OHM 5% 1/6W  
4.7K OHM 5% 1/6W  
56 OHM + - 5% 1/6W  
56 OHM + - 5% 1/6W  
56 OHM + - 5% 1/2W  
100 OHM 5% 1/6W  
3.3K OHM + - 5% 1/2W  
100 OHM + - 5% 1/2W  
33 OHM + - 5% 1/4W  
100 OHM + - 5% 1/2W  
300K OHM + - 5% 1/6W  
82K OHM + - 5% 1/6W  
4.7K OHM 5% 1/6W  
10K OHM 5% 1/6W  
220 OHM 5% 1/2W  
220K OHM + - 5% 1/2W  
560 OHM + -  
4.7K OHM 5% 1/6W  
75 OHM 5% 1/6W  
75 OHM 5% 1/6W  
75 OHM 5% 1/6W  
DIODE

## PARTS LIST OF TR901 ASS'Y

## APPL

## CR734J-AI

## SPECIFICATION

TR901  
TR901

90T 231- 1  
N1S 330- 6-128  
57A 528- 1  
57A 672- 1

HEAT SINK  
SCREW  
TRANSISTOR  
TRIAC BTB16-600B

## PARTS LIST OF Q901, Q902 ASS'Y

APPL.	CR734J-AI	SPECIFICATION
	5B 42- 1	NYLON
	32T 3028- 2	MICA INSULATOR
	90T 292- 2	HEAT SINK
	N1S 330- 10-128	M3X10
Q901	57A 611- 1	MOSFET IRF730/HARRIS
Q901	57A 611- 2	POWER MOS FET IRF730
Q901	57A 611- 3	POWER MOS FET
Q902	57A 611- 1	MOSFET IRF730/HARRIS
Q902	57A 611- 2	POWER MOS FET IRF730
Q902	57A 611- 3	POWER MOS FET

APPL.	CR734J-ATI	SPECIFICATION
C30	65S 442-680-13T	68PF J NPO 50V
C04	67A 305-330- 7T	33UF + - 20% 50V
C05	67A 305-330- 7T	33UF + - 20% 50V
C06	67A 305-330- 7T	33UF + - 20% 50V
C07	64A 177- 7-58T	0.0033UF J 50V
C08	67A 305-109- 7T	1UF + - 20% 50V
C09	65S 444-222-13T	2200PF K Z5P 50V
C11	64A 177- 17-58T	0.022UF J 50V
C12	67A 305-330- 7T	33UF + - 20% 50V
C13	67A 305-330- 7T	33UF + - 20% 50V
C14	67A 305-330- 7T	33UF + - 20% 50V
C701	67A 301-100- 7T	10UF + - 20% 50V
C702	67A 309-478-12T	.47UF + - 20% 250V
Q01	57A 420- Y- T	TR.2SA1015Y TAPING
Q02	57A 420- Y- T	TR.2SA1015Y TAPING
Q03	57A 420- Y- T	TR.2SA1015Y TAPING
Q04	57A 419- P- T	TRAN 2SC945P TAPING
Q05	57A 419- P- T	TRAN 2SC945P TAPING
Q06	57A 420- Q- T	TRAN 2SA733Q TAPING
Q08	57A 419- P- T	TRAN 2SC945P TAPING
Q09	57A 419- P- T	TRAN 2SC945P TAPING
Q10	57A 419- P- T	TRAN 2SC945P TAPING
Q701	57A 543- Q- T	TR.2SC1473 TAPINGA
Q702	57A 543- Q- T	TR.2SC1473Q TAPING
Q703	57A 444- 1- T	TR.2SA1018QR
Q704	57A 444- 1- T	TR.2SA1018QR

## PART LIST OF SIGNAL BOARD

APPL.	SGPC-736J	SPECIFICATION
	SG736-AIT	AUTO INSERTION
	SG736J-AI	AUTO INSERTION
	1T 476- 2-120	SCREW
	9A 211- 2-	PIN, 1.2 x 15MM
	11T 108- 1-	PCB SUPPORT
	85T 482- 1-	SHIELD MICRO
	89A 8205- 3- 2	UL1365#30&5051-3 ASS
	95A 1019-615-4F4	95A101 4C 15''&2521P
	K1S 404-603-128	#6 x 3/8
	705A 734-G56-402	IC402 ASS'Y
	705A 734-G56-406	H/S ASS'Y
	705A 736J-G73-149	EMI FILTER ASSY
	715A 503- C-	197.0 x 246.0 x 1.6MM
	752A 1000- 1-	BNC CONNECTOR ASS'Y
C104	67A 301-339- 7	3.3UF + - 20% 50V
C109	67A 309-101- 4	100UF + - 20% 25V
C405	67A 60-479- 4	4.7UF + - 20% 25V N.P
C410	67A 60-479- 4	4.7UF + - 20% 25V N.P
C415	67A 60-479- 4	4.7UF + - 20% 25V N.P
C418	67A 309-102- 3	1000UF + - 20% 16V
C420	67A 309-221- 3	220UF + - 20% 16V
C439	65S 442-680- 1	68PF J NPO 50V
C443	65S 442-680- 1	68PF J NPO 50V

APPL.	SGPC-736J	SPECIFICATION
C448	67A 201-479- 10	4.7UF + -20% 160V
C449	65A 517K-332- 1A	3300PF K Z5F 500V
C451	65A 517K-103- 1A	10000PF Z5F 500V
C452	67A 305-229- 11	2.2UF + -20% 200V
C454	67A 201-479- 10	4.7UF + -20% 160V
C455	65A 517K-332- 1A	3300PF K Z5F 500V
C457	65A 517K-103- 1A	10000PF Z5F 500V
C458	67A 305-229- 11	2.2UF + -20% 200V
C460	67A 201-479- 10	4.7UF + -20% 160V
C461	65A 517K-332- 1A	3300PF K Z5F 500V
C463	65A 517K-103- 1A	10000PF Z5F 500V
C466	65A 517K-472- 1A	4700PF K Z5F 500V
C471	65A 517K-472- 1A	4700PF K Z5F 500V
C472	65A 517K-472- 1A	4700PF K Z5F 500V
C475	65A 452-104- 3	.1UF +80-20% 16V 25U
C476	65A 452-104- 3	.1UF +80-20% 16V 25U
C477	65A 452-104- 3	.1UF +80-20% 16V 25U
C8211	67A 301-479- 7	4.7UF + -20% 50V
CH4	33T 8013- 4H-	4P PIN RIGHT ANGLE
CN01	33T 3135- 5-	15 PLUG HOUSING
CN952B	33T 8013- 9H-	9P PLUG 90DEGREE
IC101	56A 1125- 1-	40P IC 87C51/PHILIPS
IC102	56A 1124- 1-	8P IC EEPROM PCF8582
IC103	56A 514- 1-	16P IC A TO D CONERT
IC401	56A 504- 1-	18P IC CXA1299P
IC8201	56A 391- 1-	IC M52001SP
IC8202	56A 74LS-221- H	16 PIN IC
IC8203	56A 74LS- 86- H	14 PIN IC
J427	95S 90- 22-	#22 TIN COATED
J480	95S 90- 22-	#22 TIN COATED
L401	73A 253- 17-	33UH + -10% 0.5A
L820	95S 90- 22-	#22 TIN COATED
P101	33T 8013- 7H-	7P PLUG 90 DEG.
P102	33T 8013- 3H-	3P PLUG 2521P03H000
P103	33T 8013- 3H-	3P PLUG 2521P03H000
P5	33T 8013- 3H-	3P PLUG 2521P03H000
P6	33T 8013- 7H-	7P PLUG 90 DEG.
Q404	57A 420- Y-	TRANSISTOR
Q405	57A 420- Y-	TRANSISTOR
R4104	61A 602-822- 65	8.2K OHM 5% 1/6W
R4109	61A 602-122- 65	1.2K OHM 5% 1/6W
R5208	65S 442-270- 1	27PF J NPO 50V
SW404	77A 401- 11-	SLIDE SW
VR401	75A 335-221-	220 OHM + -30%
VR402	75A 335-221-	220 OHM + -30%
VR403	75A 335-221-	220 OHM + -30%
VR404	75A 335-333-	33K OHM + -30%
VR405	75A 335-333-	33K OHM + -30%
VR406	75A 335-333-	33K OHM + -30%
X101	93D 22- 43-	RESONATOR 12.0MHZ
ZD101	93D 39- 52-52T	DIODE

APPL.	SG736J-AI	SPECIFICATION
D101	93C 64-11H-52T	DIODE
D401	93C 64- 19-52T	DIODE 1SS82
D402	93C 64- 19-52T	DIODE 1SS82
D403	93C 64- 19-52T	DIODE 1SS82
D404	93C 64- 19-52T	DIODE 1SS82
D405	93C 64- 19-52T	DIODE 1SS82
D406	93C 64- 19-52T	DIODE 1SS82
D407	93C 64- 19-52T	DIODE 1SS82
D408	93C 64- 19-52T	DIODE 1SS82
D409	93C 64- 19-52T	DIODE 1SS82
D410	93C 64-11H-52T	DIODE 1SS82
D421	93C 64-11H-52T	DIODE
D422	93C 64-11H-52T	DIODE
D423	93C 64-11H-52T	DIODE
C424	93C 64-11H-52T	DIODE
D8203	93C 64- 19-52T	DIODE 1SS82
J1	95S 90- 23- A	TIN COATED
J401	95S 90- 23- A	TIN COATED
J402	95S 90- 23- A	TIN COATED
J403	95S 90- 23- A	TIN COATED

APPL.	SG736J-AI				SPECIFICATION
J404	95S	90-	23-	A	TIN COATED
J405	95S	90-	23-	A	TIN COATED
J406	95S	90-	23-	A	TIN COATED
J407	95S	90-	23-	A	TIN COATED
J408	95S	90-	23-	A	TIN COATED
J409	95S	90-	23-	A	TIN COATED
J410	95S	90-	23-	A	TIN COATED
J411	95S	90-	23-	A	TIN COATED
J412	95S	90-	23-	A	TIN COATED
J413	95S	90-	23-	A	TIN COATED
J414	95S	90-	23-	A	TIN COATED
J415	95S	90-	23-	A	TIN COATED
J416	95S	90-	23-	A	TIN COATED
J417	95S	90-	23-	A	TIN COATED
J418	95S	90-	23-	A	TIN COATED
J419	95S	90-	23-	A	TIN COATED
J420	95S	90-	23-	A	TIN COATED
J421	95S	90-	23-	A	TIN COATED
J422	95S	90-	23-	A	TIN COATED
J423	95S	90-	23-	A	TIN COATED
J424	95S	90-	23-	A	TIN COATED
J425	95S	90-	23-	A	TIN COATED
J426	95S	90-	23-	A	TIN COATED
J428	95S	90-	23-	A	TIN COATED
J429	95S	90-	23-	A	TIN COATED
J430	95S	90-	23-	A	TIN COATED
J431	95S	90-	23-	A	TIN COATED
J432	95S	90-	23-	A	TIN COATED
J433	95S	90-	23-	A	TIN COATED
J434	95S	90-	23-	A	TIN COATED
J435	95S	90-	23-	A	TIN COATED
J436	95S	90-	23-	A	TIN COATED
J437	95S	90-	23-	A	TIN COATED
J438	95S	90-	23-	A	TIN COATED
J439	95S	90-	23-	A	TIN COATED
J440	95S	90-	23-	A	TIN COATED
J441	95S	90-	23-	A	TIN COATED
J442	95S	90-	23-	A	TIN COATED
J443	95S	90-	23-	A	TIN COATED
J444	95S	90-	23-	A	TIN COATED
J445	95S	90-	23-	A	TIN COATED
J446	95S	90-	23-	A	TIN COATED
J447	95S	90-	23-	A	TIN COATED
J448	95S	90-	23-	A	TIN COATED
J449	95S	90-	23-	A	TIN COATED
J450	95S	90-	23-	A	TIN COATED
J451	95S	90-	23-	A	TIN COATED
J452	95S	90-	23-	A	TIN COATED
J453	95S	90-	23-	A	TIN COATED
J454	95S	90-	23-	A	TIN COATED
J455	95S	90-	23-	A	TIN COATED
J456	95S	90-	23-	A	TIN COATED
J457	95S	90-	23-	A	TIN COATED
J458	95S	90-	23-	A	TIN COATED
J459	95S	90-	23-	A	TIN COATED
J460	95S	90-	23-	A	TIN COATED
J461	95S	90-	23-	A	TIN COATED
J462	95S	90-	23-	A	TIN COATED
J463	95S	90-	23-	A	TIN COATED
J464	95S	90-	23-	A	TIN COATED
J465	95S	90-	23-	A	TIN COATED
J466	95S	90-	23-	A	TIN COATED
J467	95S	90-	23-	A	TIN COATED
J468	95S	90-	23-	A	TIN COATED
J469	95S	90-	23-	A	TIN COATED
J470	95S	90-	23-	A	TIN COATED
J471	95S	90-	23-	A	TIN COATED
J472	95S	90-	23-	A	TIN COATED
J473	95S	90-	23-	A	TIN COATED
J474	95S	90-	23-	A	TIN COATED
J475	95S	90-	23-	A	TIN COATED
J476	95S	90-	23-	A	TIN COATED
J477	95S	90-	23-	A	TIN COATED
J478	95S	90-	23-	A	TIN COATED
J479	95S	90-	23-	A	TIN COATED
J482	95S	90-	23-	A	TIN COATED
J483	95S	90-	23-	A	TIN COATED
J484	95S	90-	23-	A	TIN COATED
R101	61A	602-471-52T			470 OHM + - 5% 1/6W

## APPL.

## SG736J-AI

## SPECIFICATION

R102	61A 602-471-52T	470 OHM + - 5% 1/6W
R103	95S 90- 23- A	TIN COATED
R104	61A 602-152-52T	1.5K OHM + - 5% 1/6W
R105	61A 602-102-52T	1K OHM 5% 1/6W
R106	61A 602-102-52T	1K OHM 5% 1/6W
R107	61S 175-221-52T	220 OHM 5% 1/2W
R108	61A 602-102-52T	1K OHM 5% 1/6W
R109	61A 602-103-52T	10K OHM 5% 1/6W
R401	61S 172-151-52T	150 OHM 5% 1/4W
R402	61A 602-822-52T	8.2K OHM + - 5% 1/6W
R403	61A 602-512-52T	5.1K OHM 5% 1/6W
R404	61A 602-470-52T	47 OHM + - 5% 1/6W
R405	61A 602-750-52T	75 OHM 5% 1/6W
R406	61A 602-151-52T	150 OHM + - 5% 1/6W
R407	61A 602-513-52T	51K OHM + - 5% 1/6W
R408	61A 602-222-52T	2.2K OHM + - 5% 1/6W
R409	61A 602-203-52T	20K OHM 5% 1/6W
R410	61A 602-513-52T	51K OHM + - 5% 1/6W
R4100	61S 172-271-52T	270 OHM + - 5% 1/4W
R4101	61A 602-222-52T	2.2K OHM + - 5% 1/6W
R4102	61A 602-222-52T	2.2K OHM + - 5% 1/6W
R4103	61A 172-109-52T	1 OHM + - 5% 1/4W
R4105	61A 602-102-52T	1K OHM 5% 1/6W
R4106	61A 602-183-52T	18K OHM + - 5% 1/6W
R4107	61S 175-471-52T	4700OHM + - 5% 1/2W
R4108	61A 602-100-52T	10 OHM + - 5% 1/6W
R411	61S 172-151-52T	150 OHM 5% 1/4W
R4110	95S 90- 23- A	TIN COATED
R4111	61S 172-102-52T	1K OHM 5% 1/4W
R4112	61S 602-122-52T	1.2K OHM + 5% 1/6W
R4113	61A 602-242-52T	2.4KOHM + - 5% 1/6W
R412	61A 602-822-52T	8.2K OHM + - 5% 1/6W
R413	61A 602-512-52T	5.1K OHM 5% 1/6W
R414	61A 602-470-52T	47 OHM + - 5% 1/6W
R415	61A 602-750-52T	75 OHM 5% 1/6W
R416	61A 602-151-52T	150 OHM + - 5% 1/6W
R419	61A 602-363-52T	36K OHM 5% 1/6W
R420	61A 602-363-52T	36K OHM 5% 1/6W
R421	61S 172-151-52T	150 OHM 5% 1/4W
R422	61A 602-822-52T	8.2K OHM + - 5% 1/6W
R423	61A 602-512-52T	5.1K OHM 5% 1/6W
R424	61A 602-470-52T	47 OHM + - 5% 1/6W
R425	61A 602-750-52T	75 OHM 5% 1/6W
R426	61A 602-151-52T	150 OHM + - 5% 1/6W
R431	61A 602-103-52T	10K OHM 5% 1/6W
R432	61A 602-332-52T	3.3K OHM 5% 1/6W
R433	61A 602-103-52T	10K OHM 5% 1/6W
R434	61A 602-332-52T	3.3K OHM 5% 1/6W
R435	61A 602-101-52T	100 OHM 5% 1/6W
R436	61A 175-241-52T	240 OHM + - 5% 1/2W
R437	61A 602-221-52T	220 OHM + - 5% 1/6W
R438	61S 602-201-52T	200 OHM + - 5% 1/6W
R439	61S 172-331-52T	330 OHM 5% 1/4W
R440	61S 172-332-52T	3300 OHM 5% 1/4W
R441	61S 172-511-52T	510 OHM 5% 1/4W
R442	61S 175-101-52T	100 OHM + - 5% 1/2W
R443	61A 602-101-52T	100 OHM 5% 1/6W
R444	61A 175-241-52T	240 OHM + - 5% 1/2W
R445	61A 602-221-52T	220 OHM + - 5% 1/6W
R446	61A 602-151-52T	150 OHM + - 5% 1/6W
R447	61S 172-331-52T	330 OHM 5% 1/4W
R448	61S 172-332-52T	3300 OHM 5% 1/4W
R449	61S 172-511-52T	510 OHM 5% 1/4W
R450	61S 175-101-52T	100 OHM + - 5% 1/2W
R451	61A 602-101-52T	100 OHM 5% 1/6W
R452	61A 175-241-52T	240 OHM + - 5% 1/2W
R453	61A 602-221-52T	220 OHM + - 5% 1/6W
R454	61A 602-151-52T	150 OHM + - 5% 1/6W
R455	61S 172-331-52T	330 OHM 5% 1/4W
R456	61S 172-332-52T	3300 OHM 5% 1/4W
R457	61S 172-511-52T	510 OHM 5% 1/4W
R458	61S 175-101-52T	100 OHM + - 5% 1/2W
R459	61S 602-301-52T	300 OHM + - 5% 1/6W
R460	61A 602-332-52T	3.3K OHM 5% 1/6W
R461	61S 175-472-52T	4.7K OHM 5% 1/2W
R464	61A 602-304-52T	300K OHM + - 5% 1/6W
R465	61S 602-301-52T	300 OHM + - 5% 1/6W
R466	61A 602-332-52T	3.3K OHM 5% 1/6W
R467	61S 175-472-52T	4.7K OHM 5% 1/2W

## APPL.

## SG736J-AI

## SPECIFICATION

R470	61A 602-304-52T	300K OHM + - 5% 1/6W
R471	61S 602-301-52T	300 OHM + - 5% 1/6W
R472	61A 602-332-52T	3.3K OHM 5% 1/6W
R473	61S 175-472-52T	4.7K OHM 5% 1/2W
R476	61A 602-304-52T	300K OHM + - 5% 1/6W
R477	95S 90- 23- A	TIN COATED
R478	95S 90- 23- A	TIN COATED
R479	61S 172-563-52T	56K OHM 5% 1/4W
R481	61A 602-153-52T	15K OHM 5% 1/6W
R482	61A 602-103-52T	10K OHM 5% 1/6W
R483	95S 90- 23- A	TIN COATED
R484	95S 90- 23- A	TIN COATED
R485	95S 90- 23- A	TIN COATED
R486	61S 172-563-52T	56K OHM 5% 1/4W
R487	61A 602-153-52T	15K OHM 5% 1/6W
R488	61A 602-103-52T	10K OHM 5% 1/6W
R489	95S 90- 23- A	TIN COATED
R490	95S 90- 23- A	TIN COATED
R491	95S 90- 23- A	TIN COATED
R492	61S 172-563-52T	56K OHM 5% 1/4W
R493	61A 602-153-52T	15K OHM 5% 1/6W
R494	61A 602-103-52T	10K OHM 5% 1/6W
R495	95S 90- 23- A	TIN COATED
R496	61A 602-202-52T	2K OHM 5% 1/6W
R497	61A 602-221-52T	220 OHM + - 5% 1/6W
R499	61A 602-104-52T	100K OHM 5% 1/6W
R8203	61S 172-821-52T	820 OHM 5% 1/4W
R8207	61S 172-103-52T	10K OHM 5% 1/4W
R8209	61S 172-103-52T	10K OHM 5% 1/4W
R8215	61A 602-104-52T	100K OHM 5% 1/6W
R8216	61A 602-273-52T	27K OHM + - 5% 1/6W
R8217	61A 602-104-52T	100K OHM 5% 1/6W
R8218	61A 602-104-52T	100K OHM 5% 1/6W
R8219	61A 602-104-52T	100K OHM 5% 1/6W
R8221	61A 602-823-52T	82K OHM + - 5% 1/6W
R8222	61A 602-333-52T	33K OHM 5% 1/6W
R8223	61S 172-221-52T	220 OHM 5% 1/4W
R8224	61A 602-102-52T	1K OHM 5% 1/6W
R8225	61A 602-563-52T	56K OHM + - 5% 1/6W
R8226	61S 172-151-52T	150 OHM 5% 1/4W
ZD404	93D 39- 52-52T	DIODE
ZD8201	93D 39- 52-52T	DIODE
ZD8202	93D 39- 52-52T	DIODE
ZD8203	93D 39- 52-52T	DIODE
ZD8204	93D 39-49P-52T	ZD 2.8/3.3V RD3.0EB2
ZD8205	93C 39-109-52T	1.88V-2.10V DIODE

## APPL.

## SG736-AIT

## SPECIFICATION

C101	65S 442-330-13T	33PF J NPO 50V
C102	65S 442-330-13T	33PF J NPO 50V
C103	65S 444-103-13T	10000PF K 25P 50V
C105	65S 444-103-13T	10000PF K 25P 50V
C107	65S 444-103-13T	10000PF K 25P 50V
C108	65S 444-103-13T	10000PF K 25P 50V
C110	65S 444-103-13T	10000PF K 25P 50V
C111	67A 301-109- 7T	1UF + - 20% 50V
C112	67A 301-109- 7T	1UF + - 20% 50V
C401	67A 310-470- 3T	47UF + - 20% 16V
C402	67A 301-100- 7T	10UF + - 20% 50V
C403	67A 310-100- 7T	10UF + - 20% 50V
C406	67A 310-470- 3T	47UF + - 20% 16V
C407	67A 310-100- 7T	10UF + - 20% 50V
C408	67A 310-100- 7T	10UF + - 20% 50V
C411	67A 310-470- 3T	47UF + - 20% 16V
C412	67A 301-100- 7T	10UF + - 20% 50V
C413	67A 310-100- 7T	10UF + - 20% 50V
C416	67A 301-100- 7T	10UF + - 20% 50V
C417	67A 301-100- 7T	10UF + - 20% 50V
C419	65S 444-103-13T	10000PF K 25P 50V
C421	64A 177- 13-58T	0.01UF J 50V
C422	64A 177- 17-58T	0.022UF J 50V
C423	65S 444-103-13T	10000PF K 25P 50V
C424	65S 444-103-13T	10000PF K 25P 50V

APPL.	SG736-AIT	SPECIFICATION
C426	64A 177- 13-58T	0.01UF J 50V
C427	65S 444-103-13T	10000PF K 25P 50V
C428	65S 444-103-13T	10000PF K 25P 50V
C431	65S 444-103-13T	10000PF K 25P 50V
C432	65S 444-103-13T	10000PF K 25P 50V
C435	65S 442-680-13T	68PF J NPO 50V
C436	65S 442-560-13T	56PF J NPO 50V
C438	65S 442-560-13T	56PF J NPO 50V
C440	65S 442-560-13T	56PF J NPO 50V
C442	65S 442-560-13T	56PF J NPO 50V
C444	65S 442-560-13T	56PF J NPO 50V
C446	65S 442-560-13T	56PF J NPO 50V
C447	67A 305-479- 9T	4.7UF + -20% 100V
C450	67A 305-100- 9T	10UF + -20% 100V
C453	67A 305-479- 9T	4.7UF + -20% 100V
C456	57A 305-100- 9T	10UF + -20% 100V
C459	67A 305-479- 9T	4.7UF + -20% 100V
C462	67A 305-100- 9T	10UF + -20% 100V
C464	67A 301-229-11T	2.2UF + -20% 200V
C465	67A 305-100-10T	10UF + -20% 160V
C467	67A 301-470- 7T	47UF + -20% 50V
C468	67A 301-109- 7T	1UF + -20% 50V
C469	67A 301-109- 7T	1UF + -20% 50V
C470	67A 301-101- 4T	100UF + -20% 25V
C473	65S 444-103-13T	10000PF K 25P 50V
C474	65S 444-103-13T	10000PF K 25P 50V
C8201	67A 310-470- 3T	47UF + -20% 16V
C8202	65S 444-103-13T	10000PF K 25P 50V
C8203	67A 310-100- 7T	10UF + -20% 50V
C8207	67A 301-478- 7T	0.47UF + -20% 50V
C8208	64A 177- 2-58T	.0012UF + -5% 50V
C8209	64A 177- 9-58T	0.0047UF J 50V
C8210	67A 301-109- 7T	1UF + -20% 50V
C8212	67A 301-109- 7T	1UF + -20% 50V
C8213	67A 301-478- 7T	0.47UF + -20% 50V
C8214	67A 301-479- 7T	4.7UF + -20% 50V
C8215	67A 301-478- 7T	0.47UF + -20% 50V
C8216	64A 177- 5-58T	0.0022UF J 50V
C8217	65S 442-330-13T	33PF J NPO 50V
C8218	65A 442-121-13T	120PF 5% NPO 50V
C8219	65A 442-121-13T	120PF 5% NPO 50V
C8221	67A 301-101- 3T	100UF + -20% 16V
C8222	65S 444-103-13T	10000PF K 25P 50V
C8223	67A 301-101- 3T	100UF + -20% 16V
C8224	65S 444-103-13T	10000PF K 25P 50V
C8225	67A 301-101- 3T	100UF + -20% 16V
Q401	57A 419- Q- T	TRAN 2SC945Q TAPING
Q402	57A 419- Q- T	TRAN 2SC945Q TAPING
Q403	57A 419- Q- T	TRAN 2SC945Q TAPING
Q405	57A 419- Q- T	TRAN 2SC945Q TAPING
Q407	57A 419- Q- T	TRAN 2SA733Q TAPING
Q408	57A 419- Q- T	TRAN 2SA733Q TAPING
Q409	57A 419- Q- T	TRAN 2SC945Q TAPING
Q411	57A 420- Q- T	TRAN 2SA733Q TAPING
Q412	57A 420- Q- T	TRAN 2SA733Q TAPING
Q413	57A 419- Q- T	TRAN 2SC945Q TAPING
Q415	57A 420- Q- T	TRAN 2SA733Q TAPING
Q416	57A 420- Q- T	TRAN 2SA733Q TAPING
Q417	57A 419- Q- T	TRAN 2SC945Q TAPING
Q420	57A 420- Q- T	TRAN 2SA733Q TAPING
Q421	57A 419- Q- T	TRAN 2SC945Q TAPING
Q425	57A 444- 1- T	TR.2SA1018QR
Q426	57A 444- 1- T	TR.2SA1018QR
Q427	57A 444- 1- T	TR.2SA1018QR

## PARTS LIST OF KEY BOARD

APPL.	KEPC-736J	SPECIFICATION
	15T 5581- 1	BRACKET
	33T 3516- 1	KNOB
	95A 1069-724- 2	95A106-2&33A8012-2
	95A 1069-728- 3	UL2468#26 28" & 2521S SCREW
	K1S 404-602-128	#6 x 1/4

APPL.	KEPC-736J	SPECIFICATION
H101	95A 1069- 623- 7	95A101-12&33A8012-7
H8	95A 1069- 620- 3	95A101-9 20''&2520S-3
J101	95S 90- 23- A	TIN COATED
J102	95S 90- 23- A	TIN COATED
J103	95S 90- 23- A	TIN COATED
S953	77A 600- 1-	TACT SWITCH
SW101	77A 600- 1-	TACT SWITCH
SW102	77A 600- 1-	TACT SWITCH
SW103	77A 600- 1-	TACT SWITCH
SW104	77A 600- 1-	TACT SWITCH
SW105	77A 600- 1-	TACT SWITCH
SW106	77A 600- 1-	TACT SWITCH
SW107	77A 600- 1-	TACT SWITCH
SW108	77A 600- 1-	TACT SWITCH
VR407	75A 347- 502- 23G	5K OHM + - 20%
VR702	75A 347- 104- 53G	100K OHM + - 20%

## PARTS LIST OF SWITCHING POWER SUPPLY

APPL.	SPPC-736J	SPECIFICATION
	SP736J-AI	AUTO INSERTION
	SP736J-AIT	AUTO INSERTION
	2T 222- 1- 120	STAND-OFF M4
	2T 224- 1- 120	NUT N4 WASHER
	40A 156- 15- 1	WARNING LABEL
	71A 55- 2-	FERRITE BEAD
	84C 33- 7-	FUSE CLIP
	K1S 240- 6- 120	SCREW
	K1S 404- 603- 128	#6 x 3/8
	705A 736J- S57- 901	TR901 ASSY
	705A 736J- S57- 902	Q901/902 ASSY
	705A 736J- S57- 951	Q951 ASSY
	715A 504- 1-	197.0 x 180.0 x 1.6MM
BR901	93A 52- 46-	BRIDG. RECT. RS205
C901	63A 107- 224- 3	.22UF + - 20% 250V. AC
C901	63A 107- 224- 4	.22UF + - 20% 250V. AC
C904	65A 305M- 472- 2B	4700P + - 20% 400VAC
C905	65A 305M- 472- 2B	4700P + - 20% 400VAC
C906	67A 30- 331- 14B	330UF + - 20% 400V
C906	67A 30- 331- 14H	330UF + - 20% 400V
C911	65A 1K- 561- 2RS	560PF + - 10% 1KV
C913	65A 1K- 561- 2RS	560PF + - 10% 1KV
C929	65A 305M- 472- 2B	4700P + - 20% 400VAC
C950	67A 215- 221- 9	220UF + - 20% 100V
C951	67A 215- 221- 9	220UF + - 20% 100V
C952	67A 215- 102- 6	1000UF + - 20% 35V
C953	67A 305- 102- 4	1000UF + - 20% 25V
C954	67A 305- 222- 2	2200UF + - 20% 10V
C955	67A 309- 471- 6	4700UF + - 20% 35V
C956	65A 1K- 561- 2RS	560PF + - 10% 1KV
C959	67A 305- 221- 12	220UF + - 20% 250V
C951	67A 309- 100- 12	10UF + - 20% 250V
C970	67A 309- 471- 6	470UF + - 20% 35V
C971	67A 309- 330- 10M	33UF + - 20% 160V
C972	67A 305- 330- 9	33UF + - 20% 100V
C974	67A 305- 102- 4	1000UF + - 20% 25V
C978	65A 305M- 472- 2B	4700P + - 20% 400VAC
CN951A	33T 8013- 12-	PLUG. 12PIN
CN952A	33T 8013- 11-	11P PLUG 2521S
D901	93A 52- 51- 66	RECTIFIER IN5407
D901	93A 52- 41A- 66	RECT. 30D6/IR KINK
D902	93A 52- 51- 66	RECTIFIER IN5407
D902	93A 52- 41A- 66	RECT. 30D6/IR KINK
D903	93A 52- 51- 66	RECTIFIER IN5407
D903	93A 52- 41A- 66	RECT. 30D6/IR KINK
D904	93A 52- 51- 66	RECTIFIER IN5407
D904	93A 52- 41A- 66	RECT. 30D6/IR KINK
D950	93A 3040- 1-	F.R.D. 400V/3A
D951	93A 60- 73A-	F.R.D. 3A/400V
D952	93A 3040- 1-	F R D 400V/3A
D953	93A 3020- 3-	F R D 200V/3A
D954	93A 3020- 2-	F R D BYW98-200
D959	93A 60- 73A	F R D 31DF4



APPL.	SP736J-AI	SPECIFICATION
D973	93C 64- 11H-52T	DIODE
D974	93C 64- 11H-52T	DIODE
J901	95S 90- 23- A	TIN COATED
J902	95S 90- 23- A	TIN COATED
J903	95S 90- 23- A	TIN COATED
J904	95S 90- 23- A	TIN COATED
J905	95S 90- 23- A	TIN COATED
J906	95S 90- 23- A	TIN COATED
J907	95S 90- 23- A	TIN COATED
J908	95S 90- 23- A	TIN COATED
J909	95S 90- 23- A	TIN COATED
J910	95S 90- 23- A	TIN COATED
J911	95S 90- 23- A	TIN COATED
J912	95S 90- 23- A	TIN COATED
J913	95S 90- 23- A	TIN COATED
J914	95S 90- 23- A	TIN COATED
J915	95S 90- 23- A	TIN COATED
J916	95S 90- 23- A	TIN COATED
J917	95S 90- 23- A	TIN COATED
J918	95S 90- 23- A	TIN COATED
J919	95S 90- 23- A	TIN COATED
J920	95S 90- 23- A	TIN COATED
J921	95S 90- 23- A	TIN COATED
J922	95S 90- 23- A	TIN COATED
J923	95S 90- 23- A	TIN COATED
J924	95S 90- 23- A	TIN COATED
J925	95S 90- 23- A	TIN COATED
J926	95S 90- 23- A	TIN COATED
J927	95S 90- 23- A	TIN COATED
J928	95S 90- 23- A	TIN COATED
J929	95S 90- 23- A	TIN COATED
L954	95S 90- 23- A	TIN COATED
R900	61A 175L- 474-52T	470K OHM 5% 1/2W
R901	61A 175L- 474-52T	470K OHM 5% 1/2W
R905	61A 602- 472-52T	4.7K OHM 5% 1/6W
R906	61S 208- 102- 64	1K OHM 5% 1W
R907	61A 602- 103-52T	10K OHM 5% 1/6W
R908	61A 602- 103-52T	10K OHM 5% 1/6W
R911	61S 175L- 124-52T	120K OHM 5% 1/2W
R912	61S 175L- 124-52T	120K OHM 5% 1/2W
R914	61S 175L- 470-52T	47 OHM + -5% 1/2W
R915	61A 602- 183-52T	18K OHM + -5% 1/6W
R917	61S 175L- 470-52T	47 OHM + -5% 1/2W
R918	61A 602- 183-52T	18K OHM + -5% 1/6W
R920	61S 202- 339-52T	3.3 OHM + -5% 1/4W
R921	61A 602- 272-52T	2.7 KOHM 5% 1/6W
R922	61S 200- 131-52T	130 OHM 1% 1/4W
R923	61A 602- 133-52T	13K OHM +/-5% 1/6W
R924	61A 602- 133-52T	13K OHM +/-5% 1/6W
R925	61A 602- 271-52T	270 OHM + -5% 1/6W
R926	61A 602- 272-52T	2.7K OHM 5% 1/6W
R927	61A 602- 271-52T	270 OHM + -5% 1/6W
R928	61A 602- 202-52T	2K OHM 5% 1/6W
R929	61A 602- 101-52T	100 OHM 5% 1/6W
R930	61A 602- 202-52T	2K OHM 5% 1/6W
R931	61A 602- 823-52T	82K OHM + -5% 1/6W
R932	61S 602- 132-52T	1.3K OHM + -5% 1/6W
R933	61A 602- 912-52T	9.1K OHM + -5% 1/6W
R934	61A 602- 183-52T	18K OHM + -5% 1/6W
R935	61S 172- 272-52T	2.7K OHM 5% 1/4W
R936	61S 172- 220-52T	22 OHM 5% 1/4W
R937	61S 172- 101-52T	100 OHM 5% 1/4W
R938	61A 602- 102-52T	1K OHM 5% 1/6W
R939	61A 602- 913-52T	91K OHM 5% 1/6W
R940	61A 602- 102-52T	1K OHM 5% 1/6W
R942	61S 602- 132-52T	1.3K OHM + -5% 1/6W
R943	61A 602- 100-52T	10 OHM + -5% 1/6W
R944	61A 602- 102-52T	1K OHM 5% 1/6W
R953	61S 175- 203-52T	20K OHM + -5% 1/2W
R954	61A 602- 822-52T	8.2K OHM + -5% 1/6W
R955	61A 602- 101-52T	100 OHM 5% 1/6W
R956	61S 172- 822-52T	8.2K OHM 5% 1/4W
R957	61S 175- 103-52T	10K OHM + -5% 1/4W
R958	61A 602- 391-52T	390 OHM + -5% 1/2W
R960	61A 175L- 154-52T	150K + -5% 1/2W
R961	61A 602- 333-52T	33K OHM 5% 1/6W
R962	61A 602- 333-52T	33K OHM 5% 1/6W
R963	61A 602- 221-52T	220 OHM + -5% 1/6W
R964	61A 602- 300-52T	30 OHM + -5% 1/6W

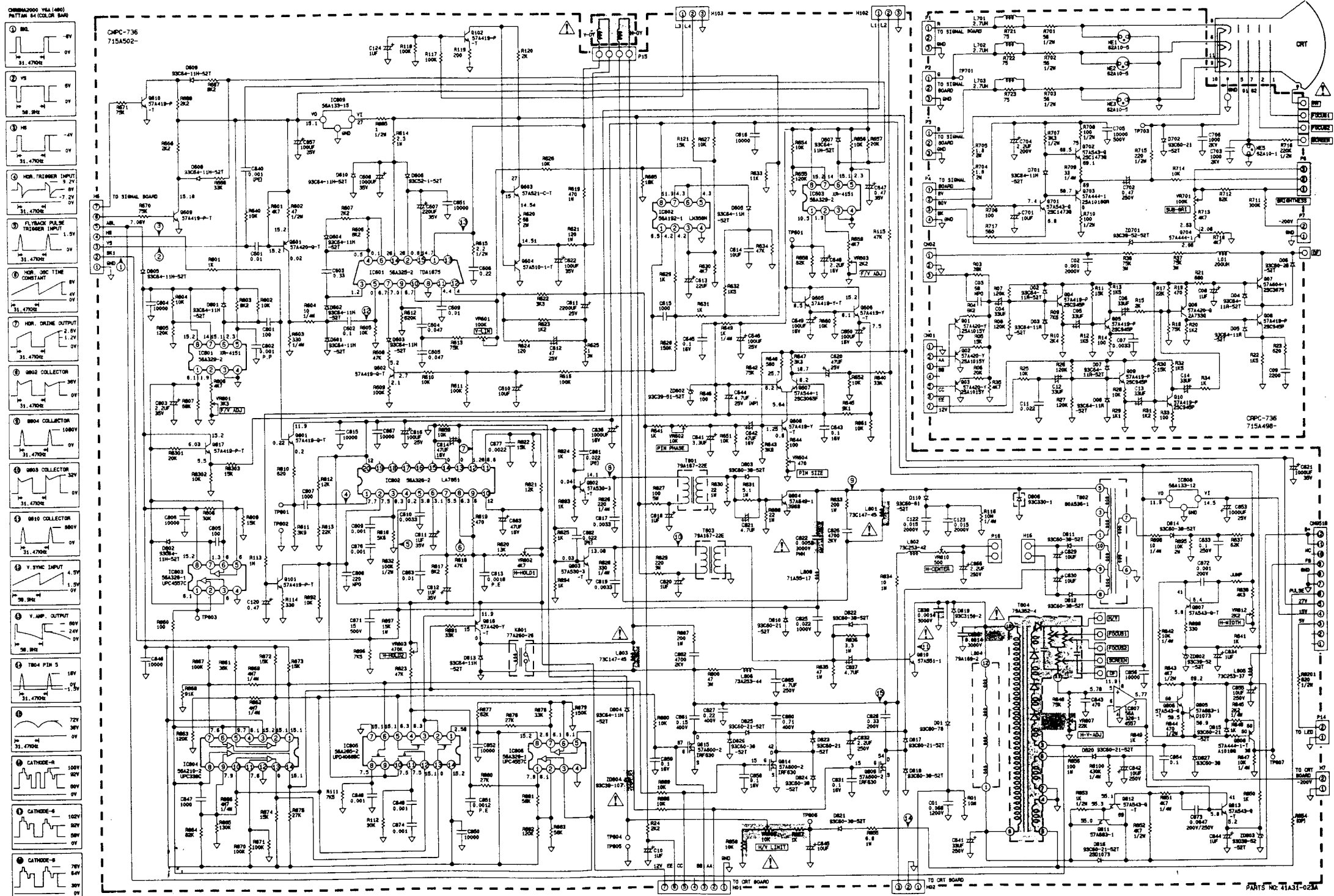
## APPL.

## SP736J-AI

## SPECIFICATION

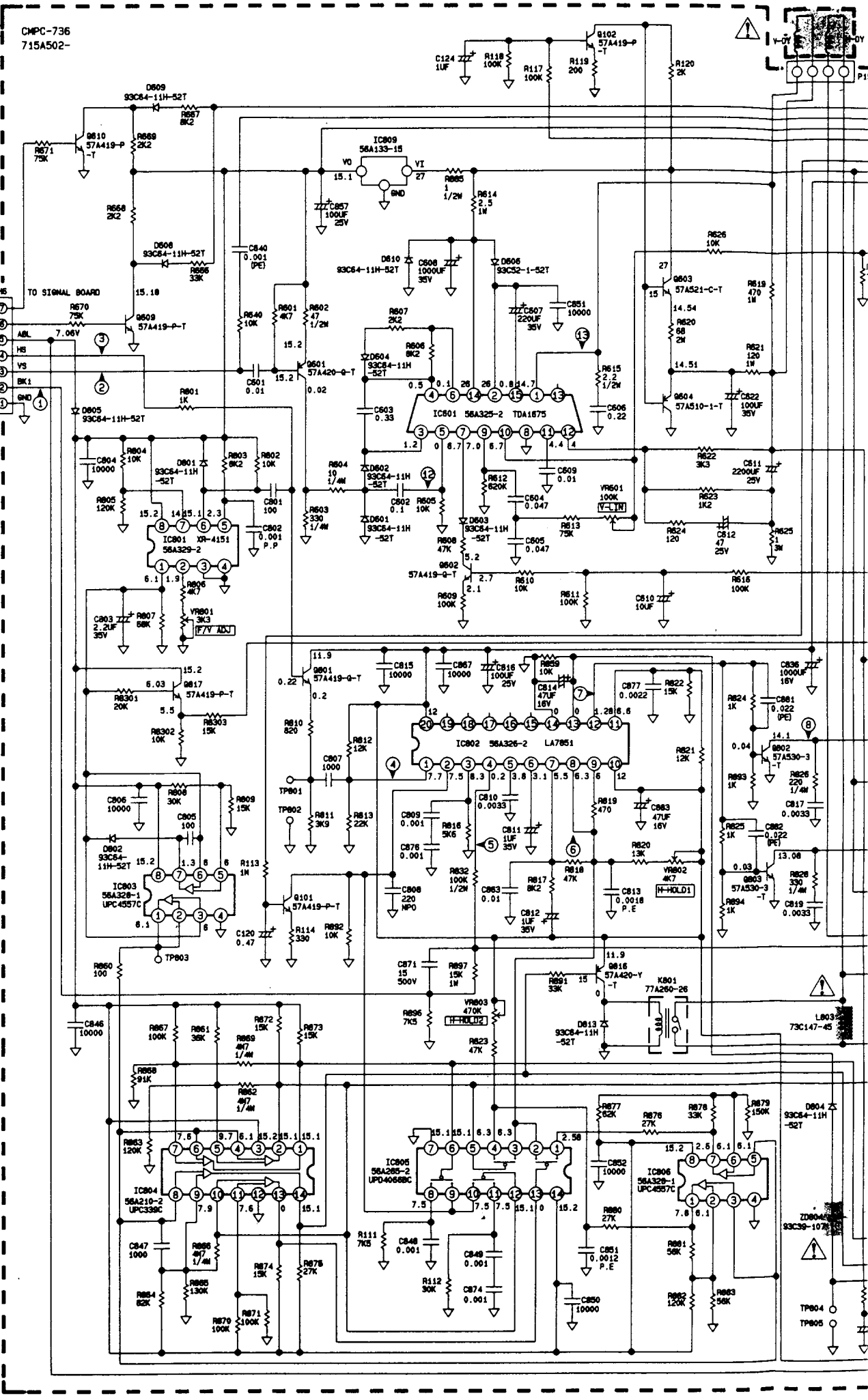
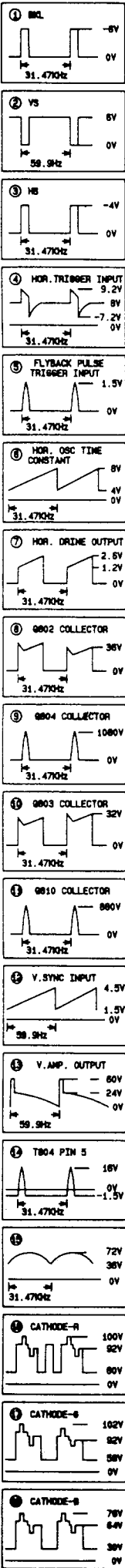
R965	61A 602-100-52T	10 OHM + - 5% 1/6W
R966	61A 602-103-52T	10K OHM 5% 1/6W
R967	61A 602-102-52T	1K OHM 5% 1/6W
R968	61A 602-152-52T	1.5K OHM + - 5% 1/6W
R970	61A 602-202-52T	2K OHM 5% 1/6W
R971	61A 175L-470-52T	47 OHM + - 5% 1/2W
R972	61A 602-204-52T	300K OHM + - 5% 1/6W
R973	61A 602-113-52T	11K KOHM + - 5% 1/6W
R974	61S 172-220-52T	22 OHM 5% 1/4W
R975	61A 602-433-52T	43K OHM + / - 5% 1/6W
R976	61A 602-242-52T	2.4K OHM + / - 5% 1/6W
R977	61S 172-181-52T	180 OHM + - 5% 1/4W
R978	61S 172-100-52T	100OHM + - 5% 1/4W
R979	61A 602-153-52T	15K OHM 5% 1/6W
R980	61A 602-103-52T	10K OHM 5% 1/6W
R981	61A 602-101-52T	100 OHM 5% 1/6W
R982	61S 172-510-52T	510OHM + - 5% 1/4W
R983	61S 172-151-52T	150 OHM 5% 1/4W
R984	61S 172-332-52T	3300 OHM 5% 1/4W
R985	61S 172-417-52T	470 OHM 5% 1/4W
R986	61S 175-513-52T	51K OHM + - 5% 1/2W
Z0901	93D 39-i24-52T	ZD 18-2/HITCHI
ZD902	93D 39-119-52T	ZD HZ22-2/HITACHI
ZD905	93C 39-118-52T	ZD HZC1/HITACHI TAP
ZD950	93C 39- 55-52T	30V + - 5% ZENER DIODE
ZD951	93D 39- 80-52T	9.1V + - 5% 1/2W
ZD952	93D 39-118-52T	ZD HZ2C1/HITACHI TAP
ZD953	93D 39- 80-52T	9.1V + - 5% 1/2W
ZD954	93D 39-118-52T	ZD HZ2C1/HITACHI TAP
ZD955	93D 39-102-52T	ZD HZ20-1 TAPING
C907	67A 305-109- 7T	1UF + - 20% 50V
C908	65S 444-103-13T	10000PF K Z5P 50V
C909	67A 305-479- 7T	4.7UF + - 20% 50V
C910	67A 305-108- 7T	0.1UF + - 20% 50V
C912	67A 305-108- 7T	0.1UF + - 20% 50V
C914	67A 305-479- 7T	4.7UF + - 20% 50V
C915	67A 309-221- 4T	220UF + - 20% 25V
C916	67A 305-229- 7T	2.2UF + - 20% 50V
C917	65S 444-103-13T	10000PF K Z5P 50V
C918	64A 177- 1-58T	0.001UF J 50V
C919	67A 305-100- 7T	10UF + - 20% 50V
C920	65S 444-103-13T	10000PF K Z5P 50V
C921	64A 177- 6-58T	0.0027UF J 50V
C922	65S 444-102-13T	1000PF K Z5P 50V
C923	64A 177- 19-58T	.033UF + - 5% 50V
C924	64A 177- 11-58T	.0068UF + - 5% 50V
C925	64A 177- 19-58T	.003UF + - 5% 50V
C926	67A 305-220- 7T	22UF + - 20% 50V
C927	67A 305-101- 4T	100UF + - 20% 25V
C928	64A 177- 10-58T	0.0056UF J 50V
C930	64A 177- 7-58T	0.0033UF 50V
C931	64A 177- 7-58T	0.0033UF 50V
C957	64A 177- 11-58T	.0068UF + - 5% 50V
C960	67A 305-101- 4T	100UF + - 20% 25V
C962	67A 305-101- 4T	100UF + - 20% 25V
C963	65S 444-103-13T	10000PF K Z5P 50V
C964	67A 305-229- 7T	2.2UF + - 20% 50V
C965	64A 177- 11-58T	.0068UF + - 5% 50V
C966	65S 444-103-13T	10000PF K Z5P 50V
C967	64A 177- 5-58T	0.0022UF J 50V
C968	67A 305-220- 7T	22UF + - 20% 50V
C969	65S 444-222-13T	2200PF K Z5P 50V
C973	67A 305- 471 2T	470UF + - 20% 10V
C975	65S 444-103-13T	10000PF K Z5P 50V
C977	64A 177- 19-58T	.033UF + - 5% 50V
IC902	56A 158- 1- T	3P ADJ. REG. TL431CLP
Q903	57A 594- 3- T	TR. MPSA44 TAPING
Q904	57A 419- P- T	TRAN 2SC945P TAPING
Q905	57A 566- 1- T	SCR 2N5060 TAPING
Q906	57A 420- P- T	TRAN 2SA733P TAPING
Q907	57A 419- P- T	TRAN 2SC945P TAPING
Q909	57A 419- P- T	TRAN 2SC945P TAPING
Q952	57A 420- P- T	TRAN 2SA733P TAPING
Q953	57A 420- P- T	TRAN 2SA733P TAPING
Q954	57A 419- P- T	TRAN 2SC945P TAPING

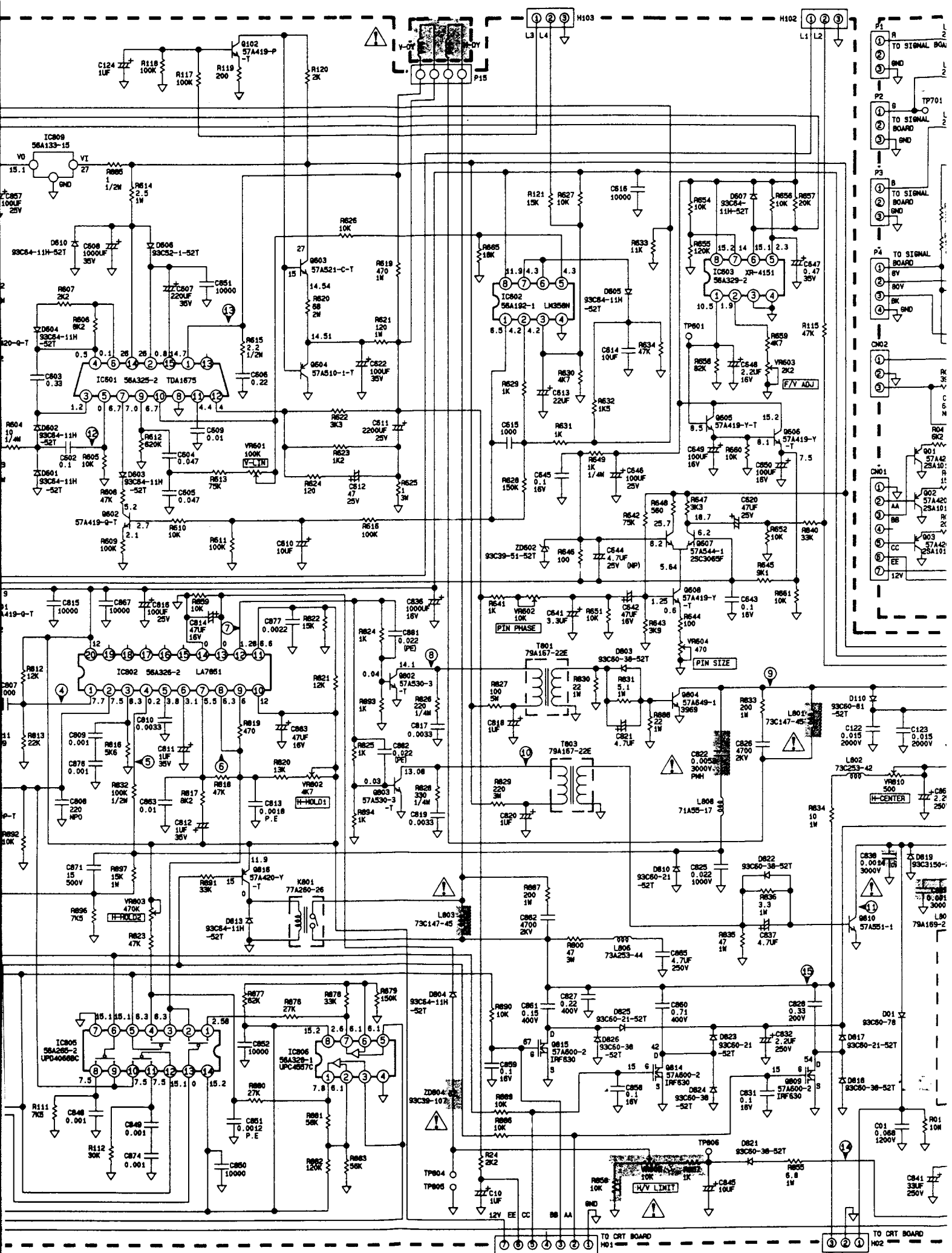
#### 14. SCHEMATIC DIAGRAM



# 14. SCHEMATIC DIAGRAM

CHROMA2000 YSA (480)  
PATTAN 64 (COLOR BAR)

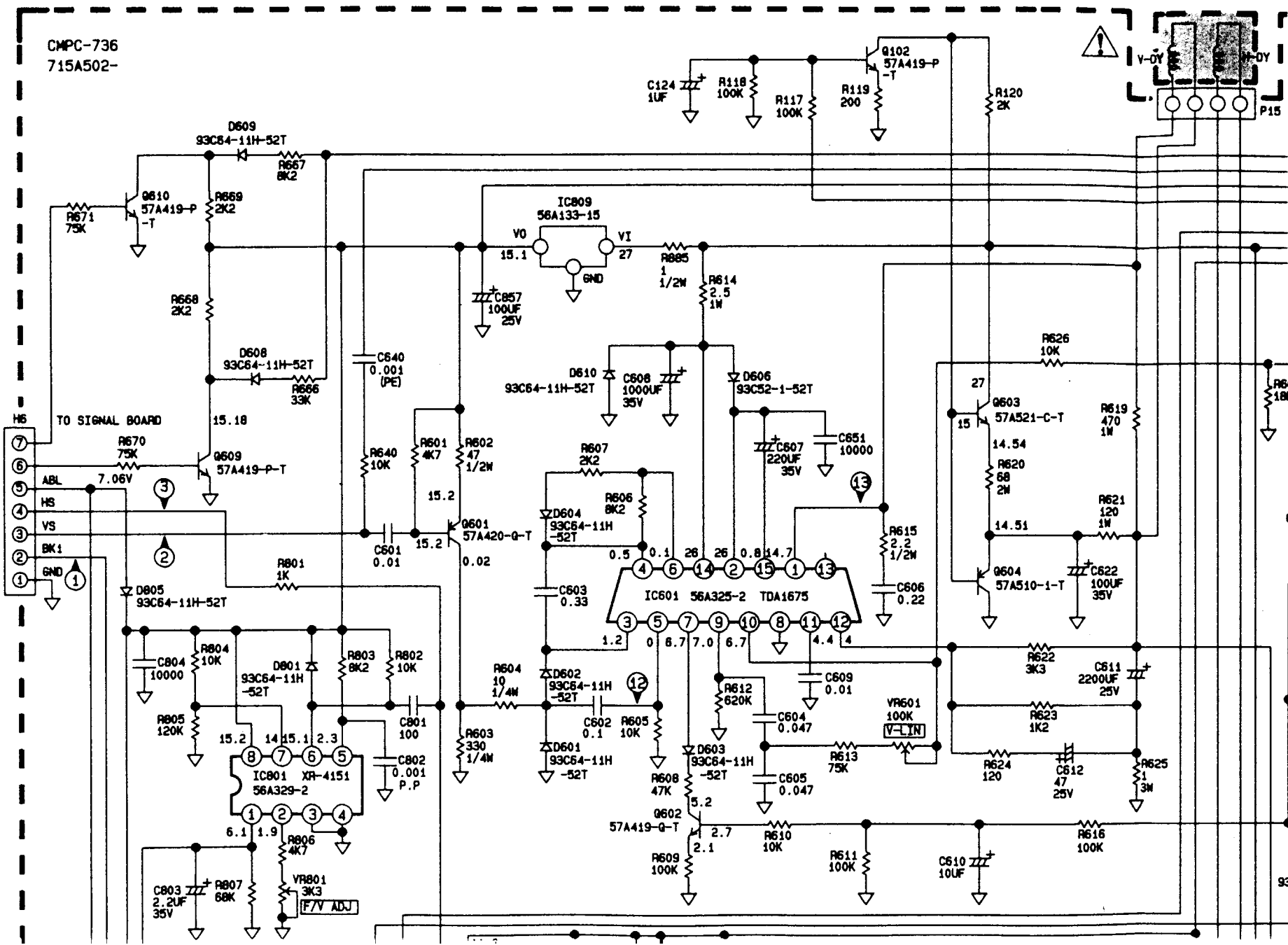
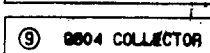
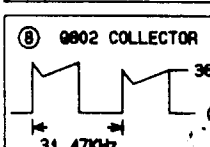
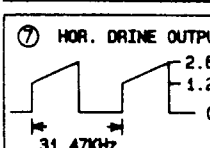
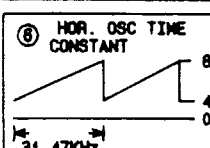
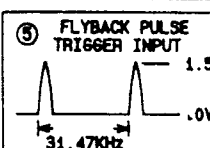
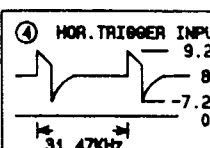
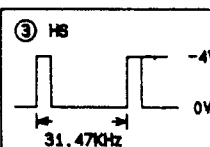
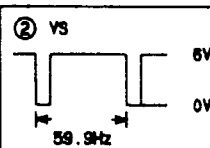
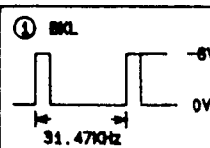


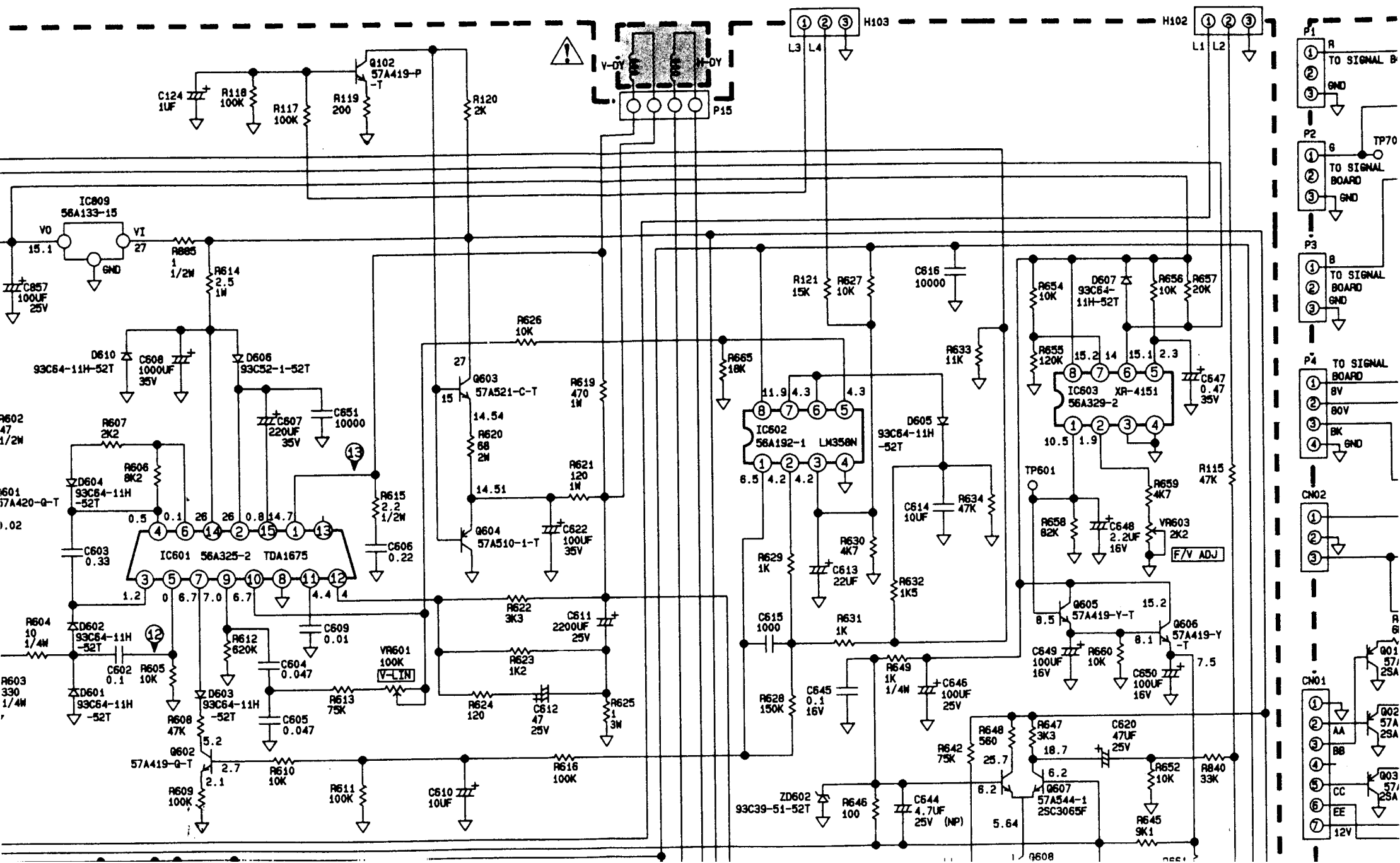


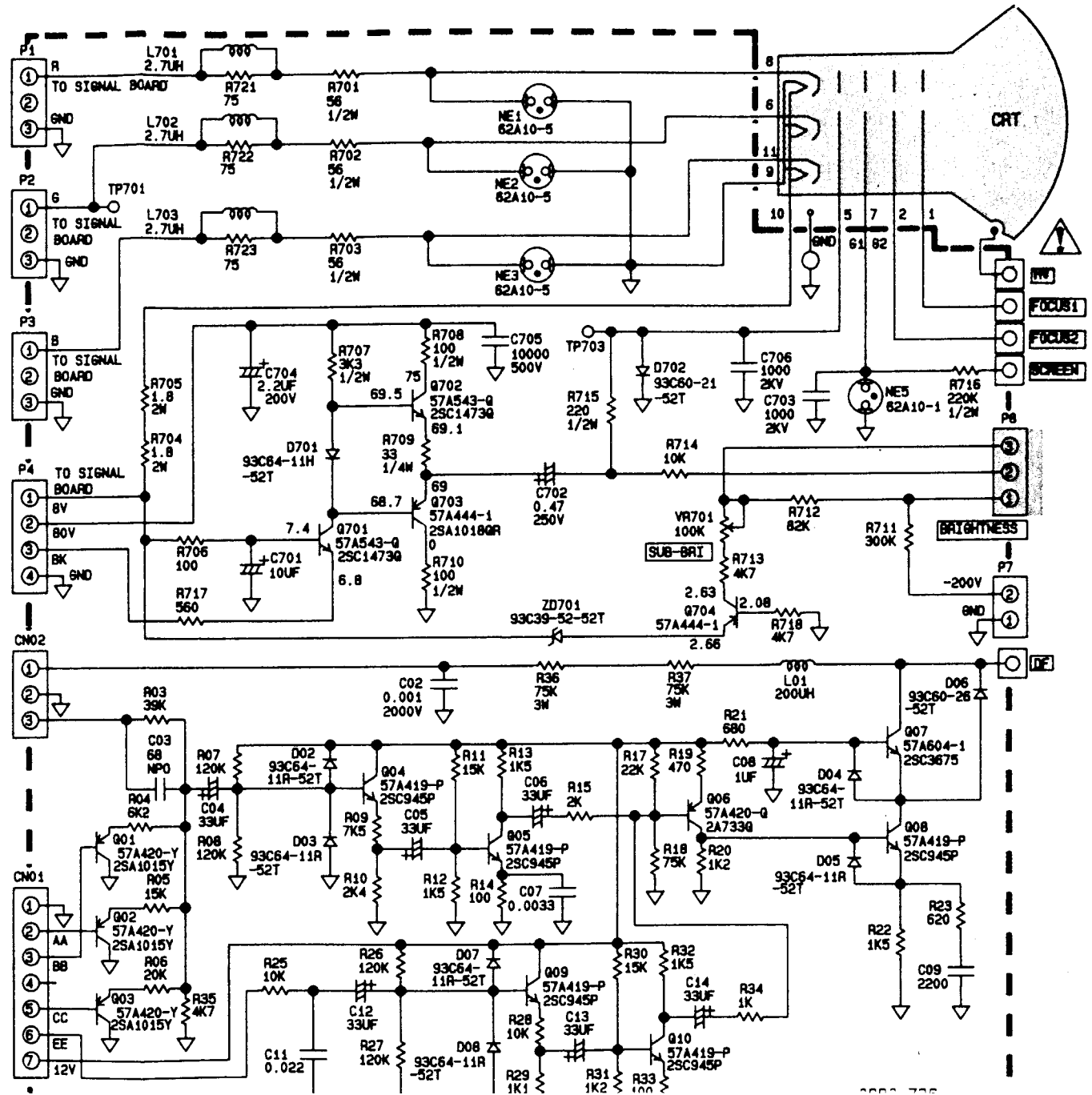
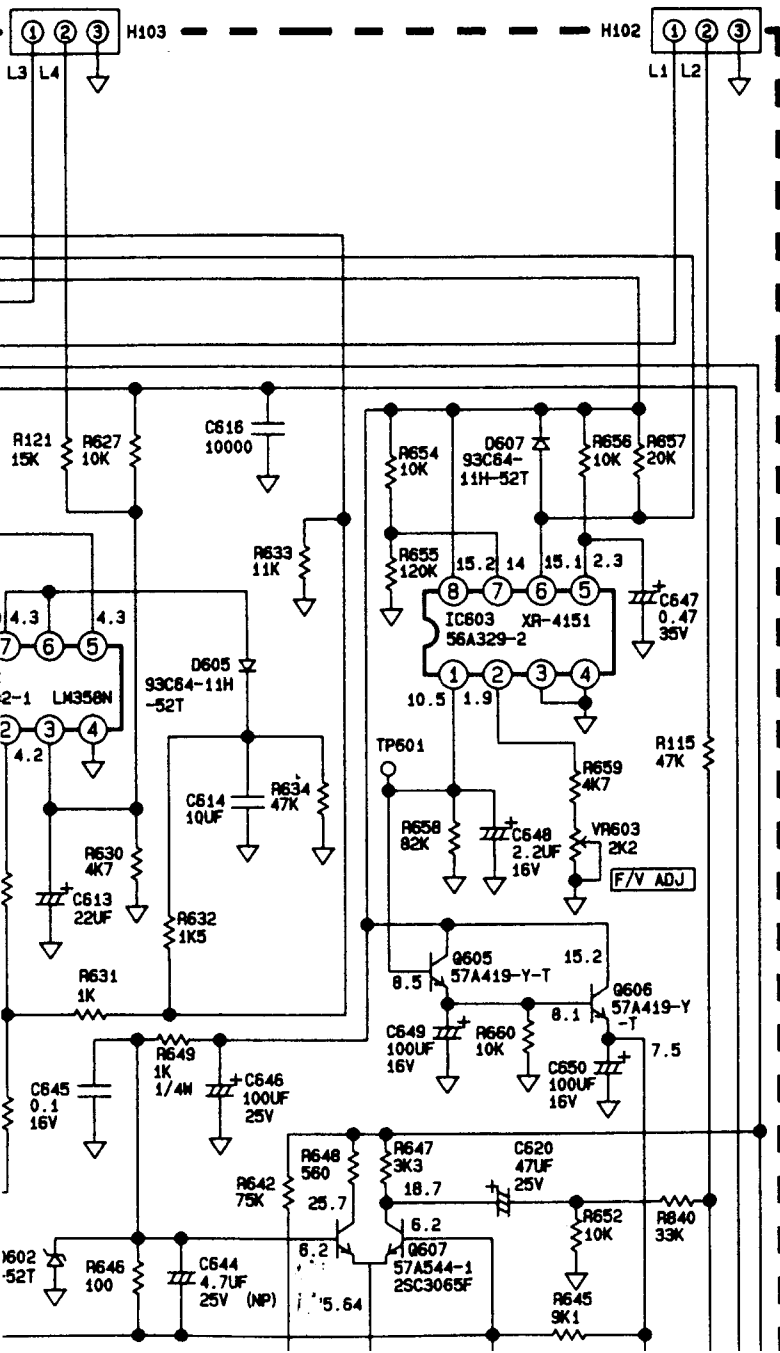


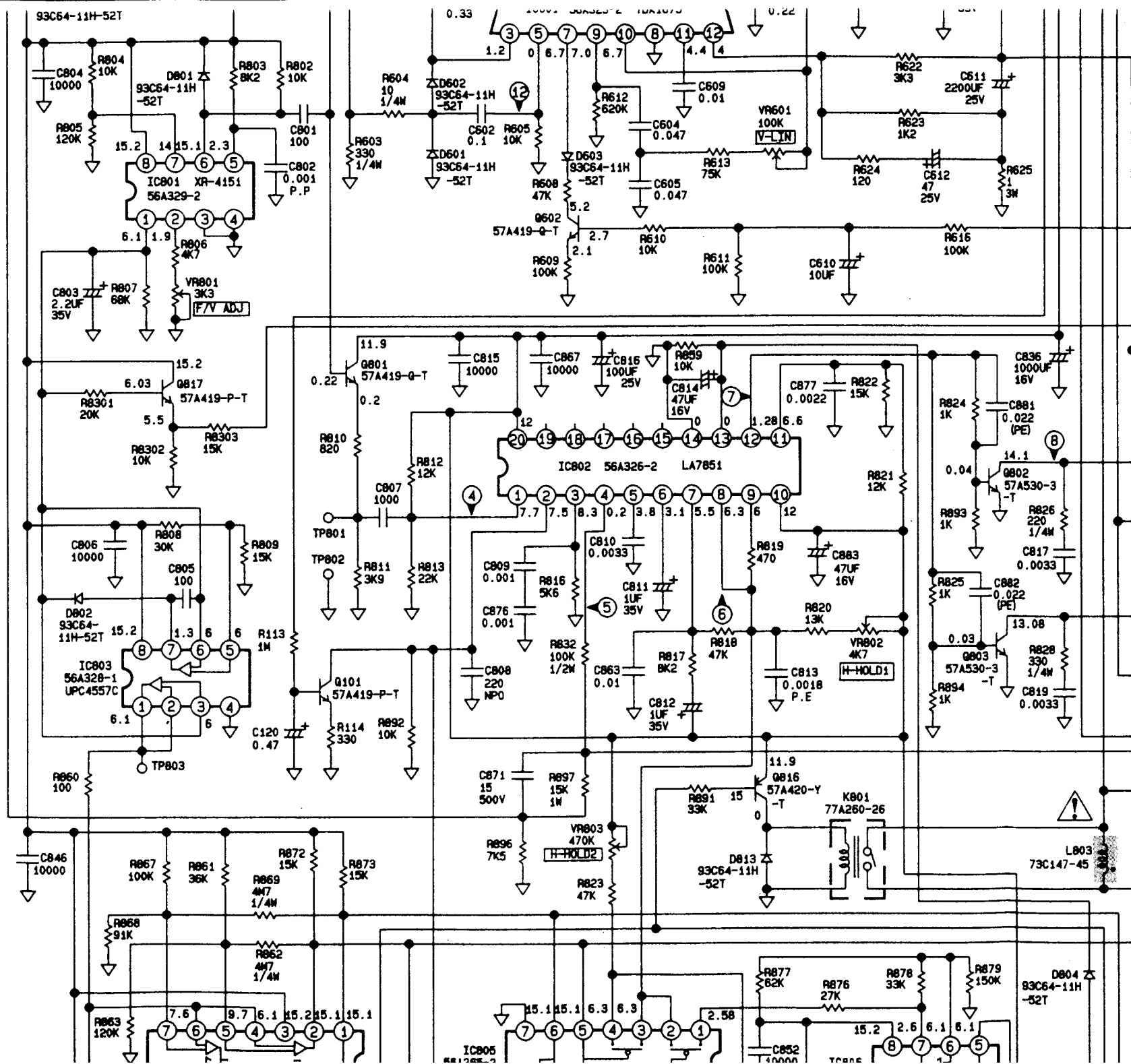
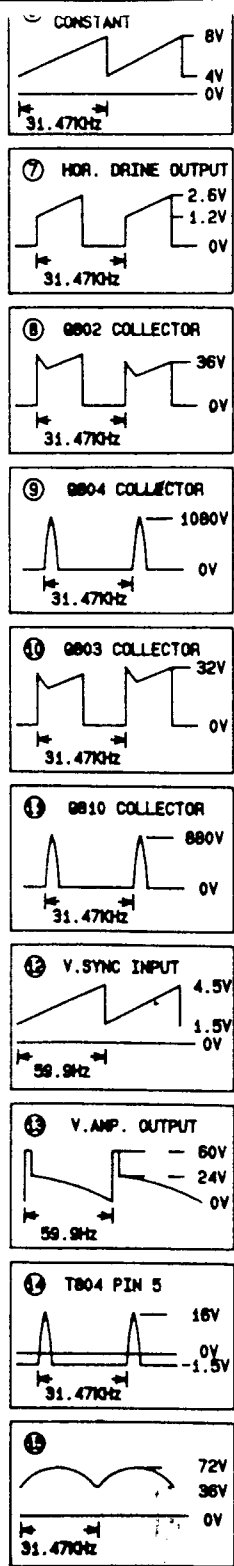
#### 14. SCHEMATIC DIAGRAM

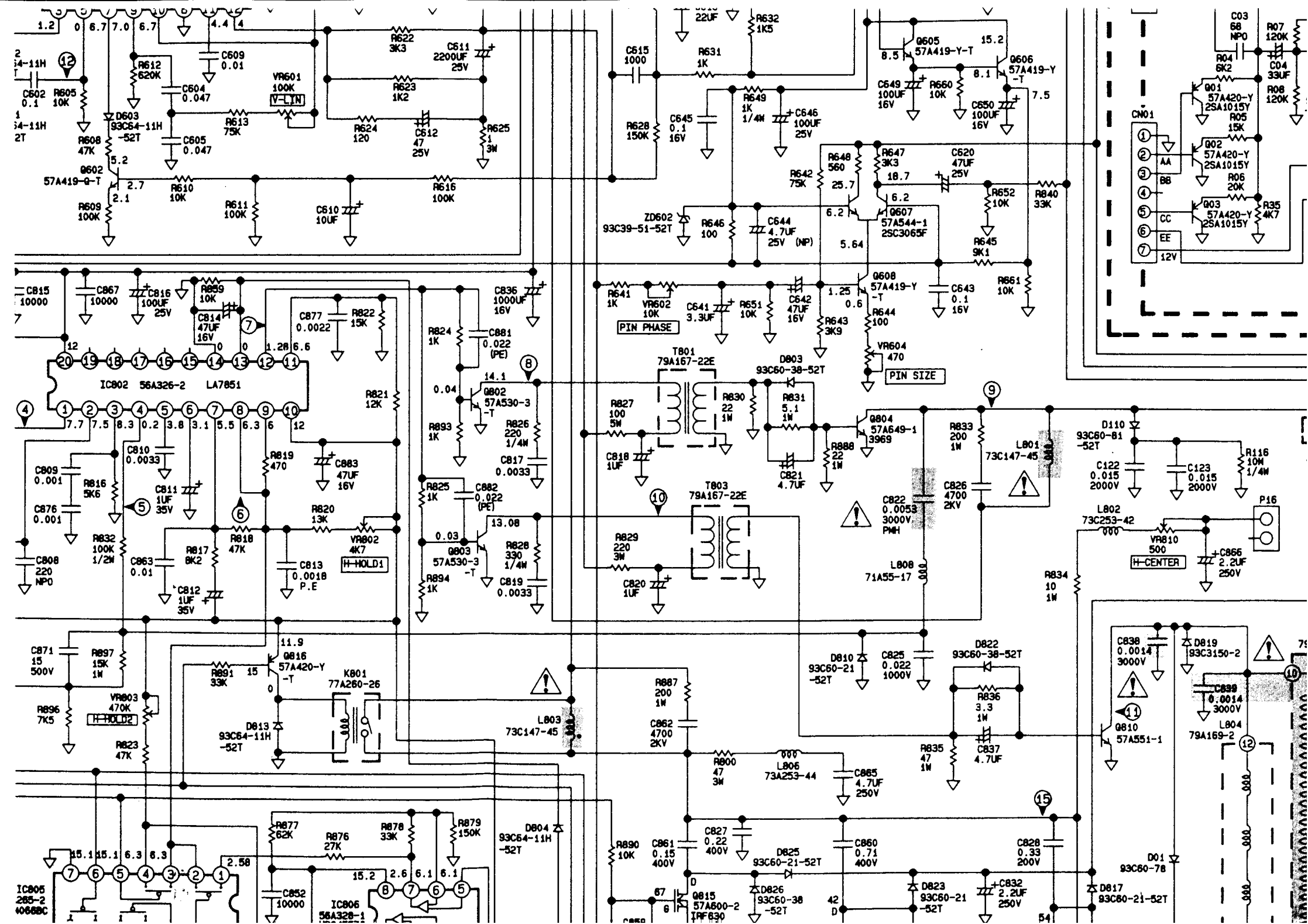
CHROMA2000 VSA (480)  
PATTAN 54 (COLOR BAR)

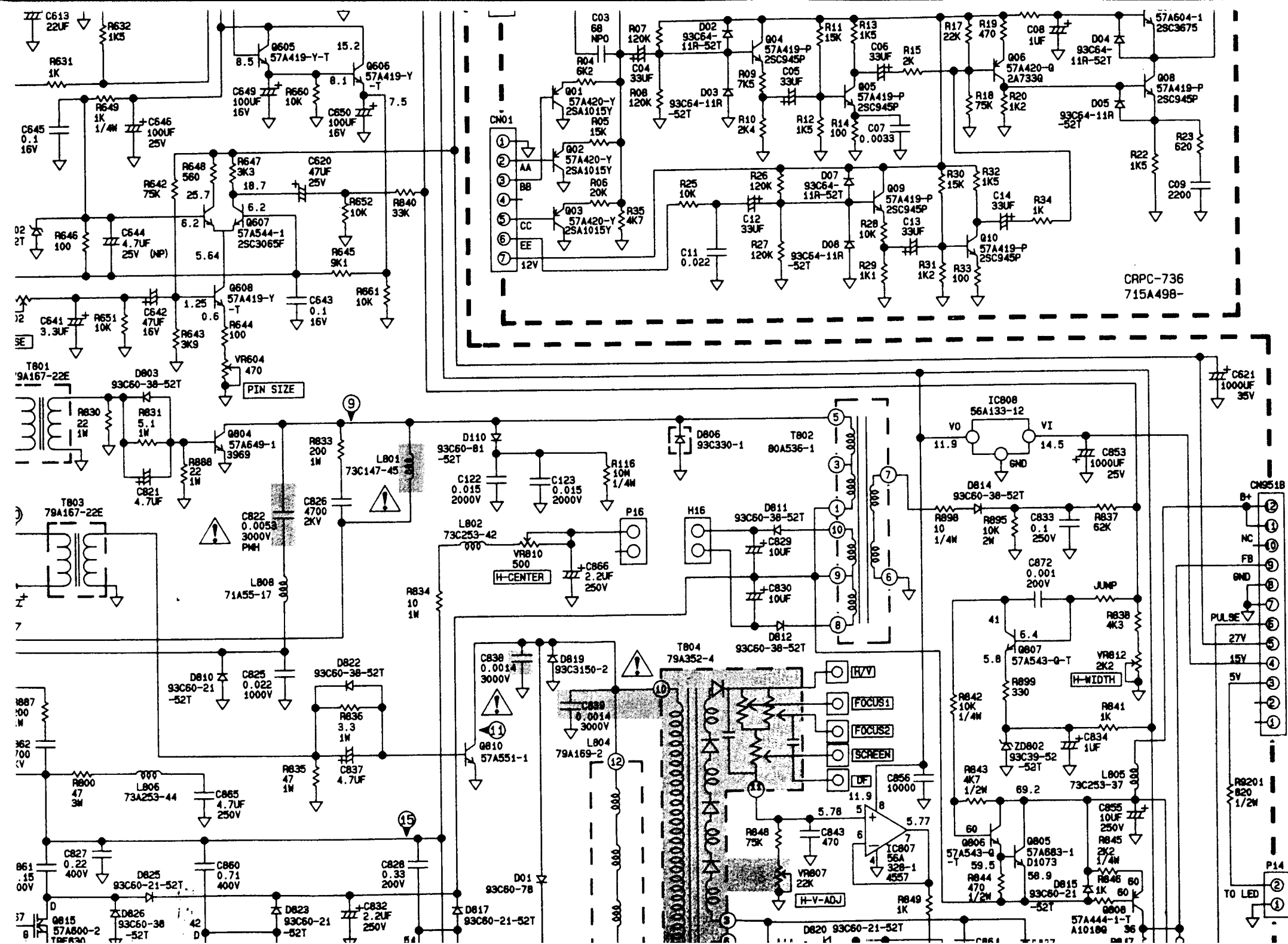


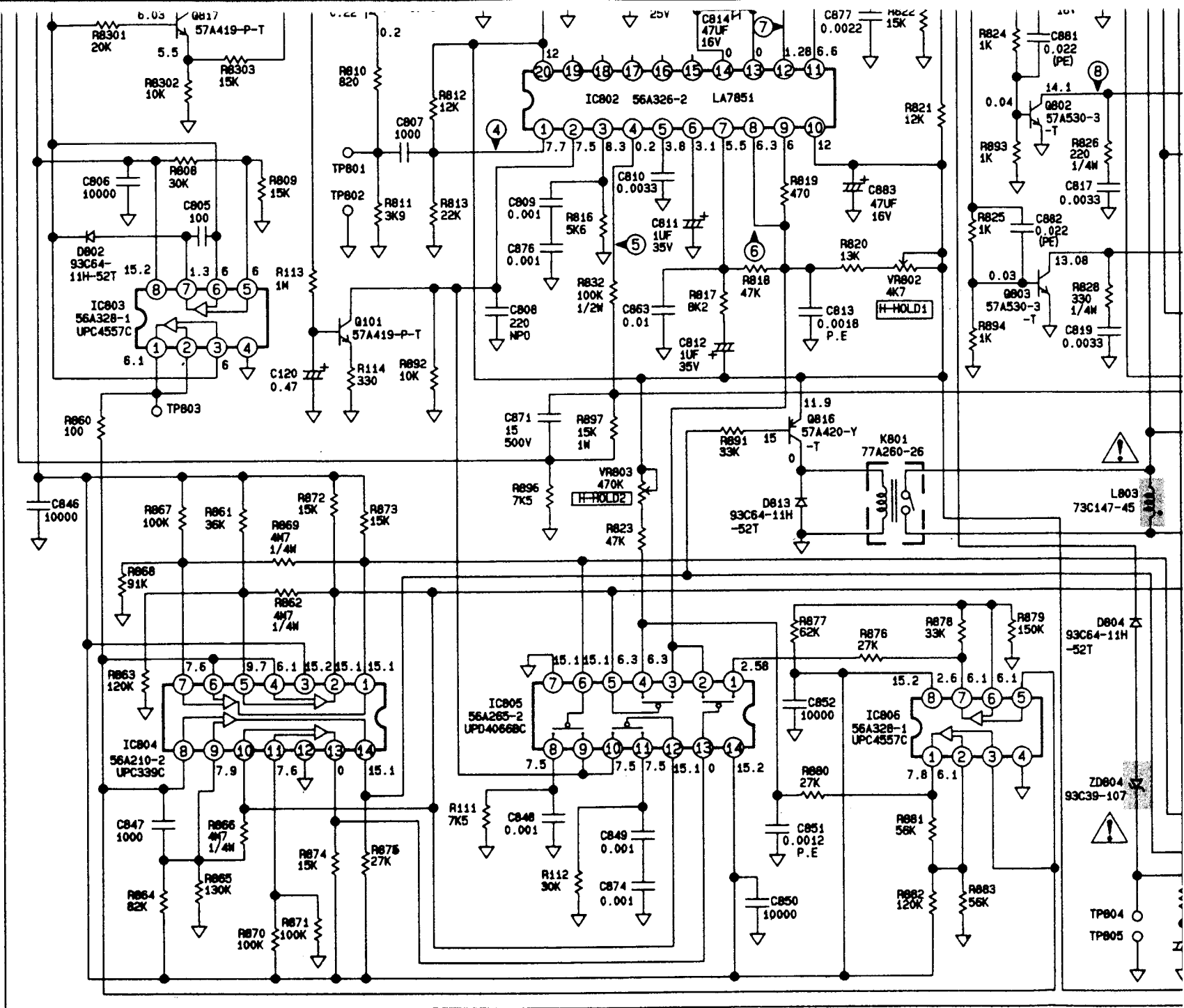
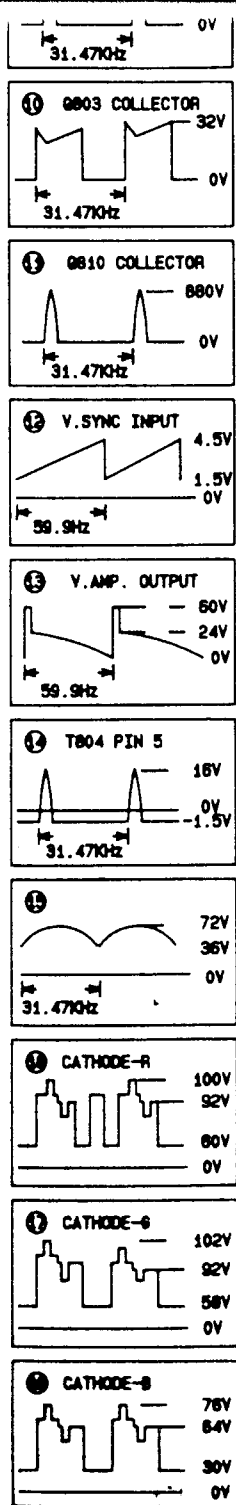


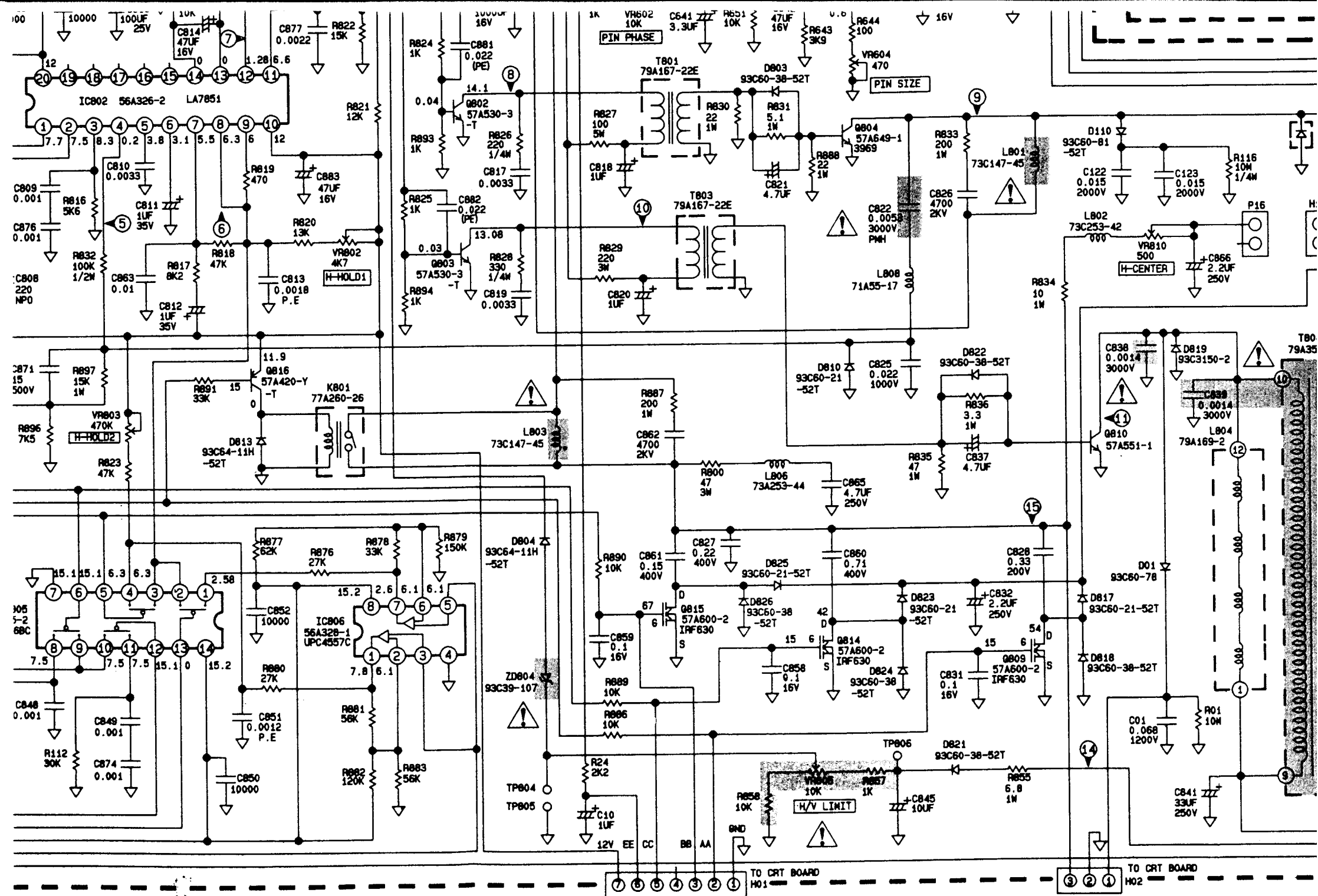




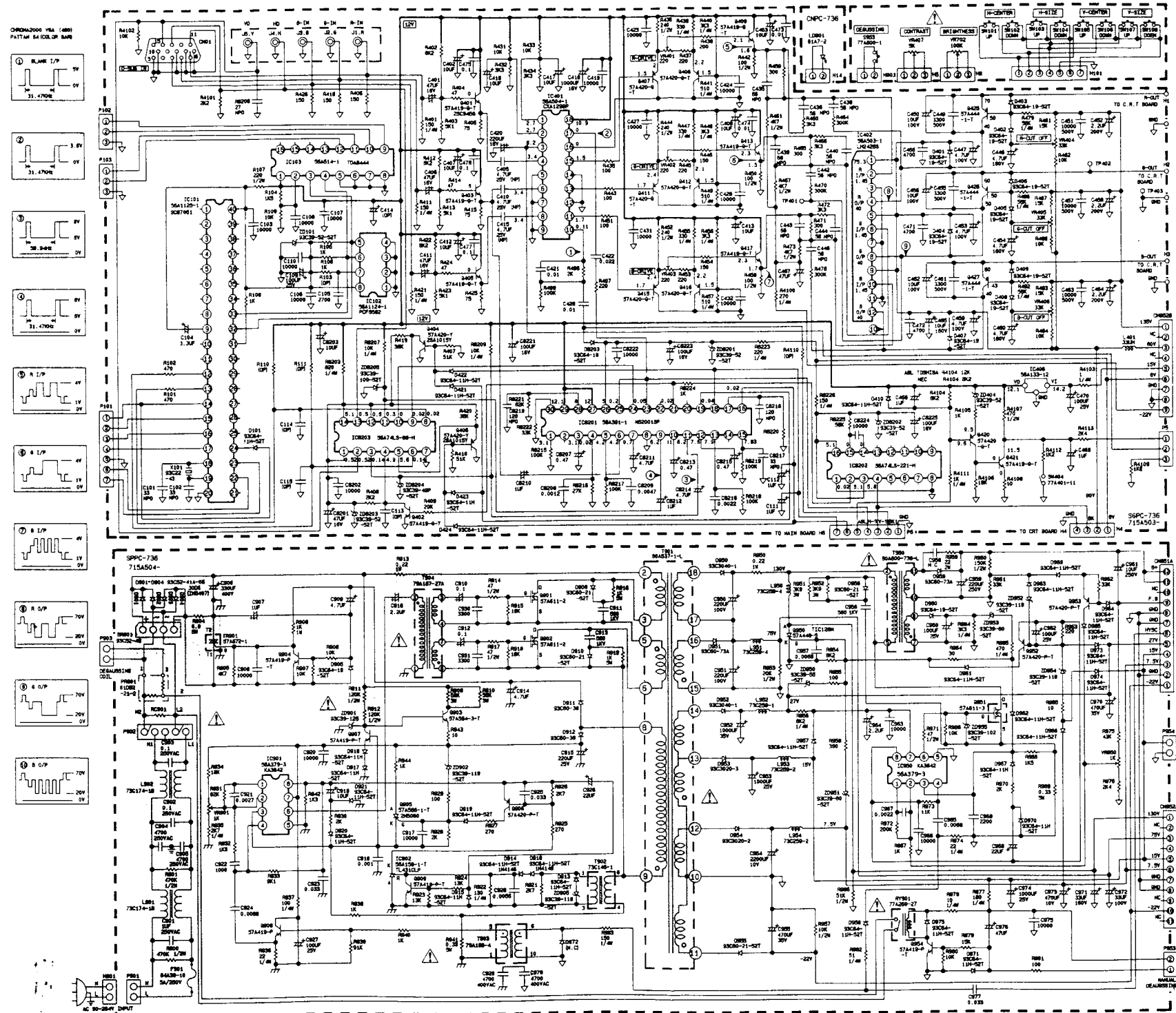




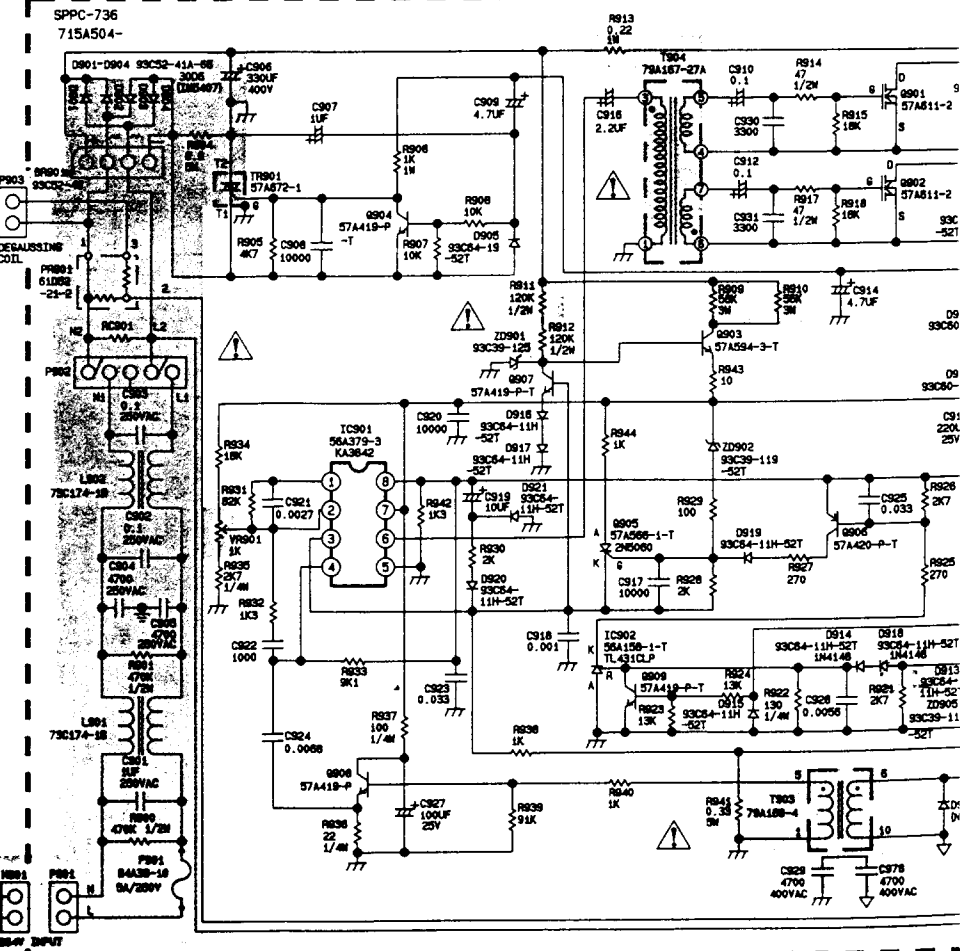
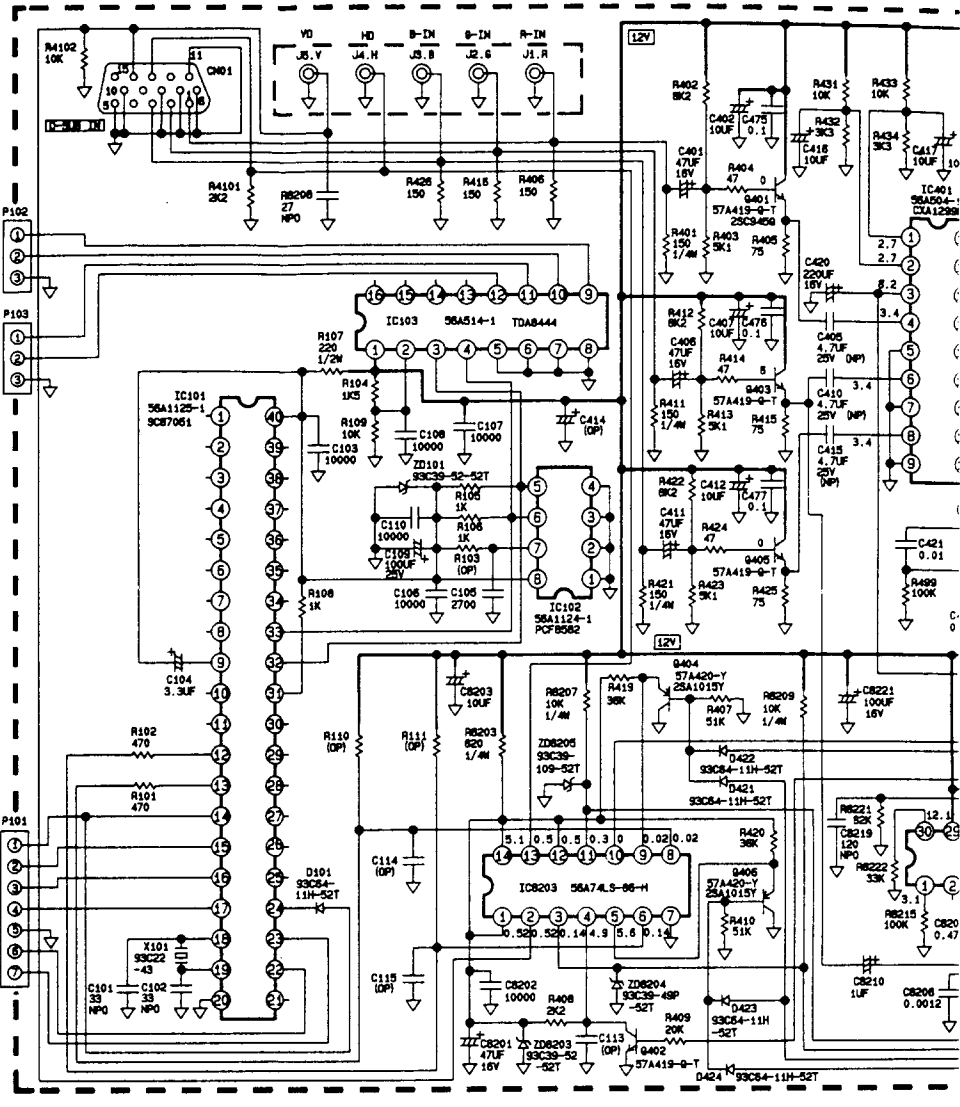
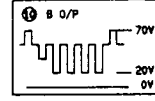
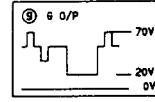
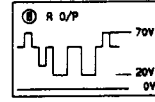
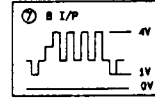
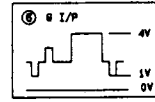
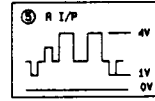
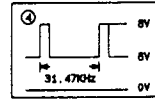
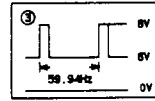
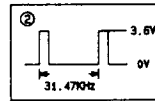
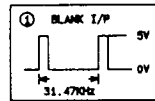


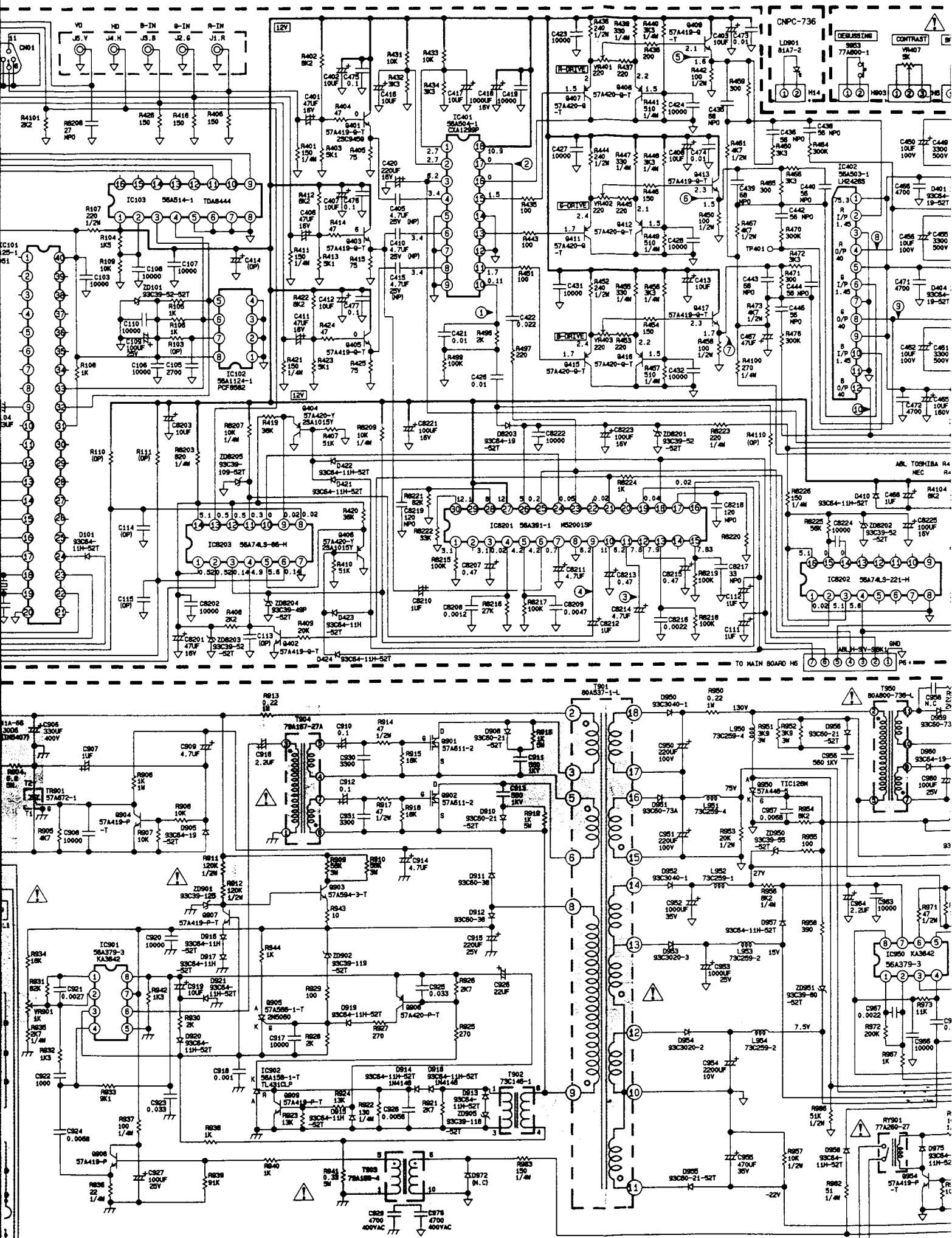


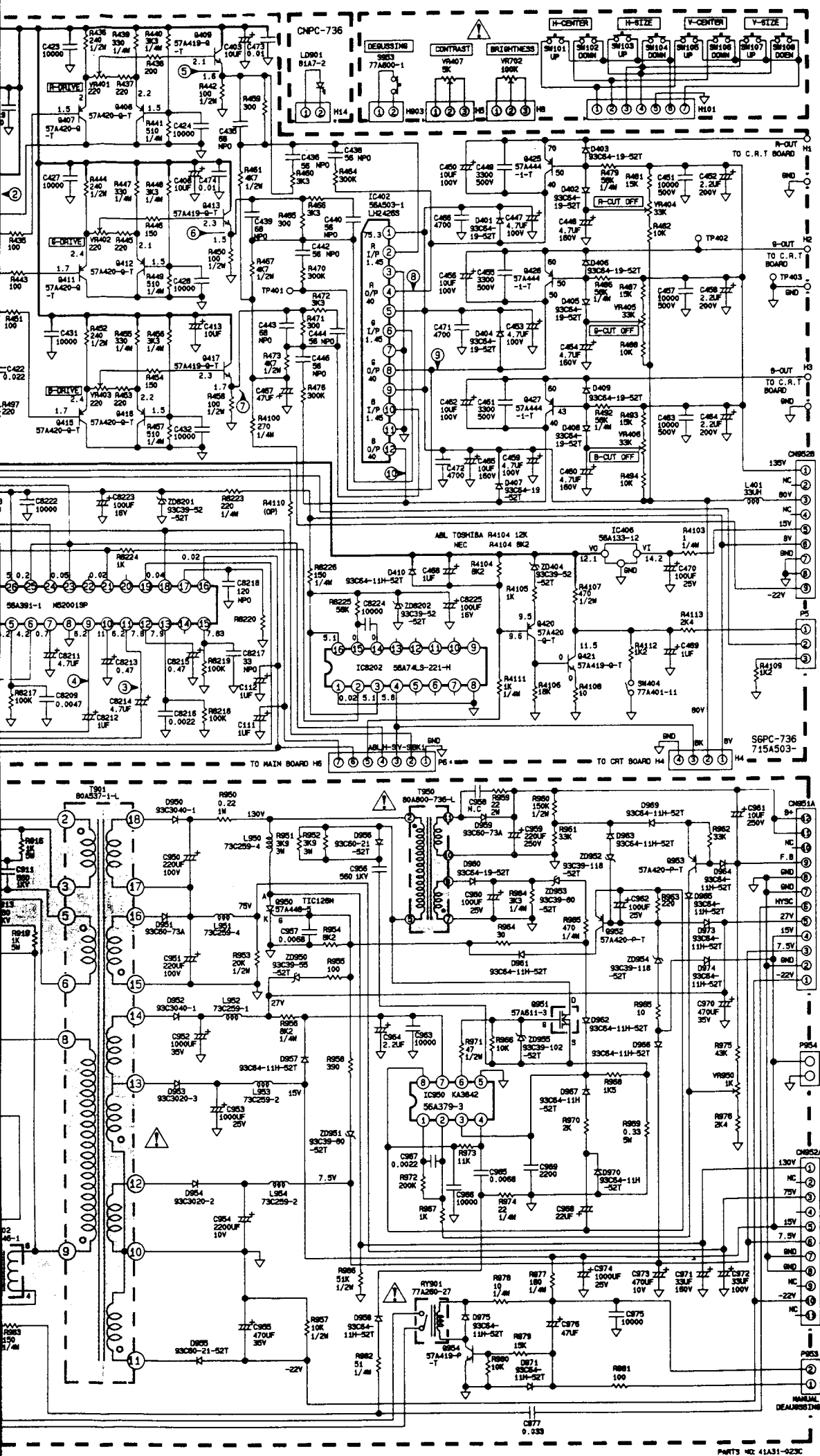




CHROMA2000 VBA (480)  
PATTAM 64 (COLOR BAR)







CHROMA2000 V6A (480)  
PATTAN 64 (COLOR BAR)

