

PVM-1370QM

SERVICE MANUAL

AEP Model

Chassis No. SCC-473A-A



June, 1983

This Service Manual contains the Correction-1. SPECIFICATIONS

Color system	PAL, SECAM, NTSC and NTSC _{4.43} systems, switched automatically	Inputs
Picture tube	Trinitron tube Approx. 33 cm (13 inches), 90-degree deflection, Super Fine Pitch 0,25 mm (Approx. 31 cm picture measured diagonally)	
Resolution	RGB inputs 600 lines, 640 × 200 dots	
Color temperature	6,500°K	
Frequency response	10 MHz (-3 dB, RGB) 5.5 MHz (-3 dB, composite video)	
Horizontal linearity	±8%	
Vertical linearity	±5%	
Line pull range	Horizontal ±500 Hz Vertical 8 Hz	

VIDEO IN : BNC connector
VTR: 8-pin connector (2 and 6 pins) Composite 1 V p-p ±6 dB, sync negative, 75 ohms and high impedance switchable
AUDIO IN : minijack
VTR: 8-pin connector (1 and 5 pins) -5 dBs high impedance
EXT SYNC IN : BNC connector Composite sync 2 - 8 V p-p, negative, 75 ohms and high impedance switchable
RGB IN : BNC connector 0.7 V p-p, non composite
RGB AUDIO IN : minijack -5 dBs high impedance

CMPTR: 25-pin connector

Pin No.	Signal	Signal level
1	RGB level shift	High state (5 V): decrease the contrast of RGB inputs
2	Audio select	High state (5 V or open): audio inputs from the CMPTR connector Low state (less than 0.4 V): audio inputs from the LINE A AUDIO IN jack
3	H. sync or composite sync	Negative polarity (1) 1 V p-p, 75Ω terminated (2) TTL level • (1) or (2) is selected by the 9 pin.
4	Blue input	Positive polarity (1) Analog signal (0.7 V p-p, 75Ω terminated, non sync)
5	Green input	(2) Digital signal (TTL level) • (1) or (2) is selected by the 9 pin.
6	Red input	

— Continued on page 2 —

**TRINITRON® COLOR
VIDEO MONITOR**
SONY®



MON

7-8	Not in use	
9	Analog/digital mode select	High state (open): Analog signal (0.7 V p-p) Low state (ground): Digital signal (TTL level)
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from the microcomputer Low state (ground): composite video inputs from the LINE A VIDEO IN connector
11	V-sync	Negative polarity TTL level
12	Blanking	High state (5 V or open): video inputs from the microcomputer Low state (ground): Superimposed signal of composite video inputs from the LINE A VIDEO IN connector and RGB inputs from the microcomputer
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 kΩ
14	EXT/INT mode sync switch	High state (open): microcomputer sync Low state: LINE A sync
15	Not in use	
16-24	Ground	
25	Half blanking input	Positive polarity TTL level • Active with blanking input (pin 12) at low state • Decrease the contrast of composite video inputs in superimposed mode

Outputs	VIDEO OUT: BNC connector AUDIO OUT: minijack EXT SYNC OUT: BNC connector RGB OUT: BNC connector RGB AUDIO OUT: minijack Loop through	While the information given is true at the time of printing, small production changes in the course of our company's policy of improvement through research and design might not necessarily be indicated in the specifications. We would ask you to check with your appointed Sony dealer if clarification on any point is required.
Power requirement	220 - 240 V ac, 50/60 Hz	
Power consumption	80 W	
Dimensions	Approx. 346 × 339 × 388 mm (w/h/d) (13½ × 13½ × 15½ inches)	
Weight	Approx. 14.4 kg (31 lbs 12 oz)	

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

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SECTION 1 GENERAL

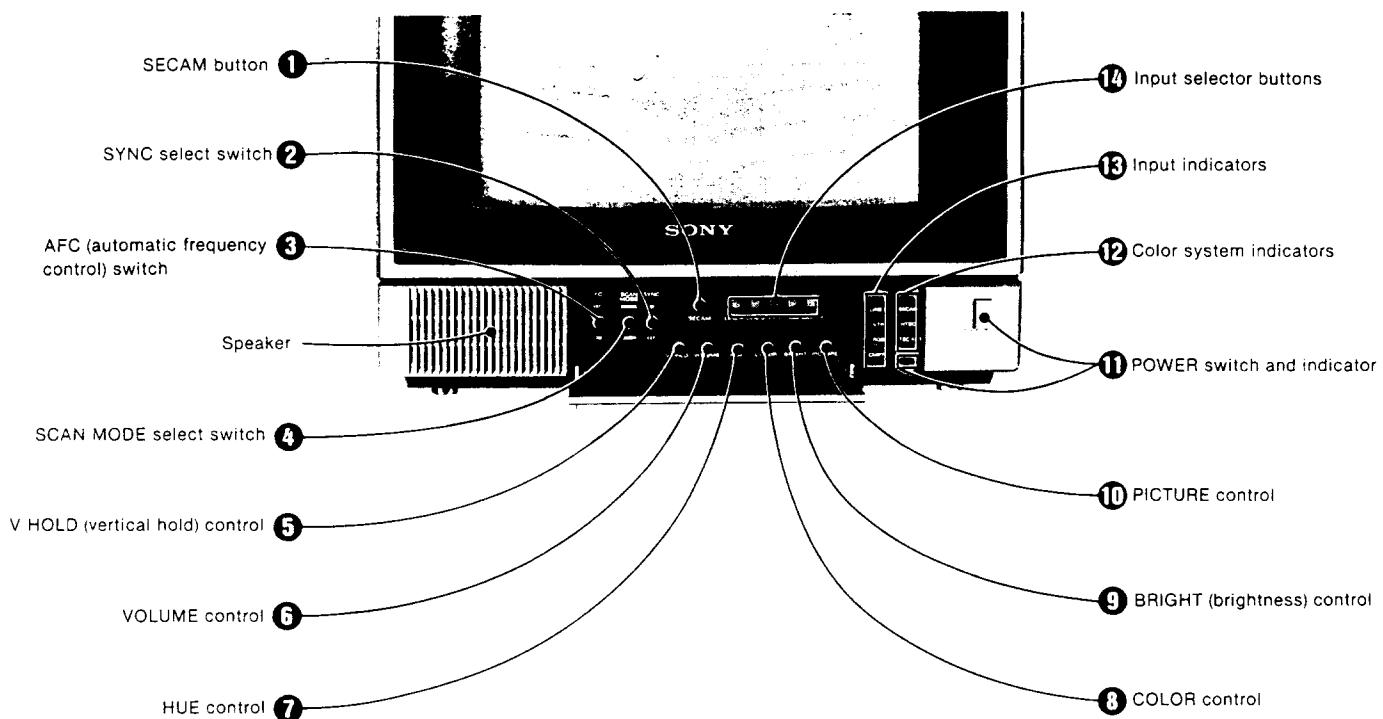
1-1. FEATURES

- Super Fine Pitch Trinitron picture tube for a fine-detailed picture.
- Colorpure Filter fine picture detail without color spill or color noise.
- Automatic frequency control switch to select the horizontal AFC time constant, fast or slow.
- LINE/VTR/RGB/CMPTR input select buttons.
- The PAL, SECAM, NTSC or NTSC_{4.43}* color system is selected automatically.
- UNDER SCAN MODE for viewing a picture which does not appear in normal scanning.
- A picture superimposed by a video disk and a microcomputer can be displayed when the SMI-7073 superimposer (optional) is connected to the microcomputer.

By using an optional MB-502 mounting bracket, the PVM-1370QM can be mounted in an EIA standard 19-inch rack. An optional SLR-102 slide rail is also available. For mounting, see the appropriate instruction manual.

* A signal of NTSC_{4.43} system is obtained by playing back NTSC-recorded video tapes with a video tape recorder/player specially designed for use with this system.

1-2. LOCATION AND FUNCTION OF PARTS AND CONTROLS



① SECAM button

Press this button when the picture receiving SECAM color sources is distorted. The picture will become clear.

② SYNC select switch

Sync may be supplied from an external sync generator to the EXT SYNC IN connector on the rear PANEL. When an external SYNC is supplied, with either composite or non-composite video input, set the SYNC select switch to EXT. When composite video is supplied with no external sync, set the SYNC select switch to INT.

③ AFC (automatic frequency control) switch

Select the AFC operation in the fast mode or slow mode.
FAST: incoming sync timing errors are compensated for.
SLOW: incoming sync timing errors are displayed on the screen.
This mode is used to monitor the jitter from the VTR.

④ SCAN MODE select switch

Normal scanning or under scanning is achieved by proper setting of the SCAN MODE select switch. Set to NORMAL for normal scanning, or to UNDER for viewing a picture which does not appear in normal scanning. Under scanning reduces the display size by about 10%.

⑤ V HOLD (vertical hold) control

If the picture rolls vertically, correct it with this control.

⑥ VOLUME control

Turn this control clockwise or counterclockwise to obtain the desired volume.

⑦ HUE control

This control is effective only for playing tapes on the NTSC or NTSC_{4.43} system. Use obtain the most natural skin tones. Clockwise rotation makes the skin tones greenish; counterclockwise rotation makes them purplish.

⑧ COLOR control

Adjusts the color intensity of the picture. Clockwise rotation makes the picture vivid; counterclockwise rotation makes it pale.

⑨ BRIGHT (brightness) control

Adjusts the brightness. Normally set this control at the center detent position.

⑩ PICTURE control

Adjusts the contrast, color intensity and brightness simultaneously in the proper ratio.

⑪ POWER switch and indicator

To turn the monitor on, depress the POWER switch. The indicator will light. To turn the monitor off, press the switch again.

⑫ Color system indicators

Indicate the color system of the playback of the VTR.

⑬ Input indicators

Illuminate to indicate the input selector button pressed.

⑭ Input selector buttons

Press to select the program to be monitored.

LINE A: for a signal from the LINE A connectors.

LINE B: for a signal from the LINE B connectors.

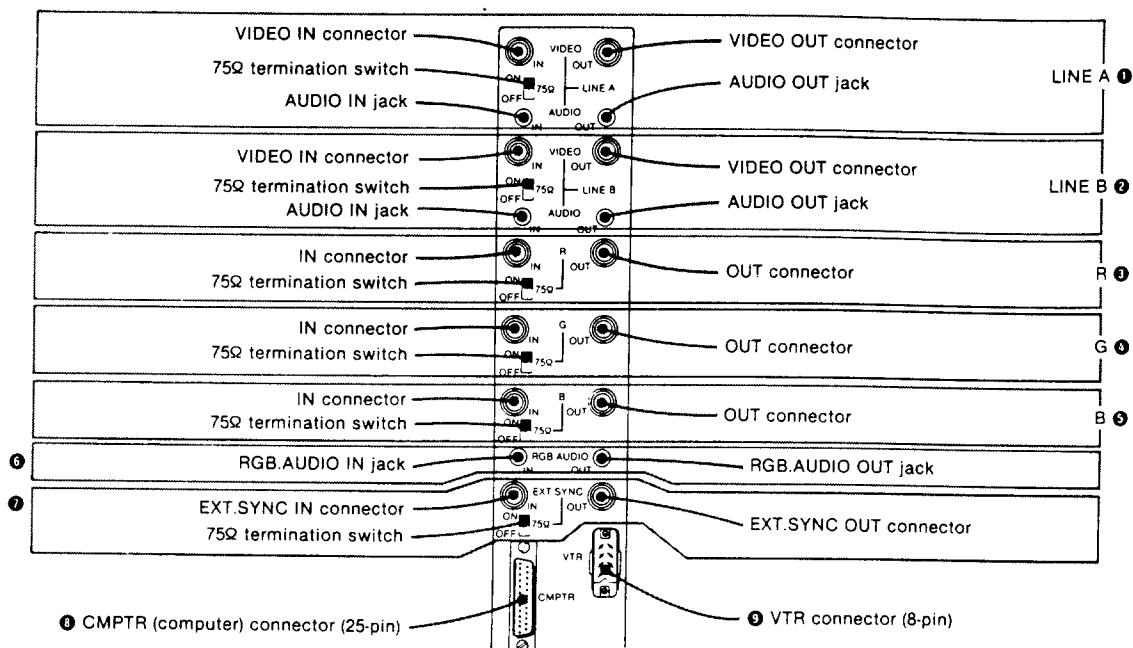
VTR: for a signal from the 8-pin VTR connector.

RGB: for a signal from the R, G and B connectors.

CMPTR: for a signal from the 25-pin CMPTR connector.

1-3. SYSTEM CONNECTIONS

CONNECTORS FOR VIDEO/AUDIO/MICROCOMPUTER



① LINE A ② LINE B

Press the LINE A or LINE B input select button to monitor the signal.

VIDEO IN connectors (BNC)

Connect to the video output of a video tape recorder or another monitor (for loop through connection), or to a color camera.

VIDEO OUT connectors (BNC)

Connect the video input of another monitor or a video tape recorder.

AUDIO IN jacks (minijack)

Connect to the audio output of a video tape recorder or another monitor (for loop-through connection), or to a microphone using a suitable microphone amplifier.

AUDIO OUT jacks (minijack)

Connect to the audio input of another monitor or a video tape recorder.

75Ω termination switches

When only one monitor is used, set the switch to ON. When several monitors are connected, set the switch of the last monitor in the looped chain to ON and set it to OFF on the other monitors.

③ R ④ G ⑤ B IN connectors (BNC)

Allow a character generator, microcomputer or video camera having digital or analog RGB outputs to be connected. Press the RGB input select button to monitor the signal.

OUT connectors (BNC)

Connect the digital or analog RGB inputs of another monitor.

75Ω termination switches

When only one monitor is used, set the switch to ON. When several monitors are connected, set the switch of the last monitor in the looped chain to ON and set it to OFF on the other monitors.

⑥ RGB AUDIO IN connector

Connect the audio output of the appliance connected to the RGB IN connectors. Press the RGB input select button to monitor the signal.

OUT connector

Connect the RGB audio input of another monitor.

⑦ EXT. SYNC IN connector (BNC)

Connect an external sync generator.

OUT connector (BNC)

Supplies the external sync signal from the external sync generator connected to the EXT SYNC IN connector.

75Ω termination switch

When an equipment is connected to the EXT SYNC OUT connector, set the switch to OFF. When nothing is connected, set it to ON.

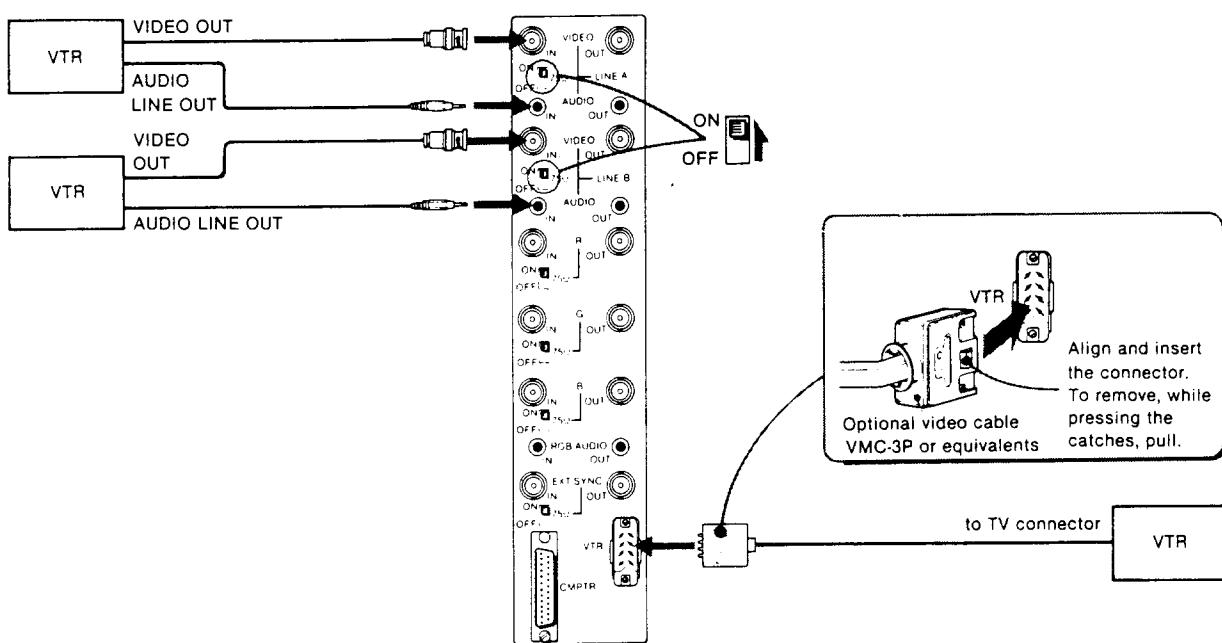
⑧ CMPTR connector (25-pin)

Connect an microcomputer with digital or analog RGB outputs. Press the CMPTR input select button to monitor the signal.

⑨ VTR connector (8-pin)

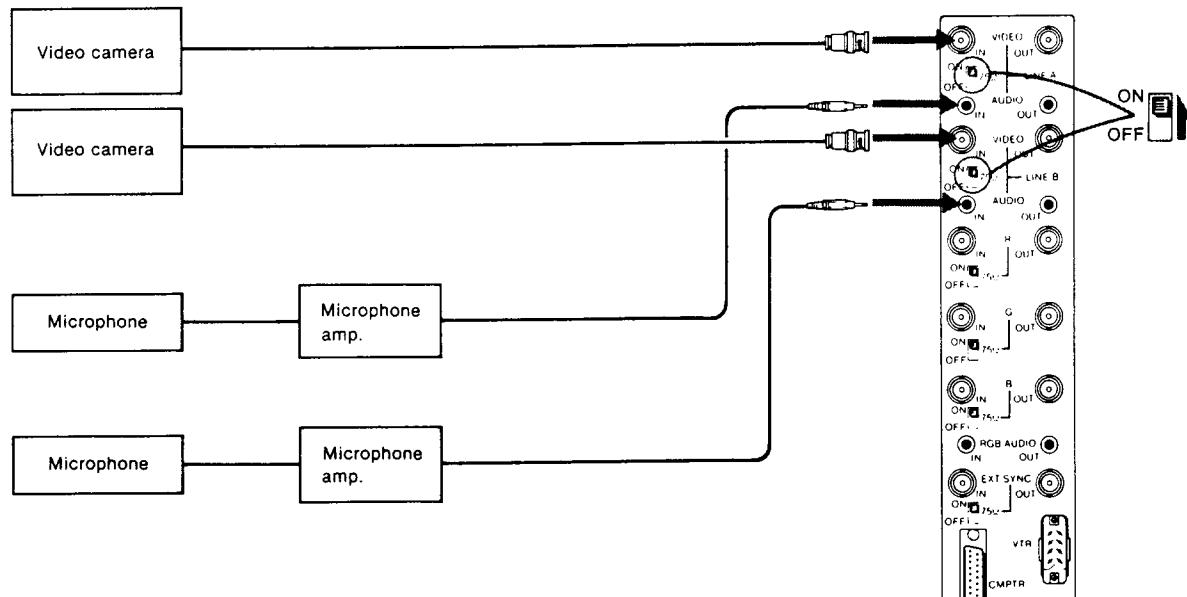
Connect a video tape recorder equipped with an 8-pin connector. For monitoring, press the VTR input select button. For connection, use the optional video cable, VMC-3P(3 m), -5P(5 m), -10P(10 m), -25P(25 m) or -50P(50 m).

CONNECTING A VIDEO TAPE RECORDER

**Note**

When monitoring the picture at fast speed, the picture may roll vertically or become monochrome.

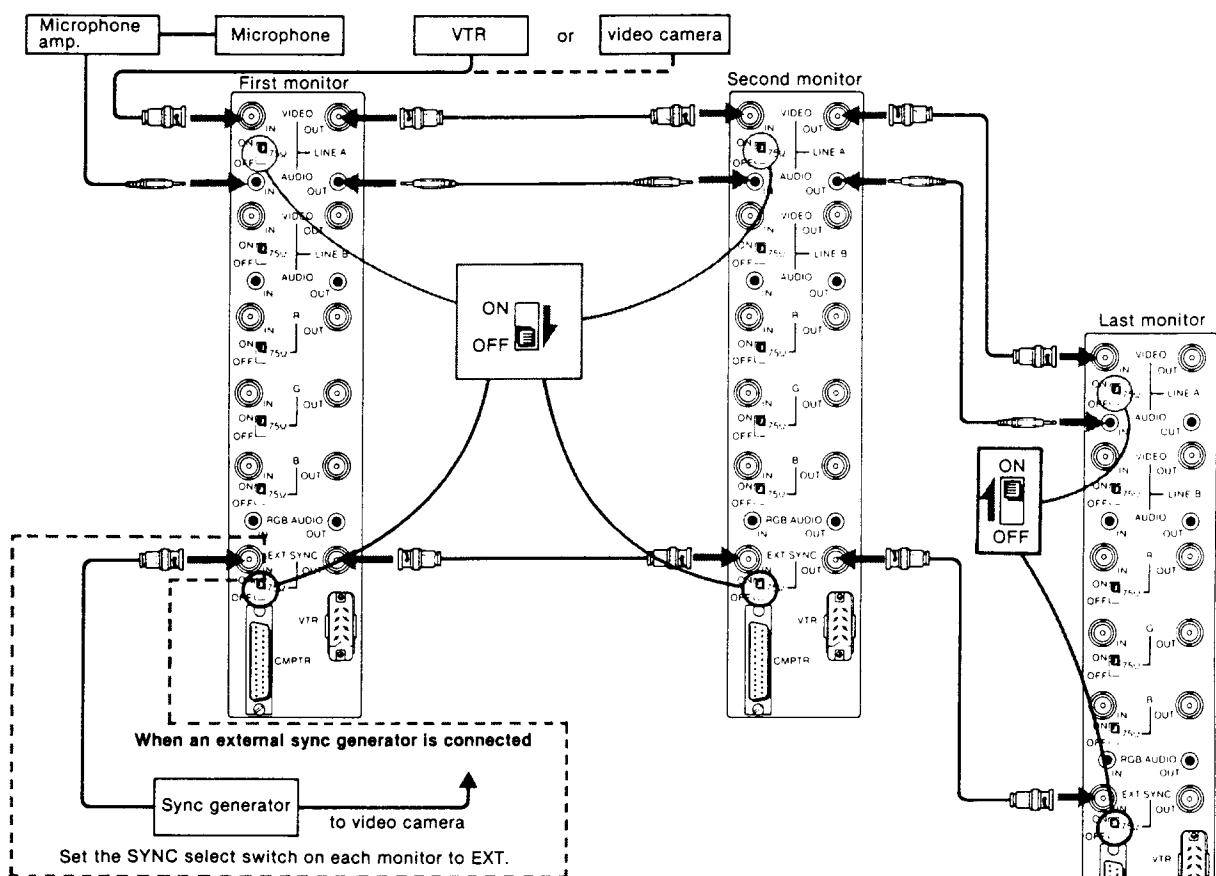
CONNECTING A CAMERA AND A MICROPHONE



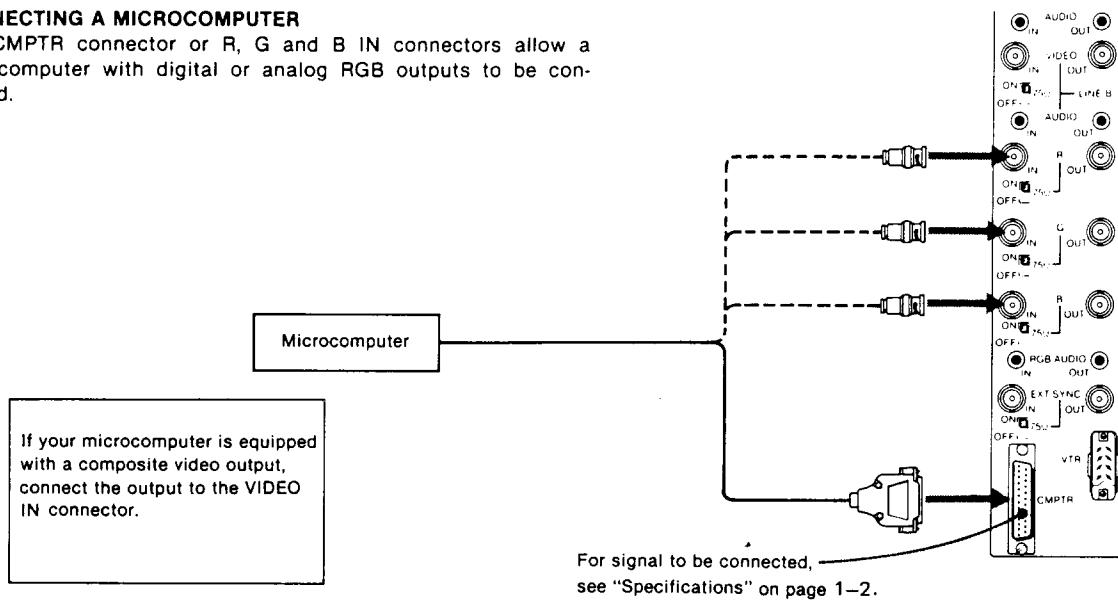
MULTIPLE MONITOR CONNECTION

Up to 10 monitors may be connected. Set the 75Ω termination switch of the **last monitor** to ON, and that of the other monitors to OFF.

The LINE A or LINE B input select button on each monitor should be pushed in.

**CONNECTING A MICROCOMPUTER**

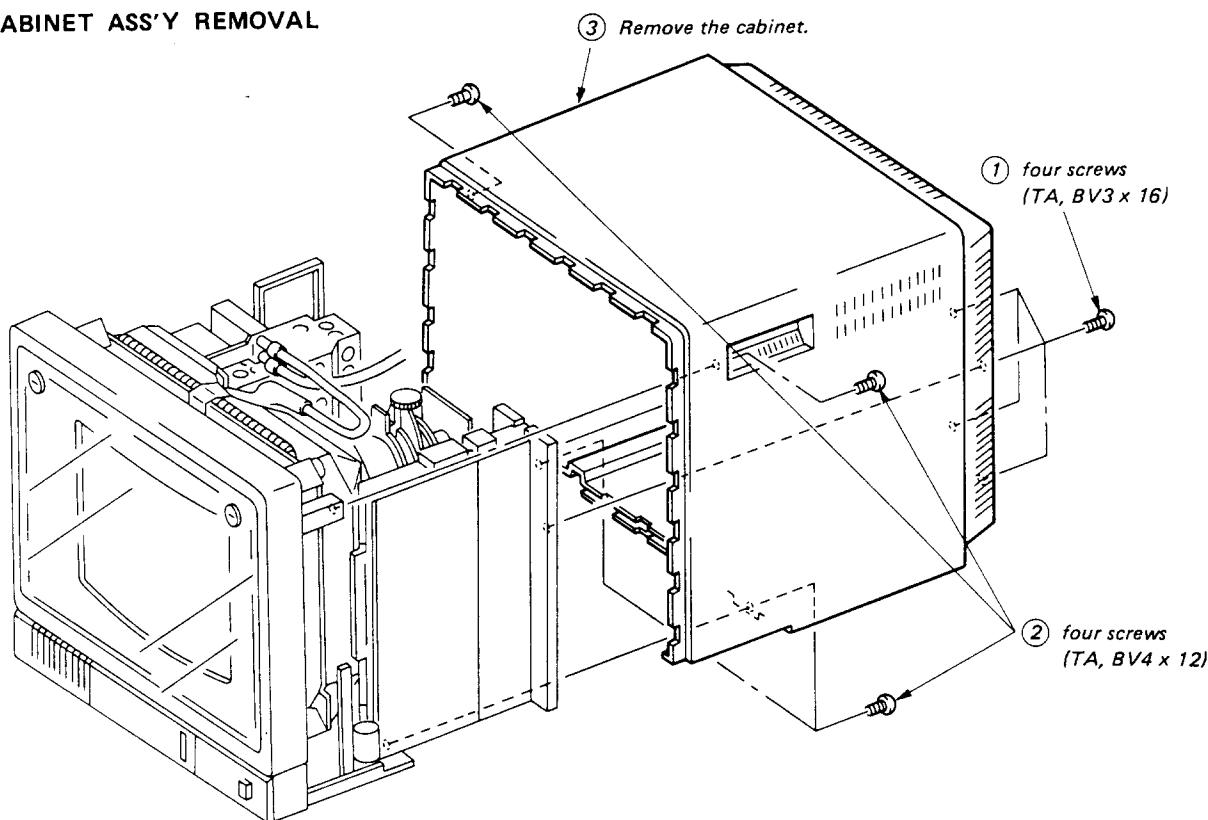
The CMPTR connector or R, G and B IN connectors allow a microcomputer with digital or analog RGB outputs to be connected.



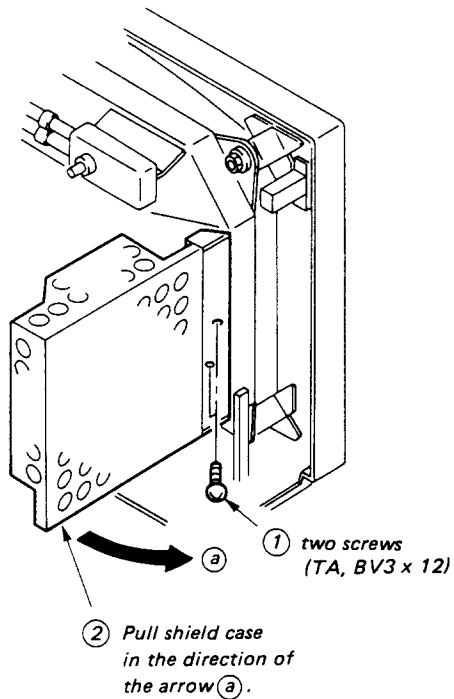
SECTION 2 DISASSEMBLY AND REPLACEMENT

Note: Follow the disassembly procedure in the numerical order given.

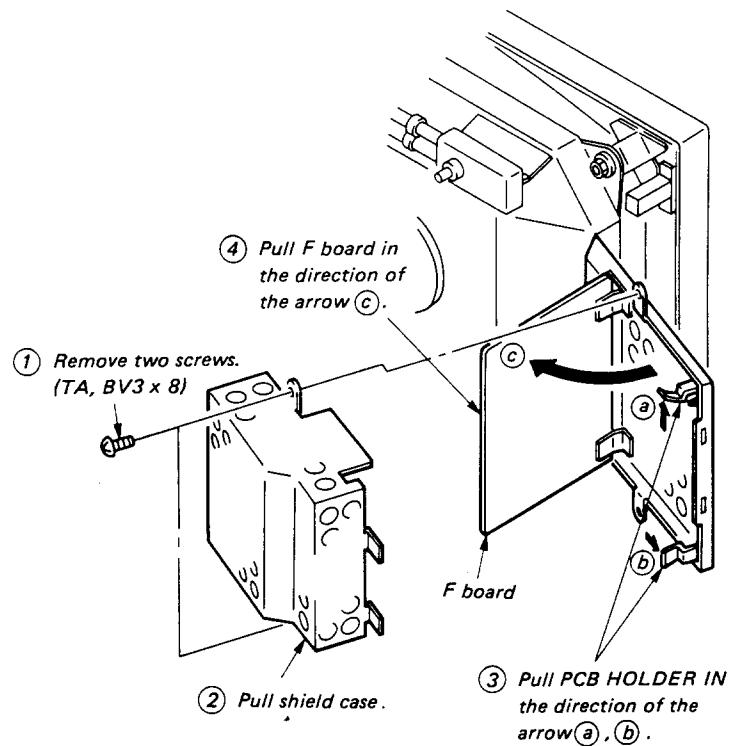
2-1. CABINET ASS'Y REMOVAL

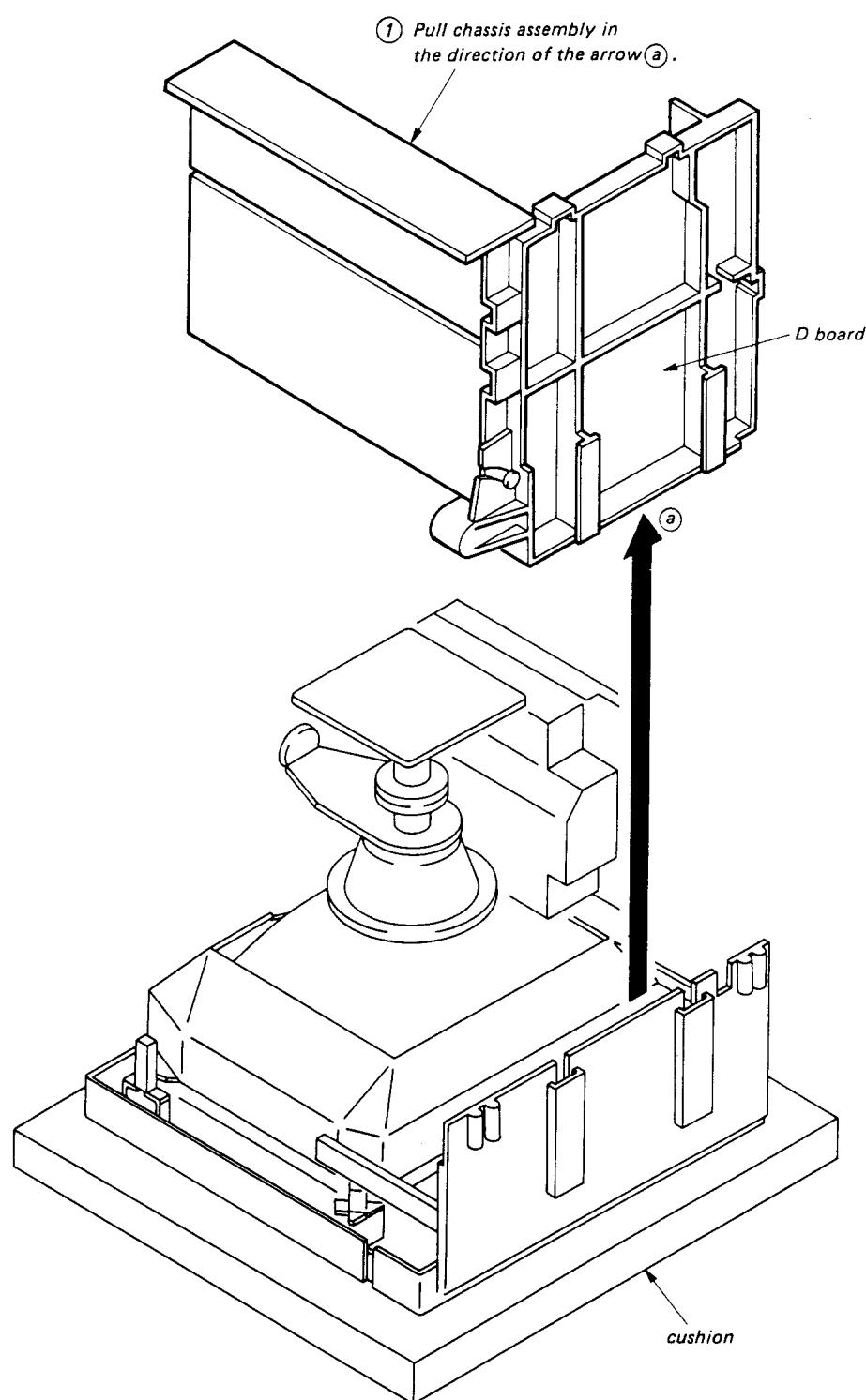


2-2. F BOARD SHIELD CASE ASSEMBLY REMOVAL

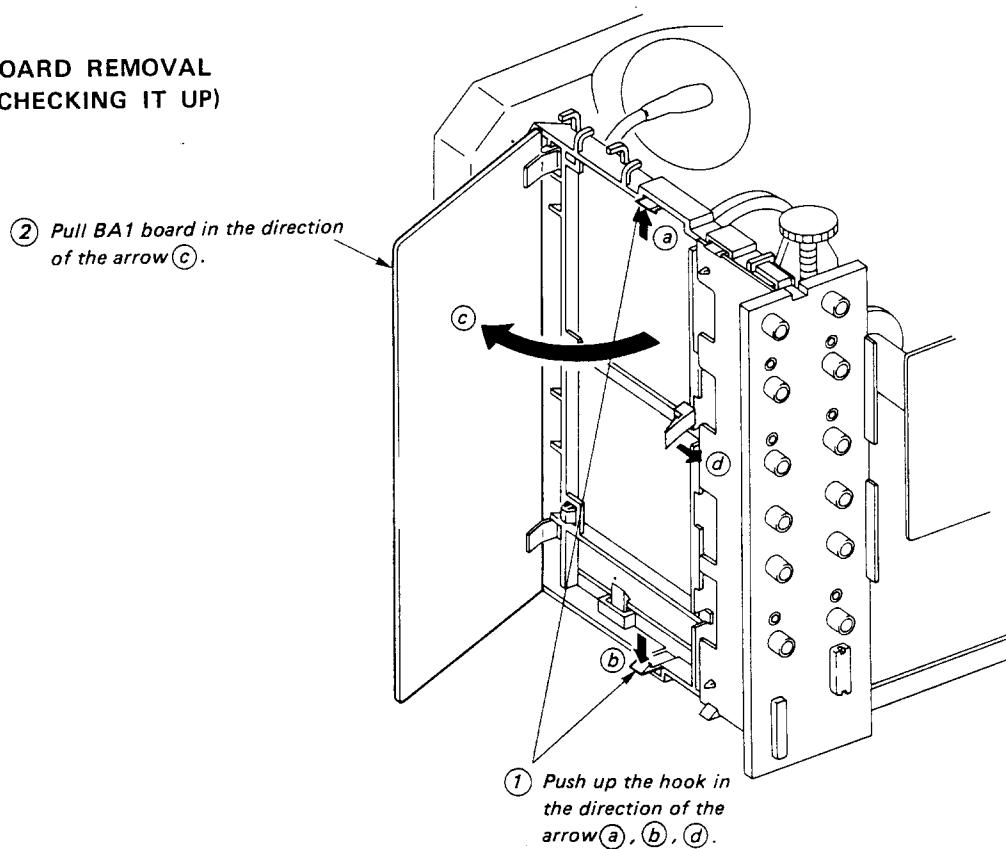


2-3. F BOARD ASSEMBLY REMOVAL (FOR CHECKING IT UP)

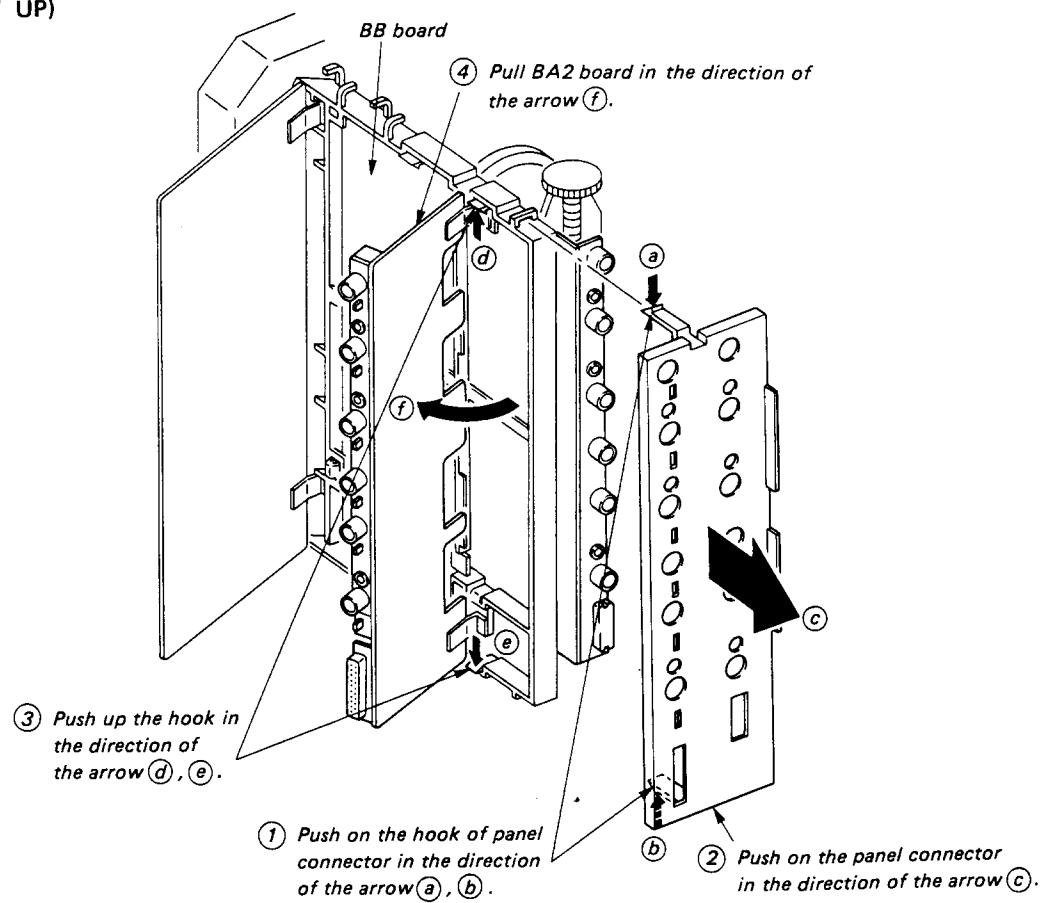


2-4. D BOARD BRACKET ASSEMBLY REMOVAL

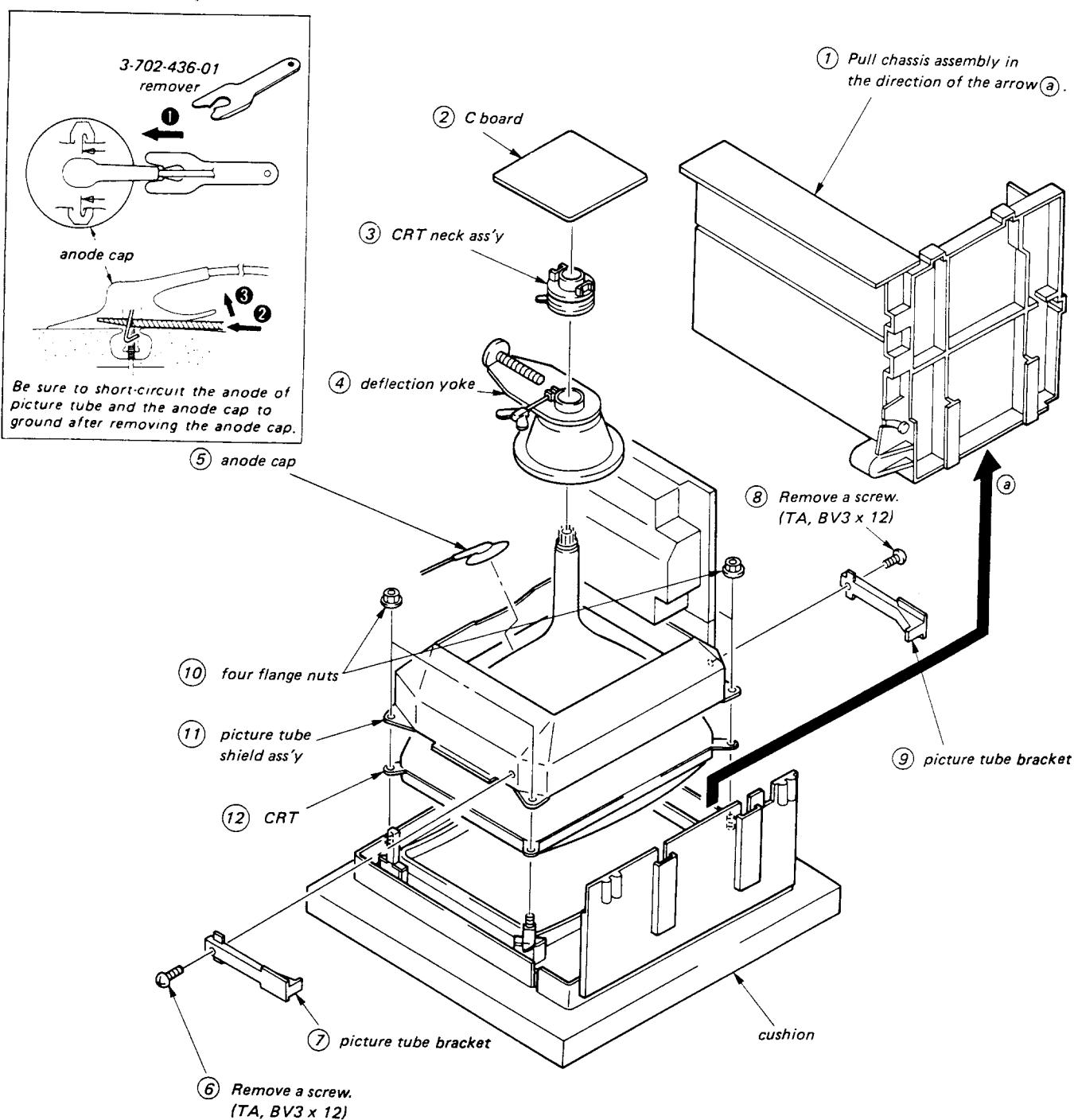
**2-5. BA1 BOARD REMOVAL
(FOR CHECKING IT UP)**



**2-6. BA2, BB BOARD ASSEMBLY REMOVAL
(FOR CHECKING IT UP)**

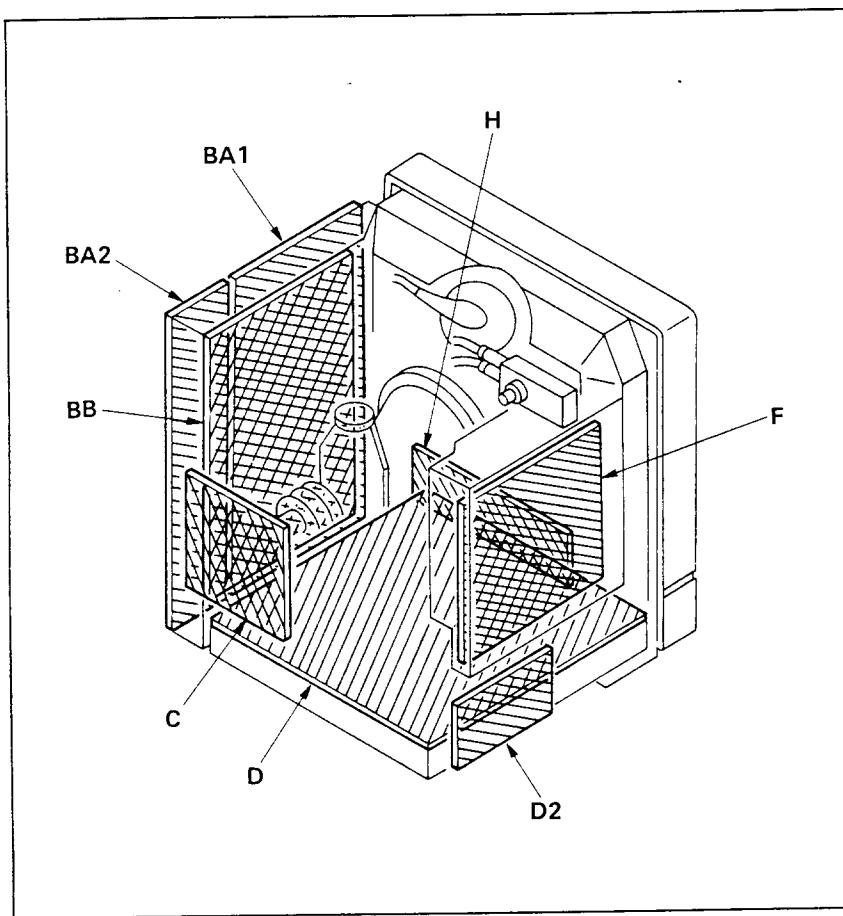


2-7. PICTURE TUBE REMOVAL

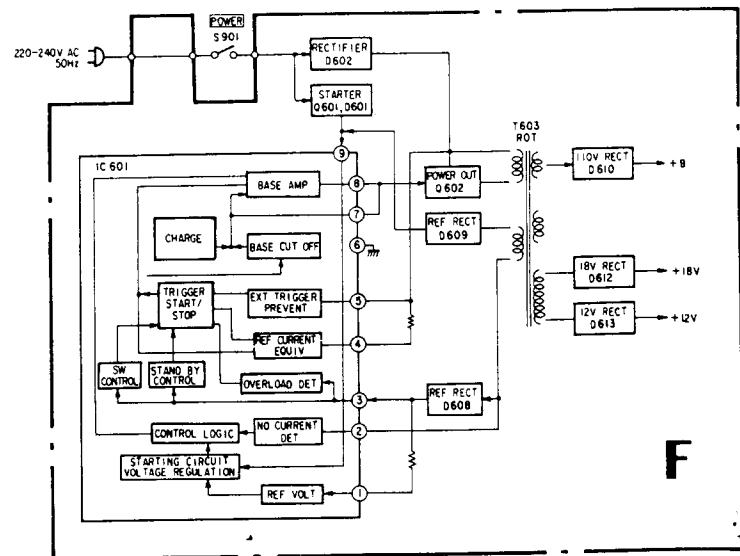
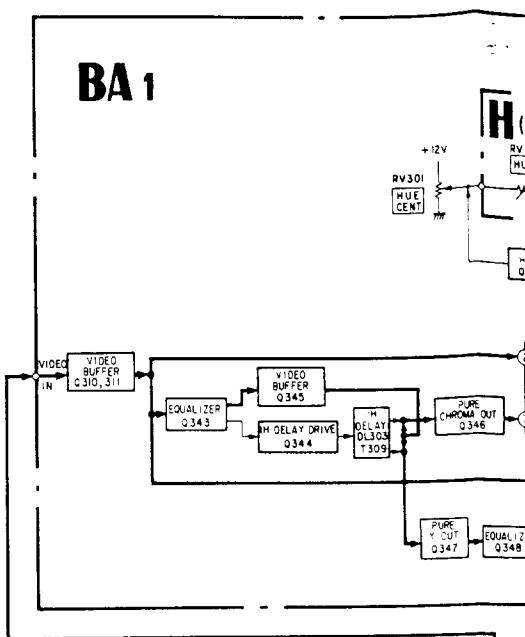


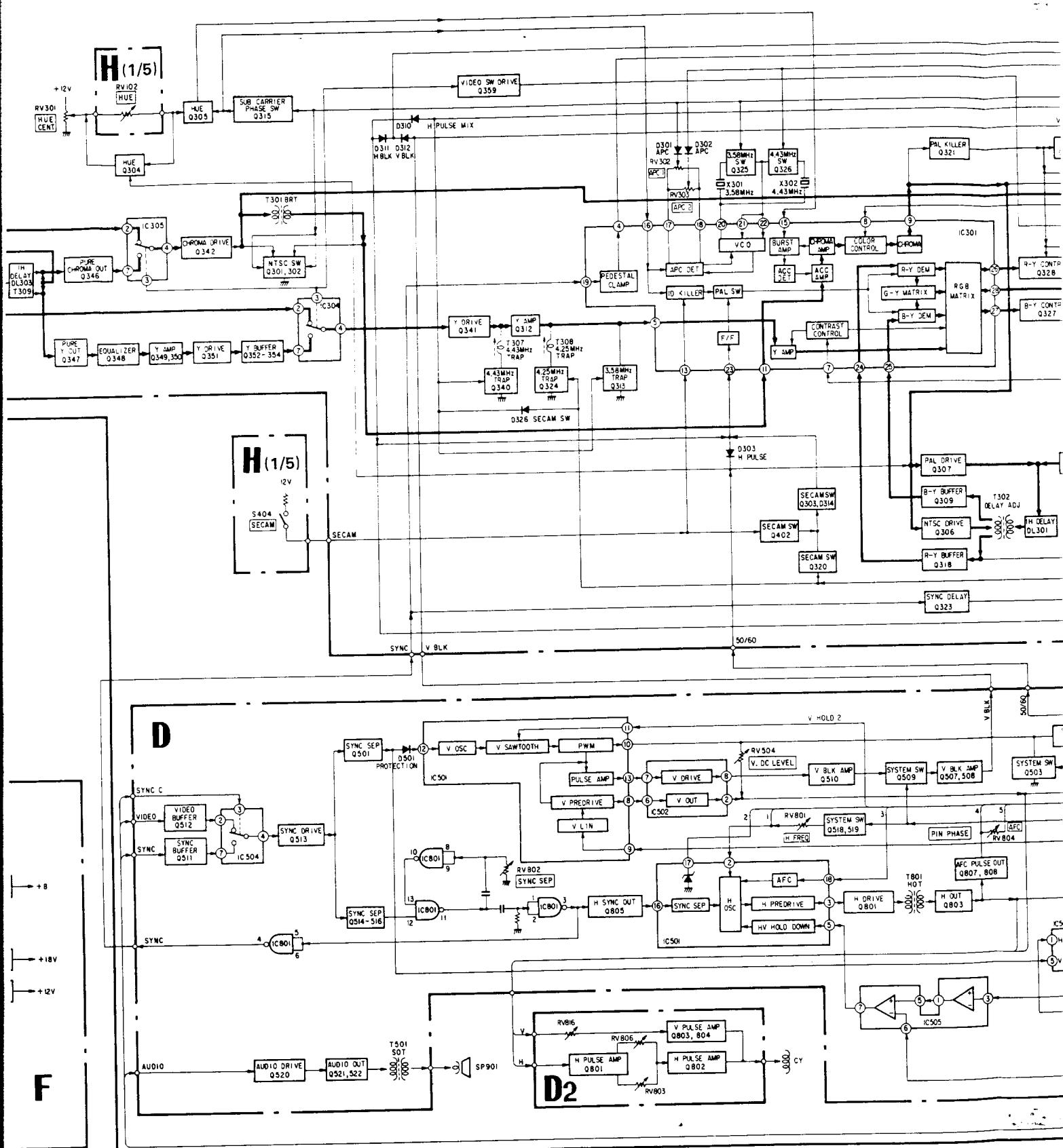
SECTION 3 DIAGRAMS

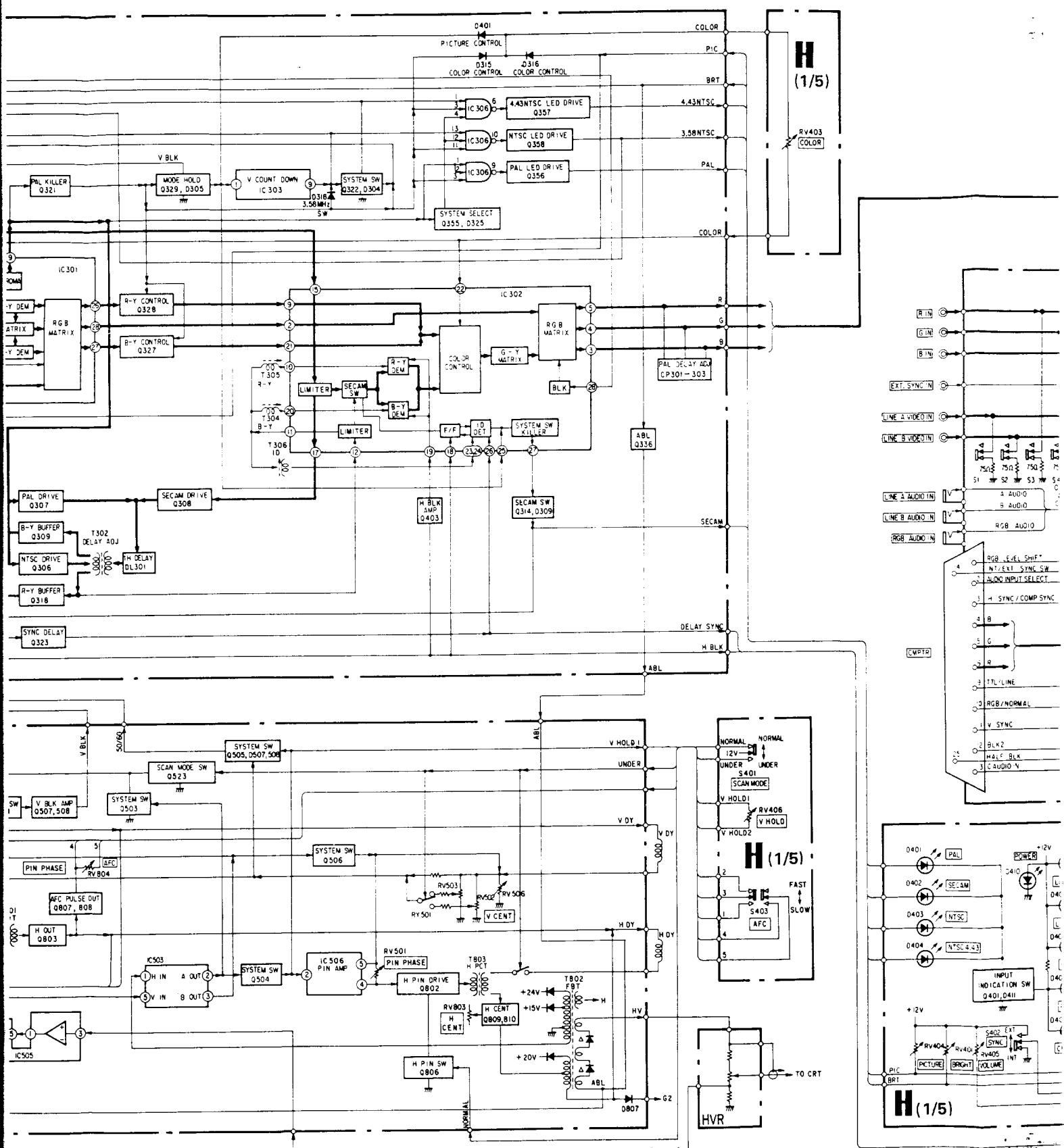
3-1. CIRCUIT BOARDS LOCATION

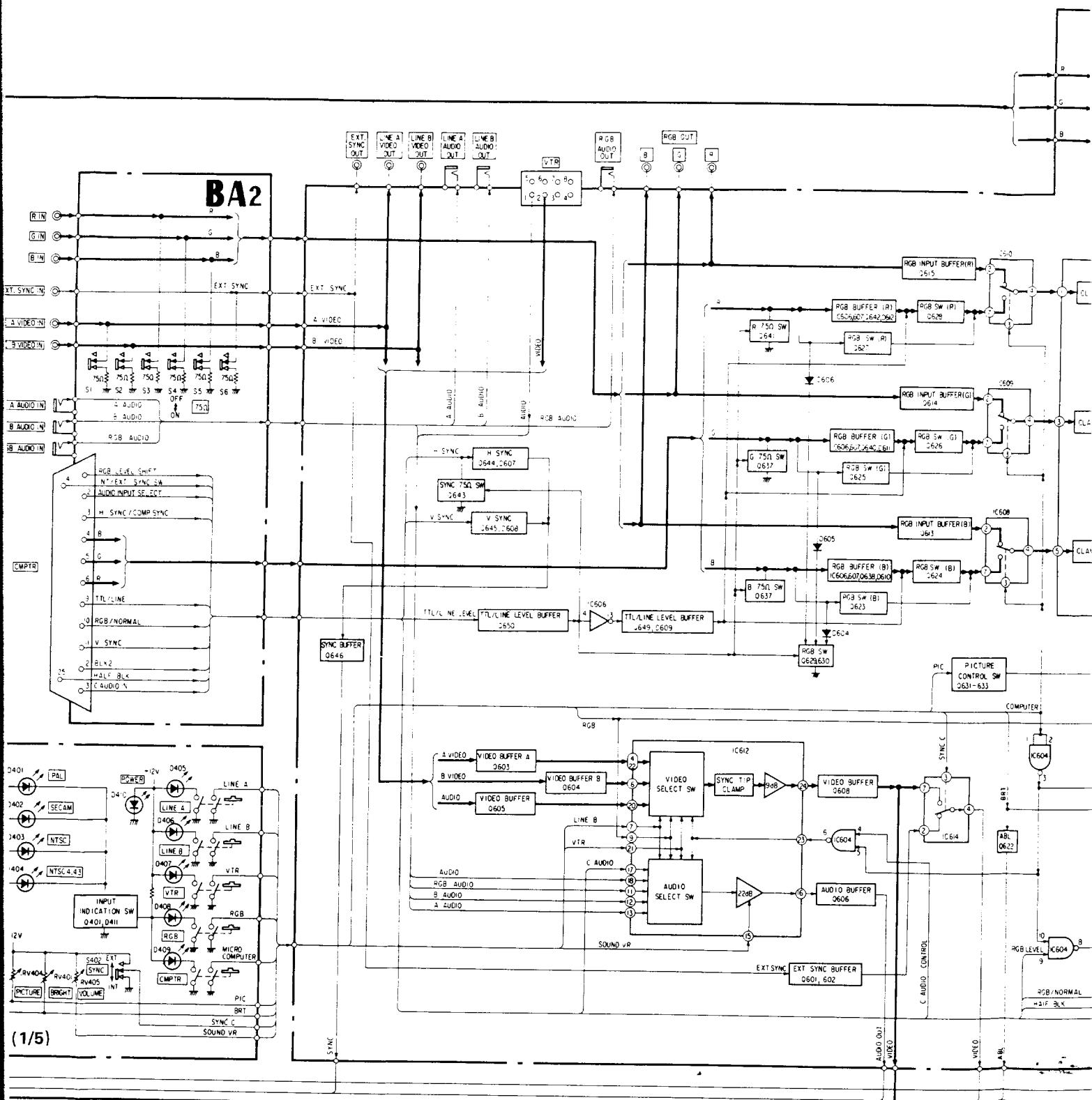


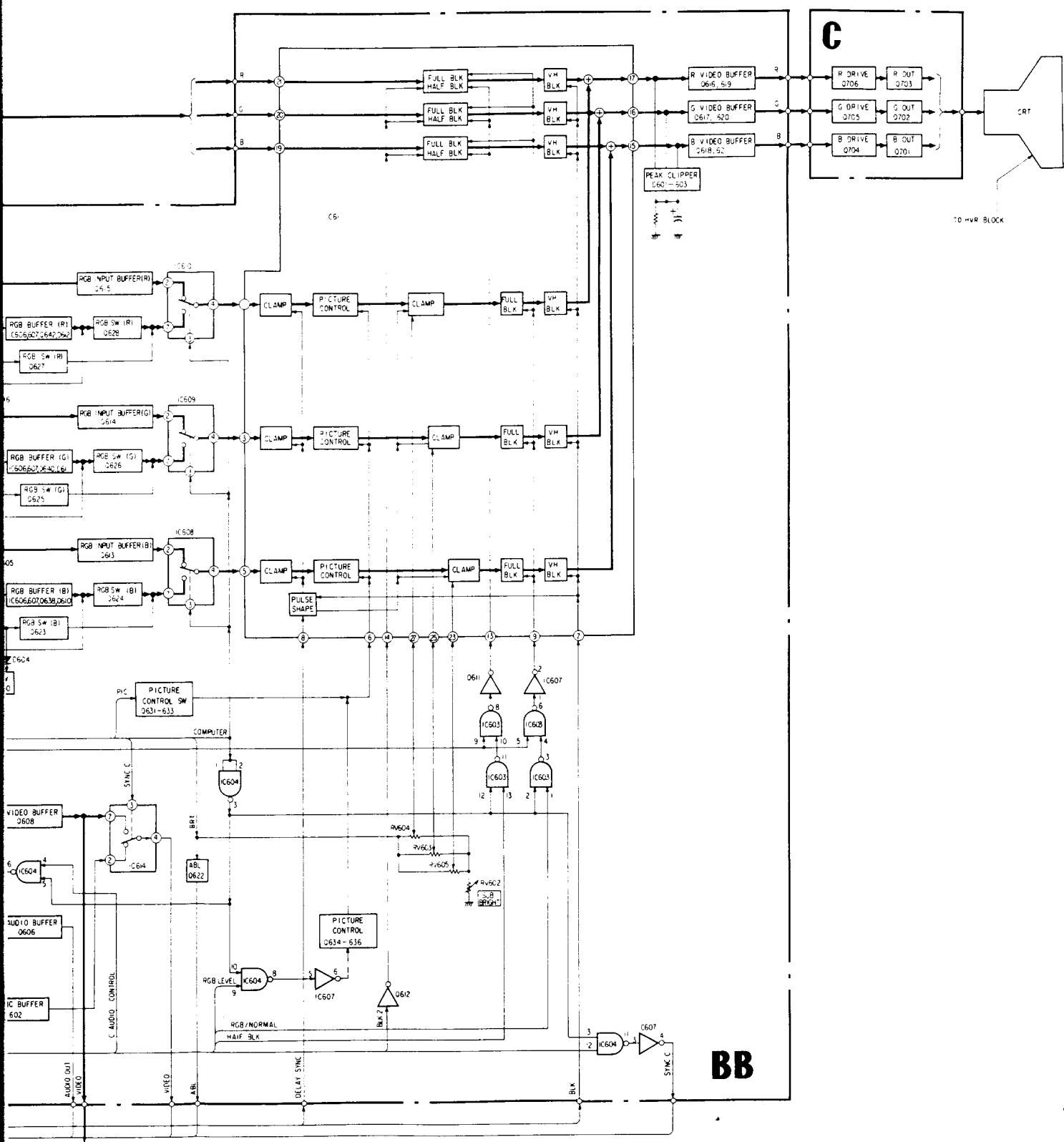
3-2. BLOCK DIAGRAM



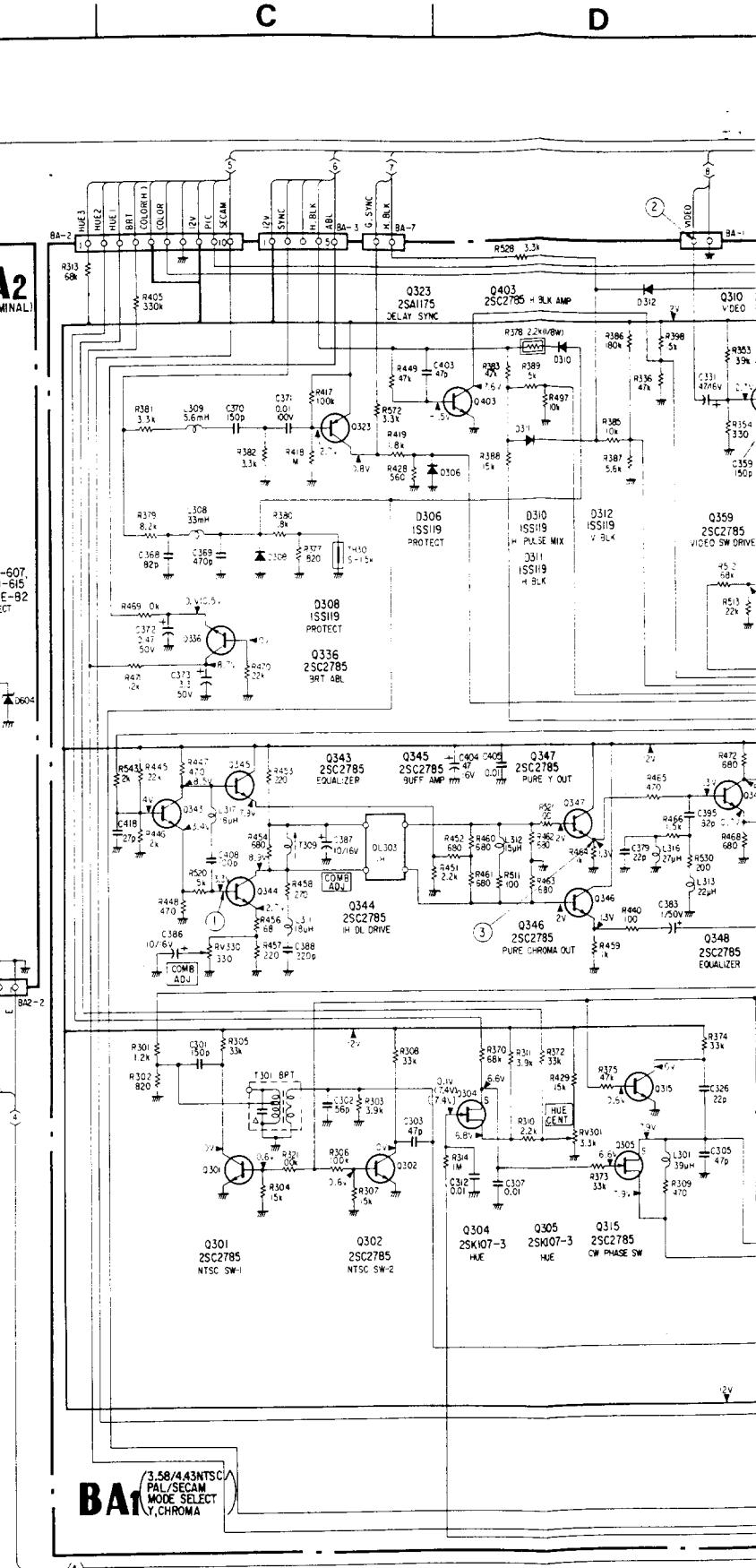
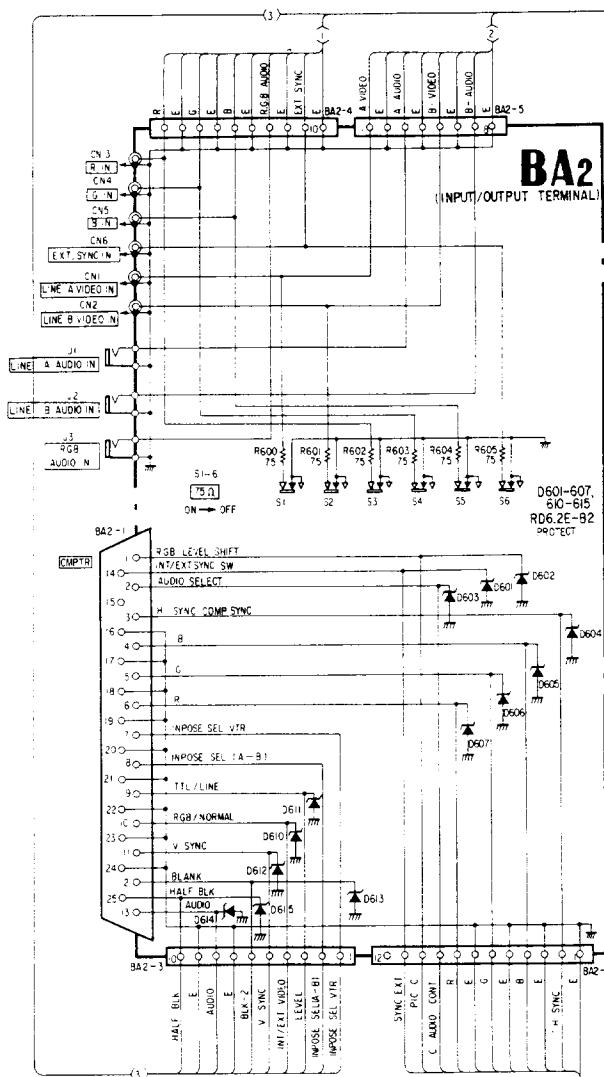


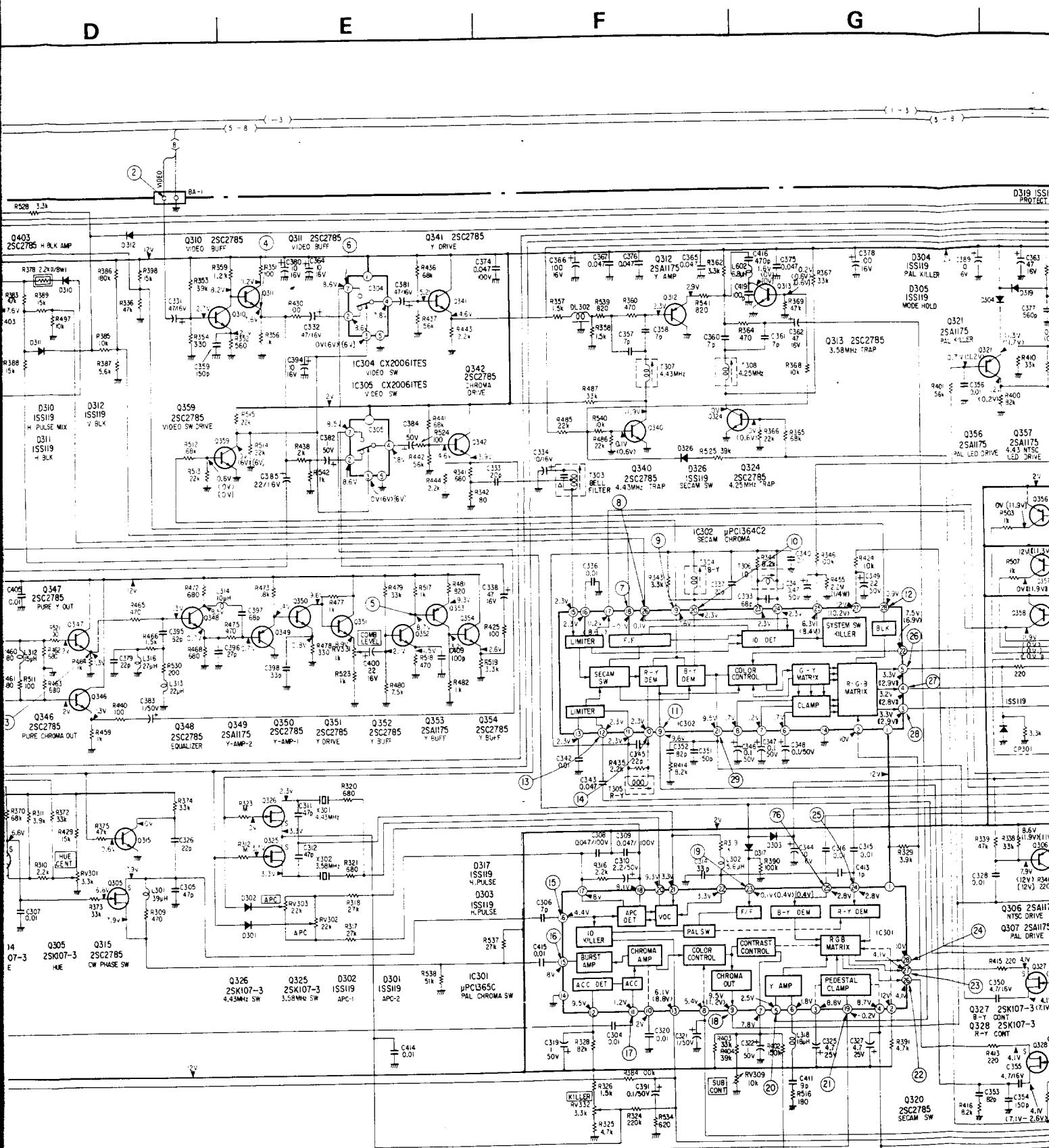






3-3. SCHEMATIC DIAGRAM

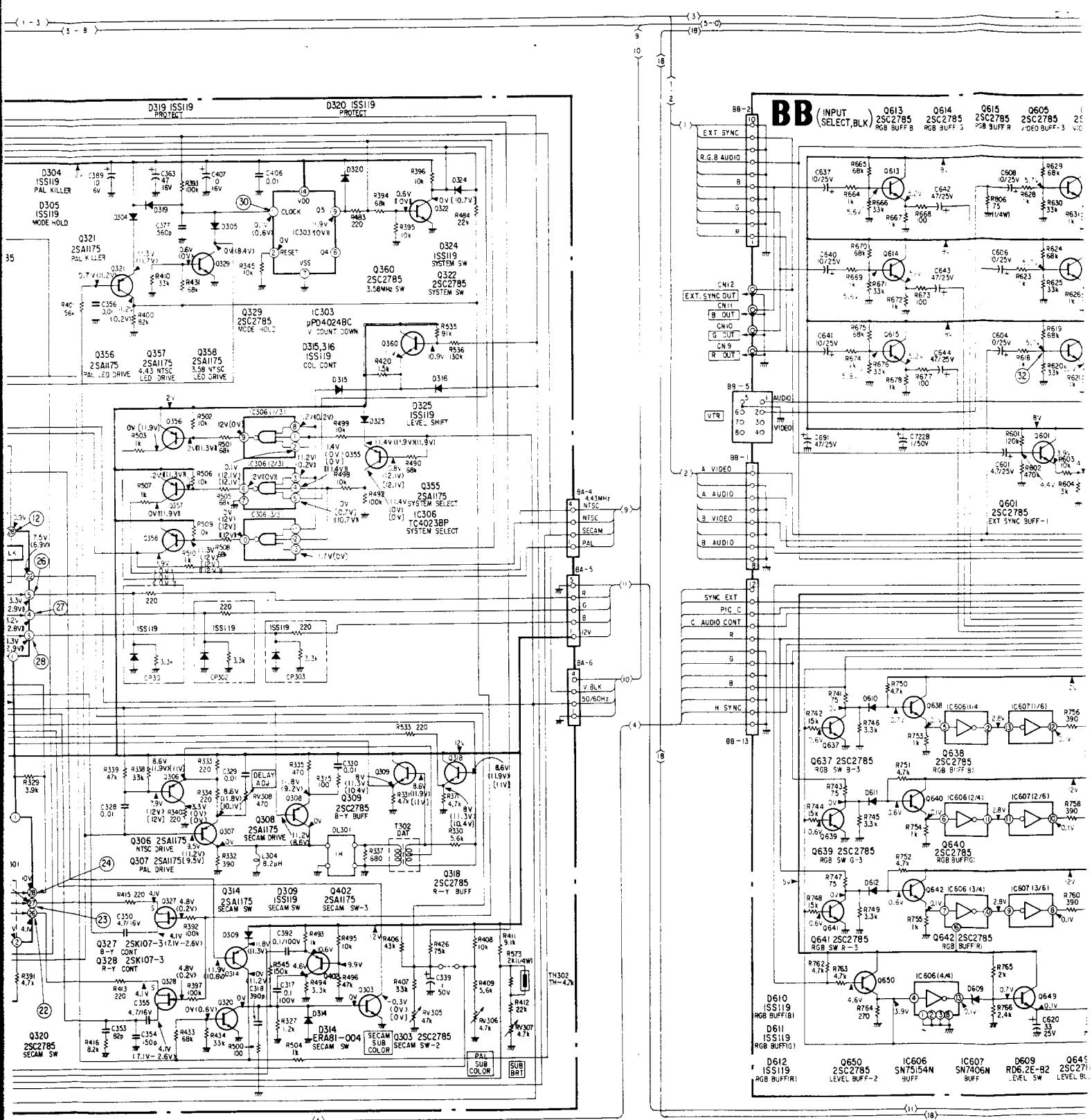
A**B****C****D**

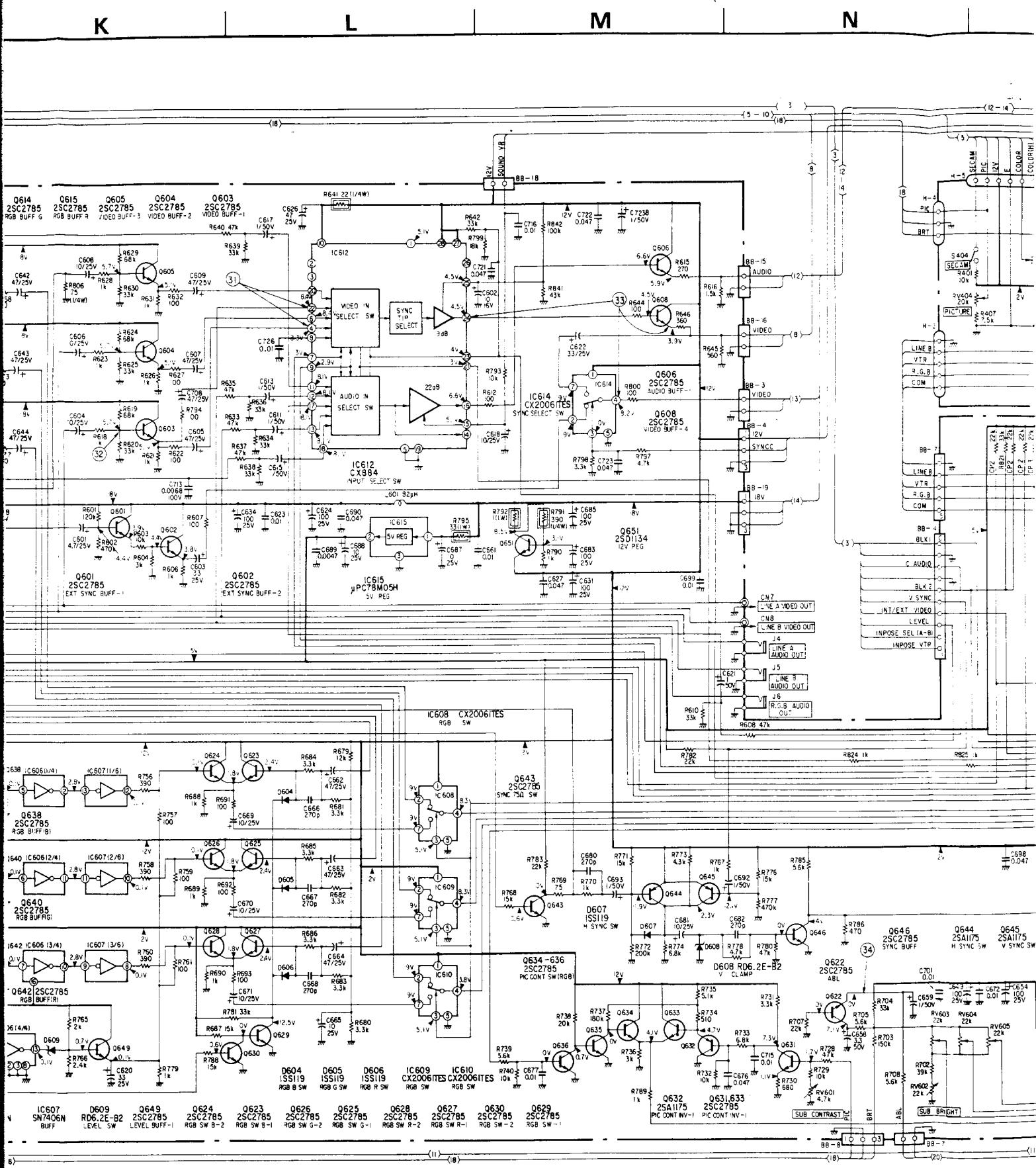


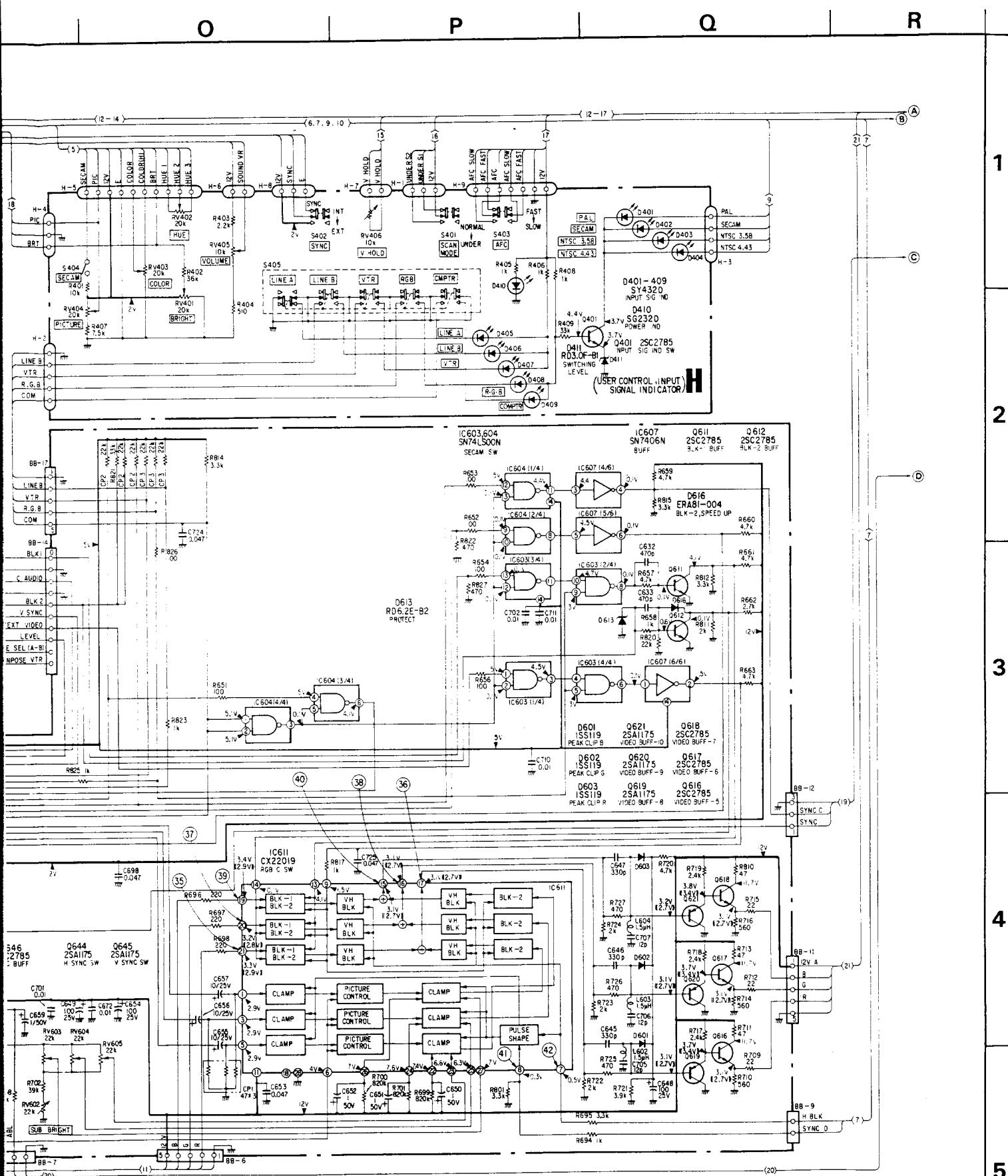
H

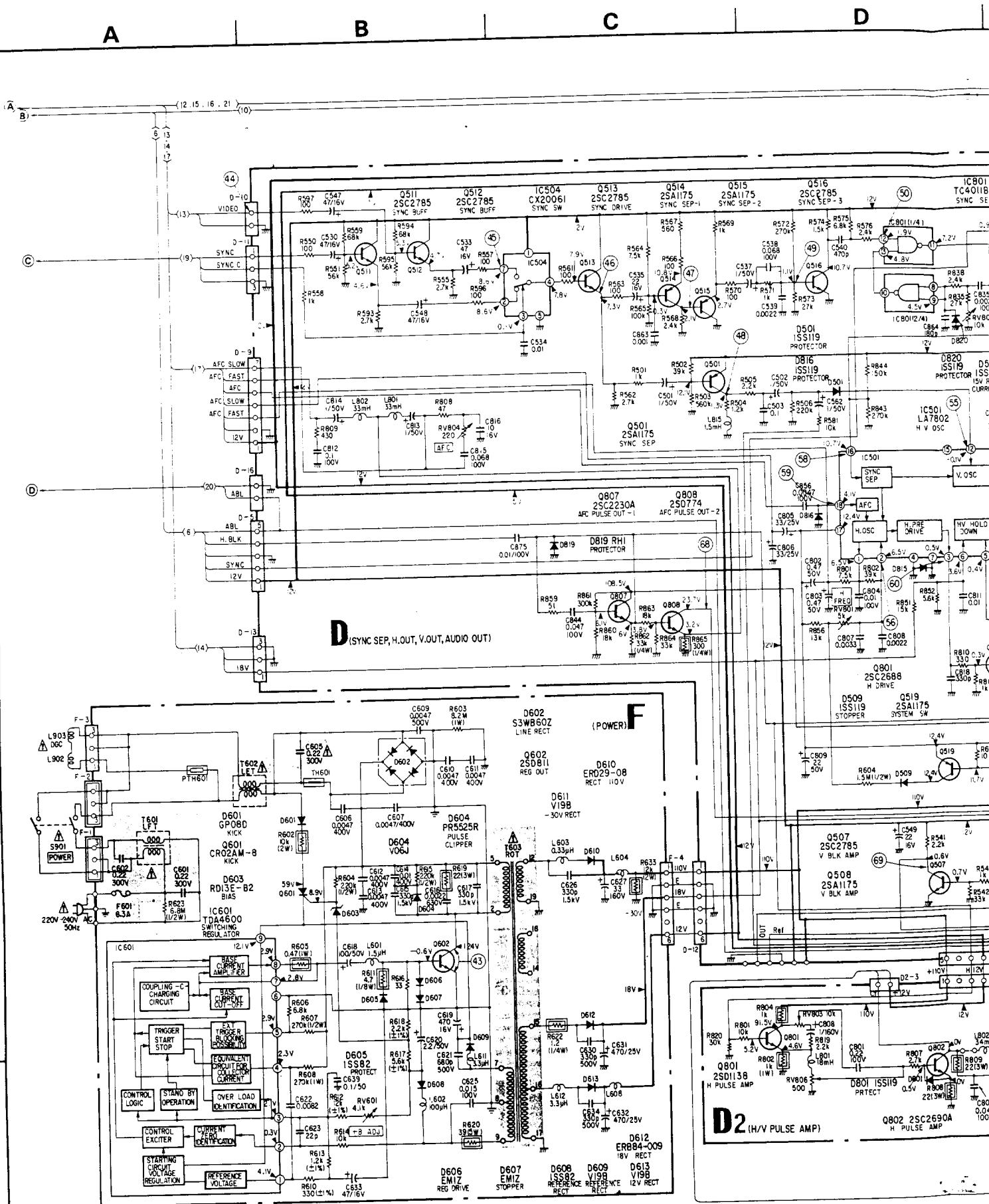
J

K







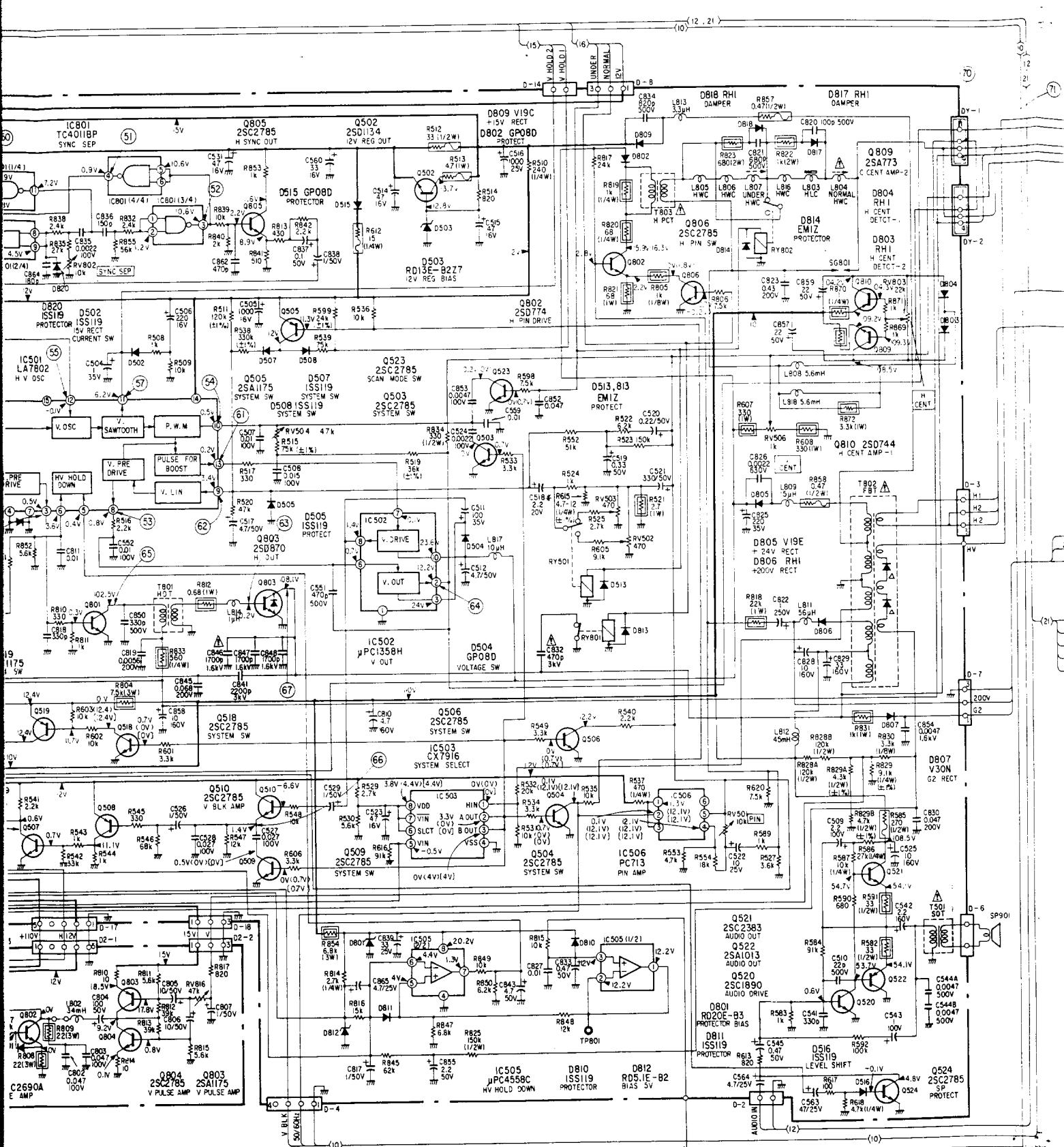


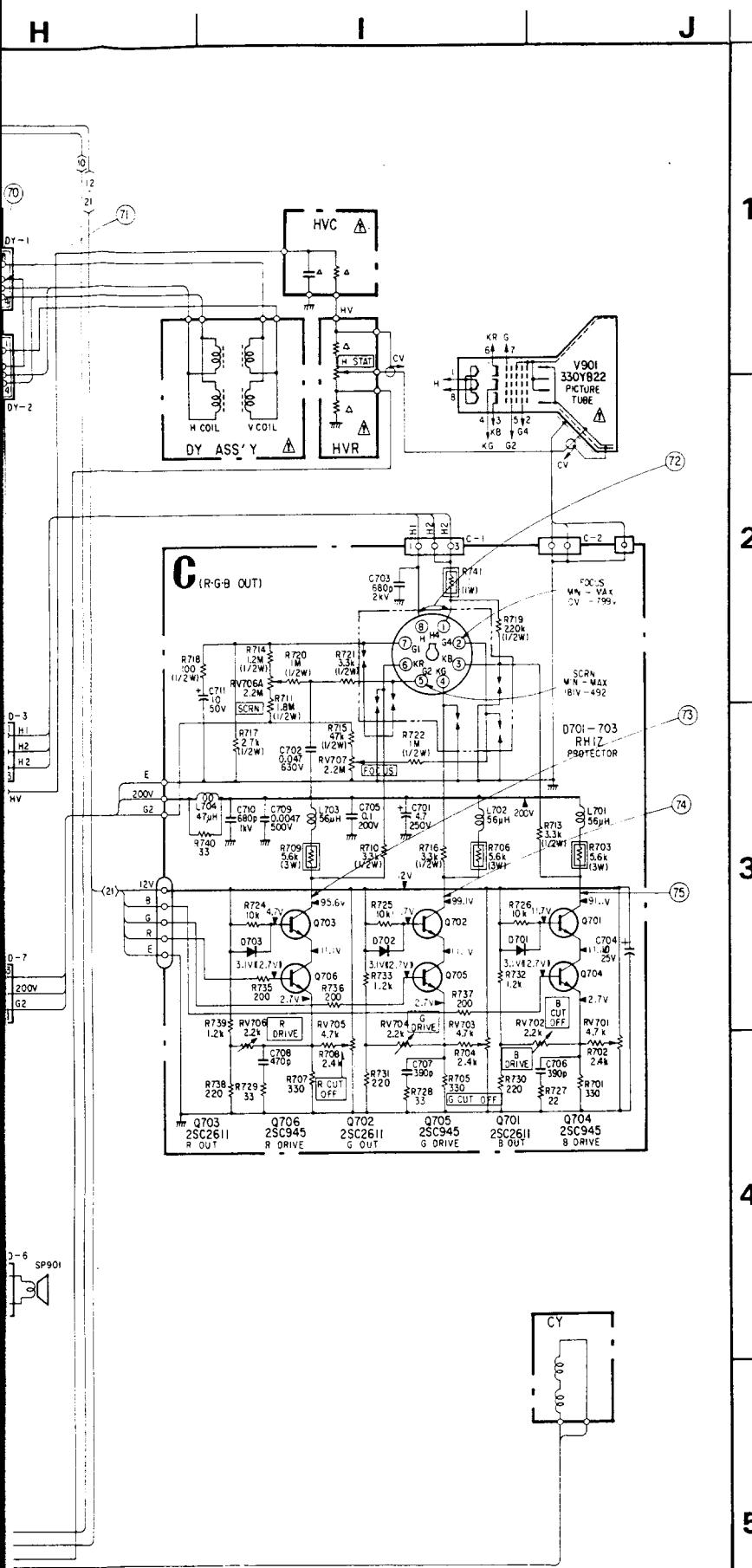
E

F

G

H





Note: The components identified by shading and mark are critical for safety. Replace only with part number specified.

1

Note:

- All capacitors are in μF unless otherwise noted. μ : $\mu\mu\text{F}$ 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. k : 1000Ω , M : $1000\text{k}\Omega$
- On C board all resistors are in ohms, $\frac{1}{4}\text{W}$ unless otherwise noted. $k\Omega$: 1000Ω , $M\Omega$: $1000\text{k}\Omega$
- : nonflammable resistor.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : fusible resistor.
- \triangle : internal component.
- : panel designation.

2

- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a $10M\Omega$ digital multimeter.
- Voltage variations may be noted due to normal production tolerances.
- Readings are taken with a color-bar signal input.
- : adjustment for repair.
- Voltage on F board is taken with Q602 Emitter.
- no mark : with NTSC3.58 color-bar signal received.
(: with SECAM color-bar signal received.
[] : with PAL color-bar signal received.
(()) : with NTSC4.43 color-bar signal received.
- * Selected to yield optimum performance.

3

4

5

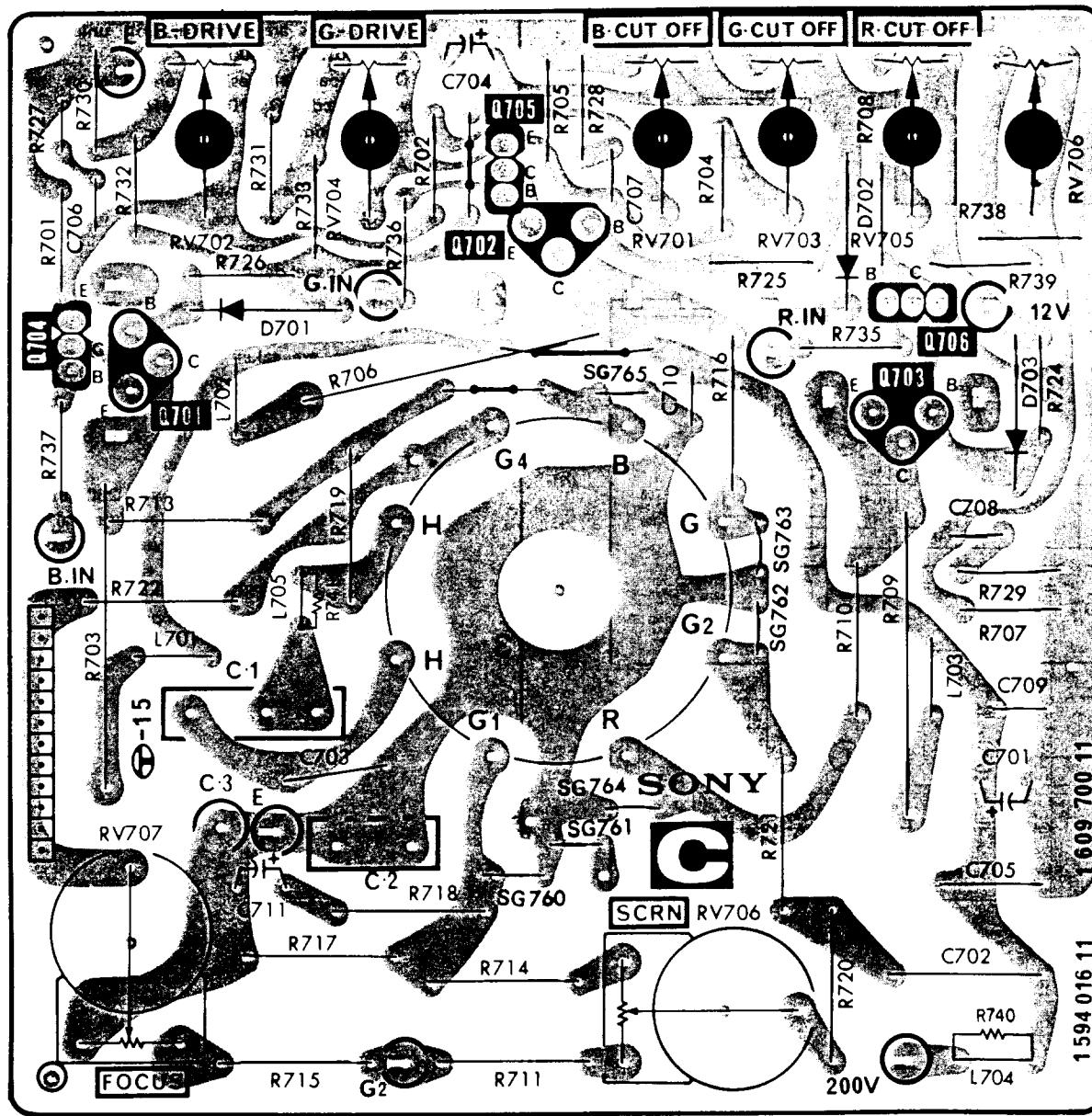
3-4. PRINTED WIRING BOARDS
— Conductor Side —

C

[R-G-B OUT]

A**B****C****D**

— C Board —



[USER CONTROL,
INPUT, SIGNAL INDICATOR]

H

[INPUT/OUTPUT TERMINAL]

BA2

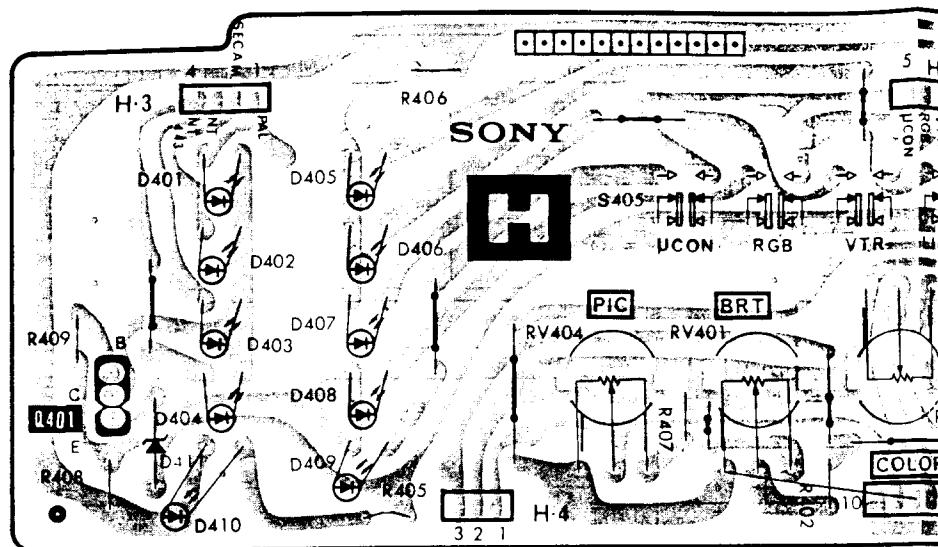
E

F

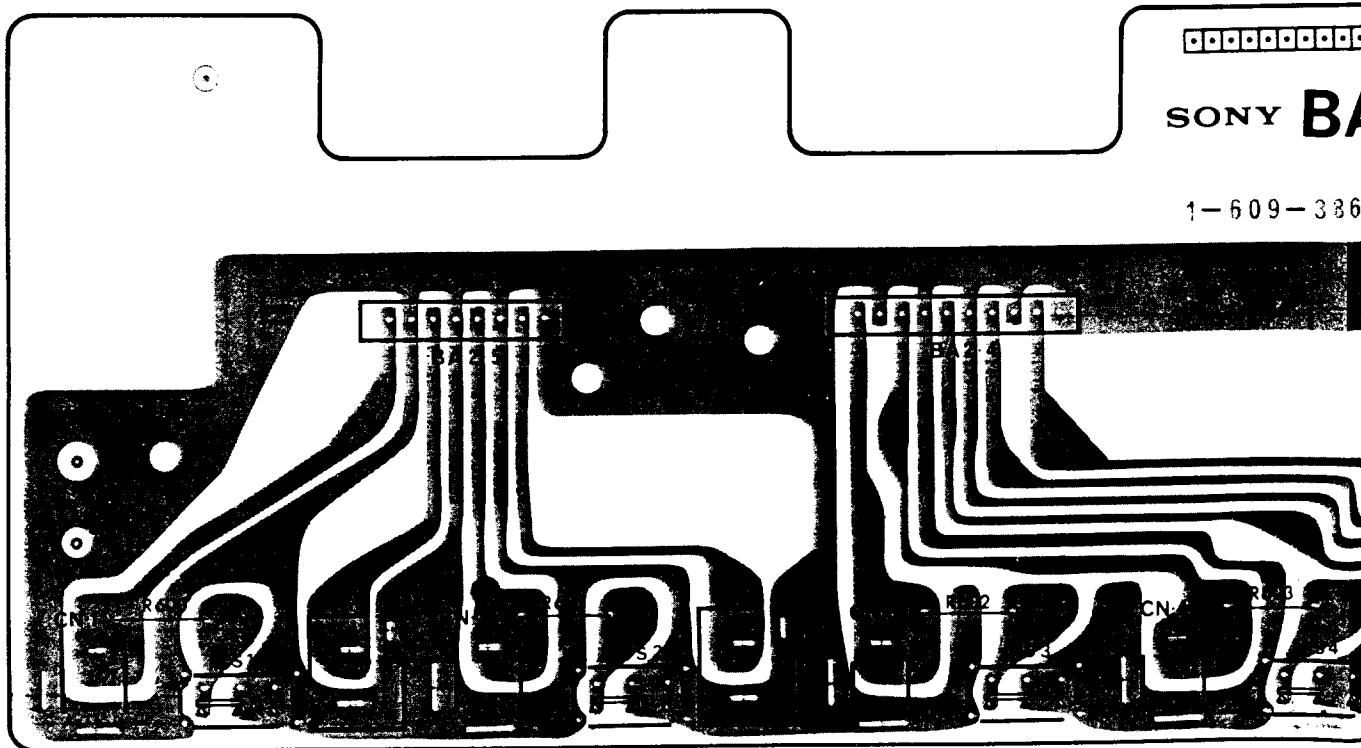
G

H

— H Board —

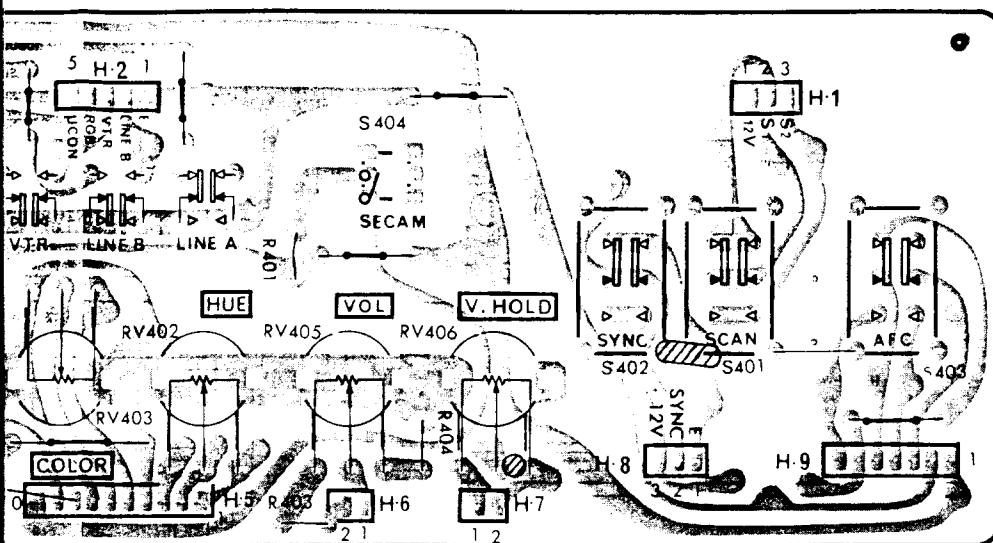


— BA2 Board —



H BA2

H | I | J | K | L



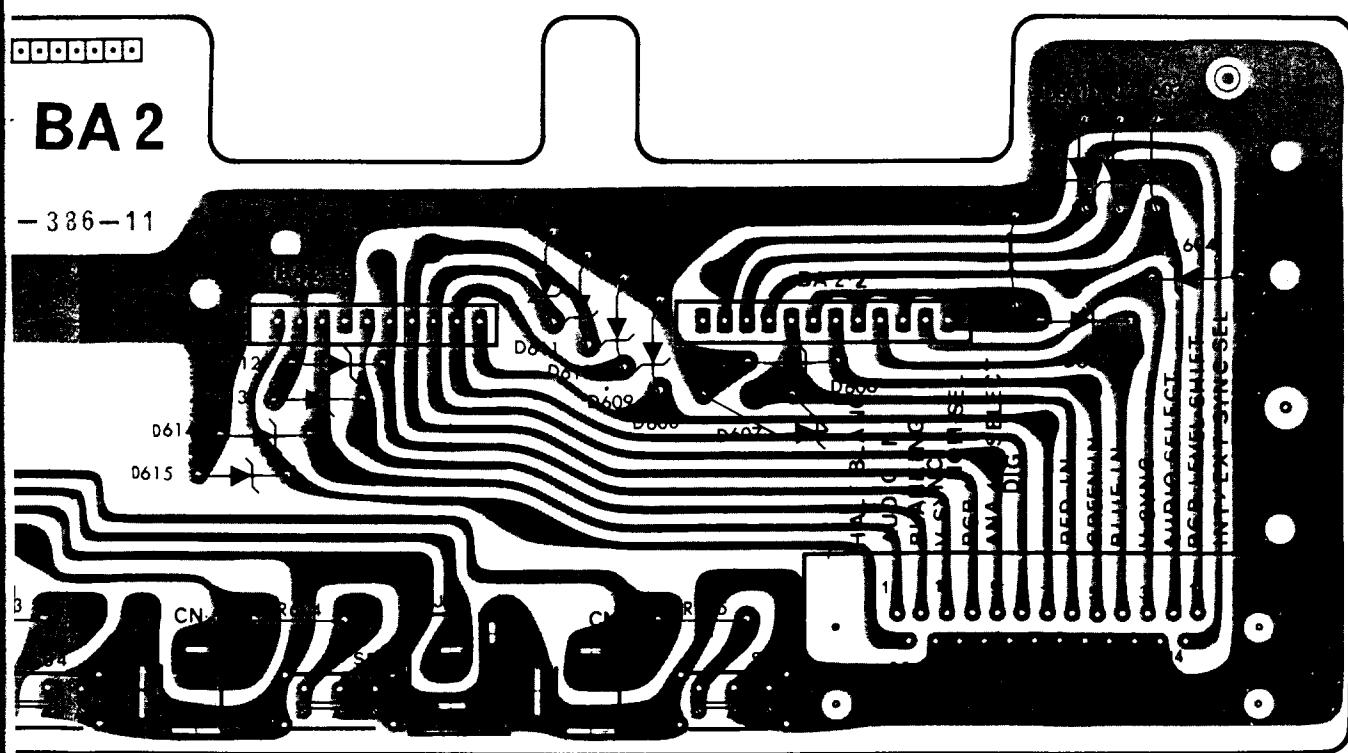
1

2

3

4

5



F

[POWER]

A

B

C

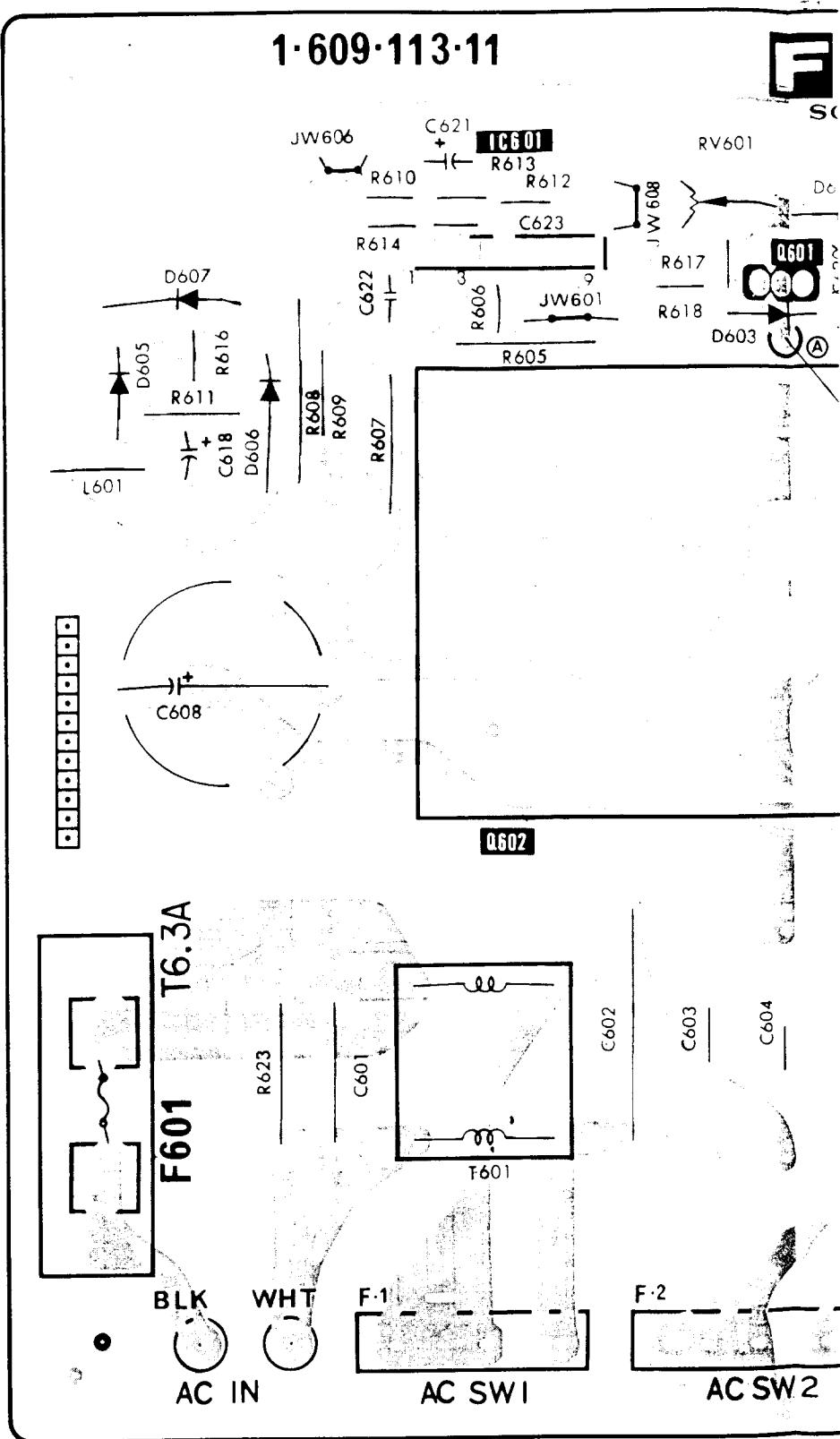
D

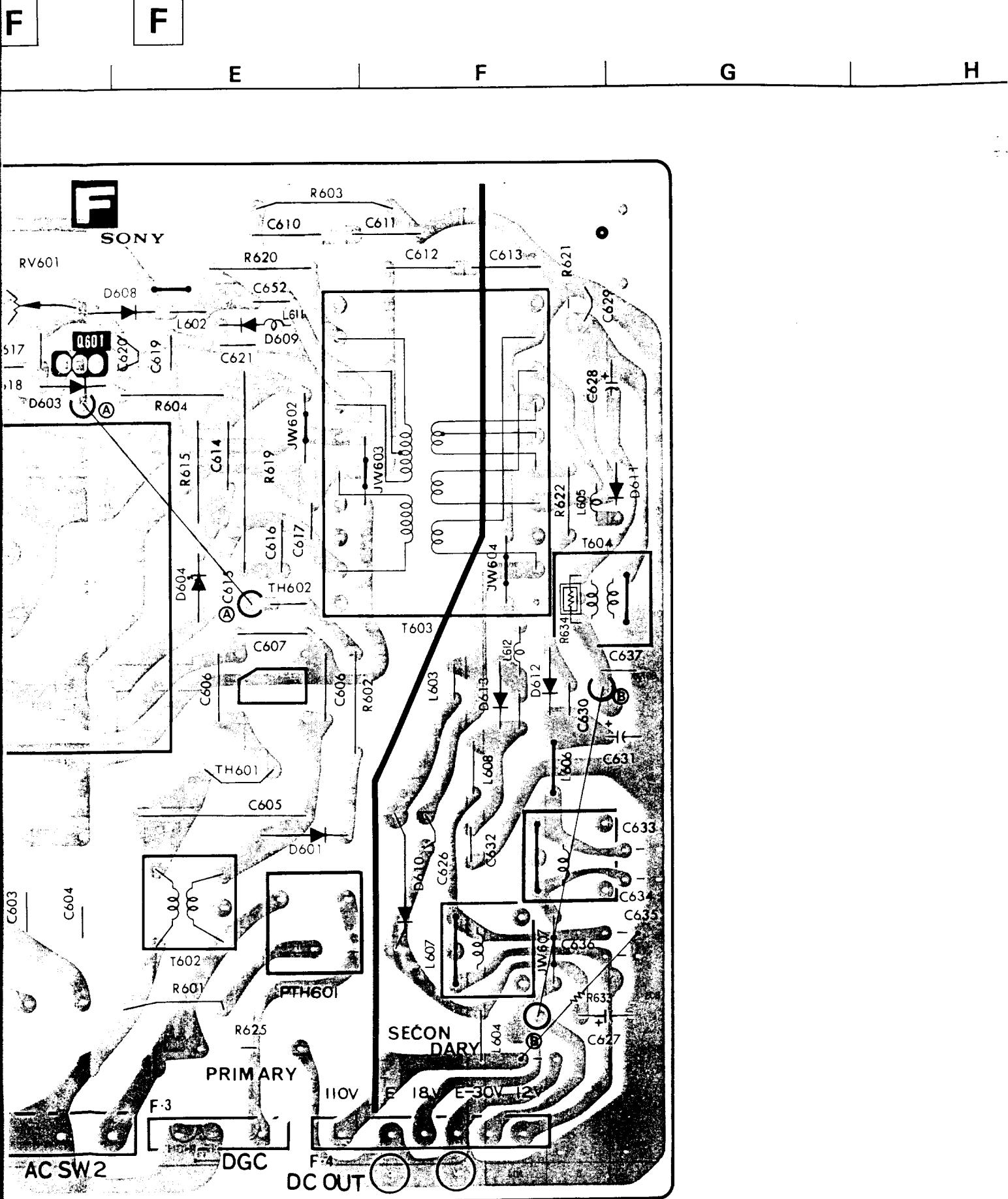
— F Board —

1·609·113·11

F
SC

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





[SYNC SEP, H. OUT,
V. OUT, AUDIO OUT]

D

C

A

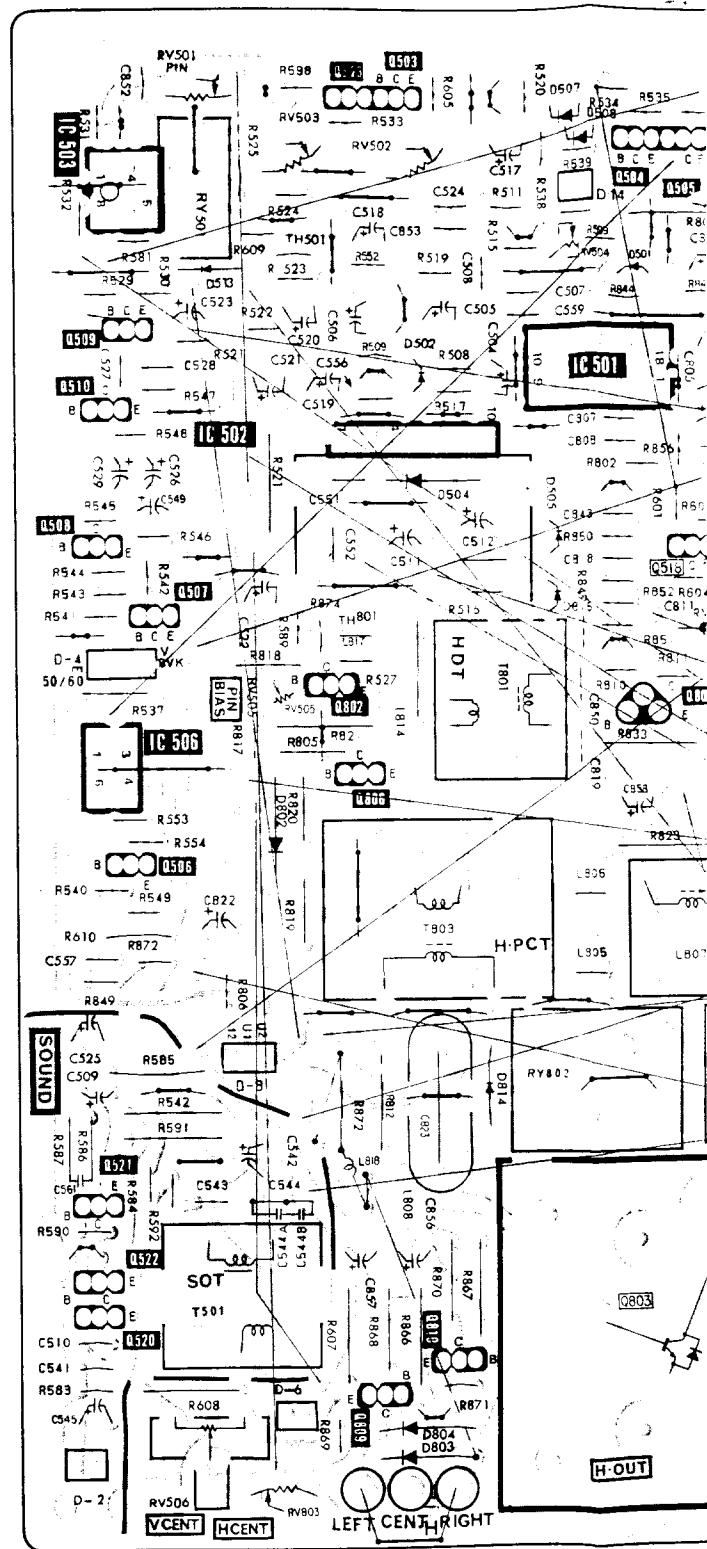
B

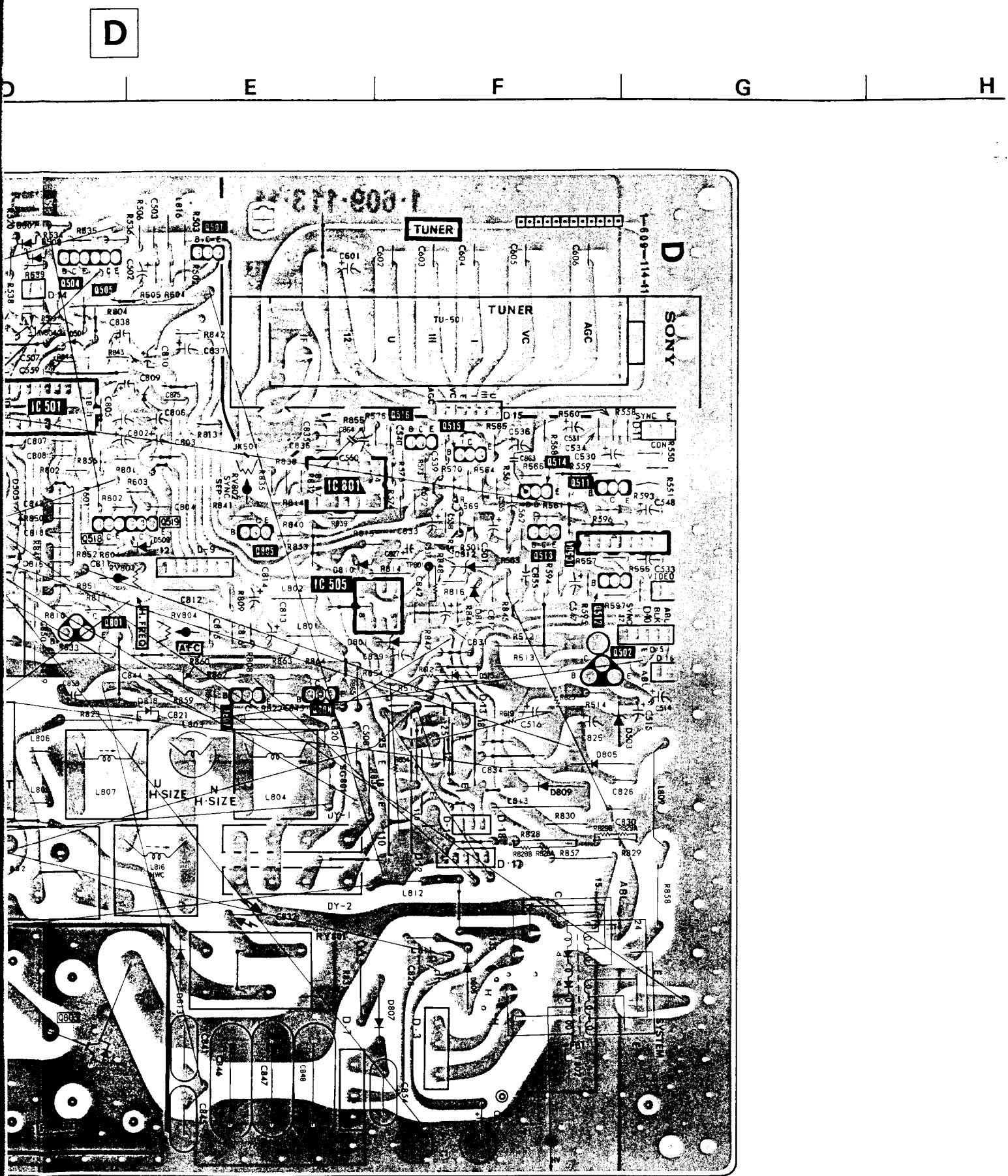
C

D

— D Board —

Q, IC		D	ADJ
523	503	507	RV501
504	501	508	RV503 RV502
505			RV504
IC503		513501	
509			
IC501		502	
610	516		
IC502	5.5		RV802
IC801	51	504	
	514		
508	519	505	
518			
905	513	509	
IC504			
507	815	810	RV801
	812	3:2	
IC505	512	811	
802			RV505 RV804
IC506			
806	502	801	
	807,808		
		802 818	
506		503	
		805	
		809	
814			
521		813	
522	803	806	
520			RV506 RV803
810			
809			
		804	
		803	
			RV803
Q, IC		D	ADJ





BB

[INPUT, SELECT, BLK]

A

B

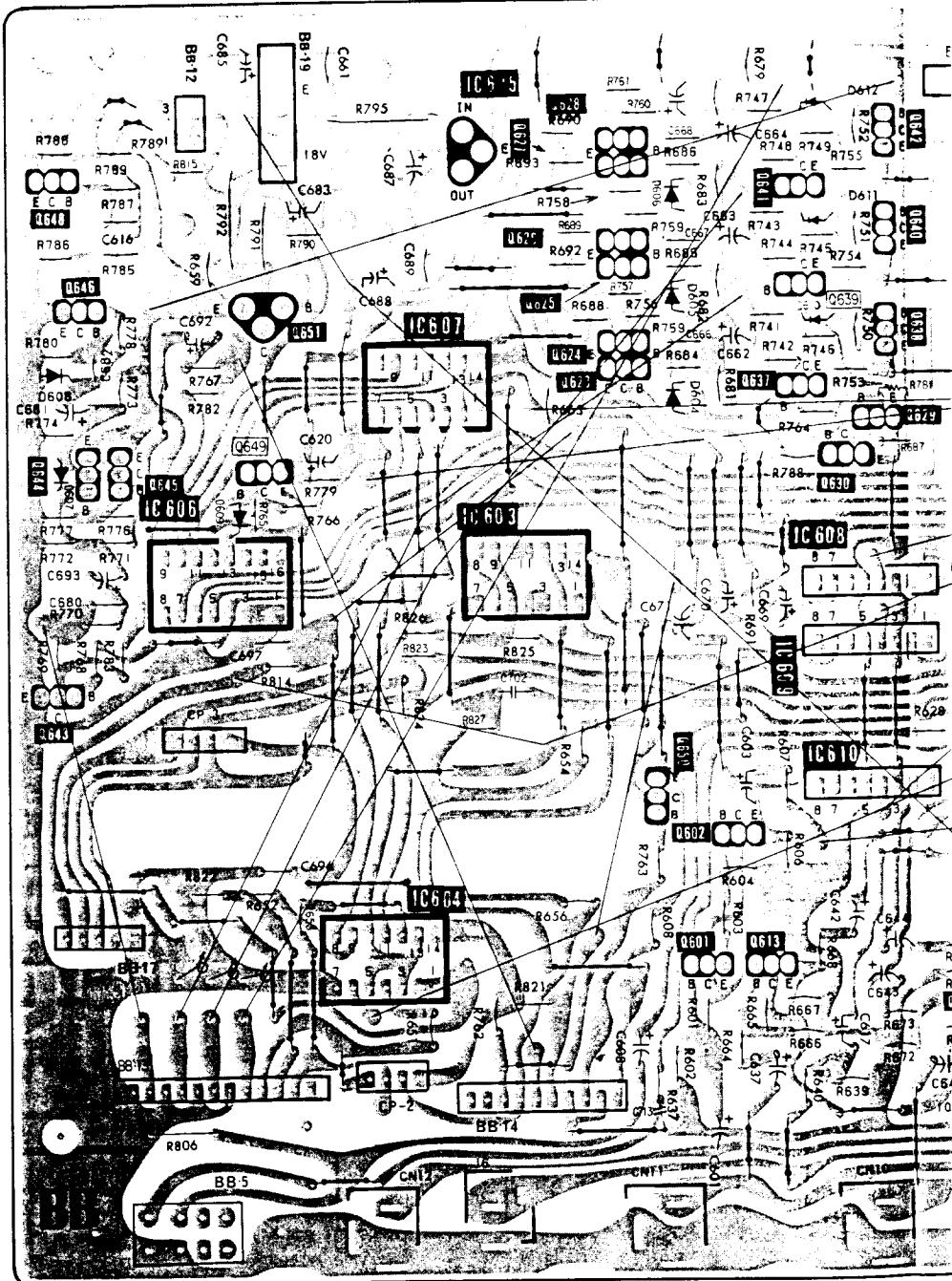
C

D

— BB Board —

Q, IC	646 644 645 643	651 10606 549	IC615 IC607 IC603 IC604	629 627 625 525 624 623 550	642 640 539 538 637 629 630 628 609 608 610
D	608 607	609		605 506 604	62 63 64

ADJ



B

BB

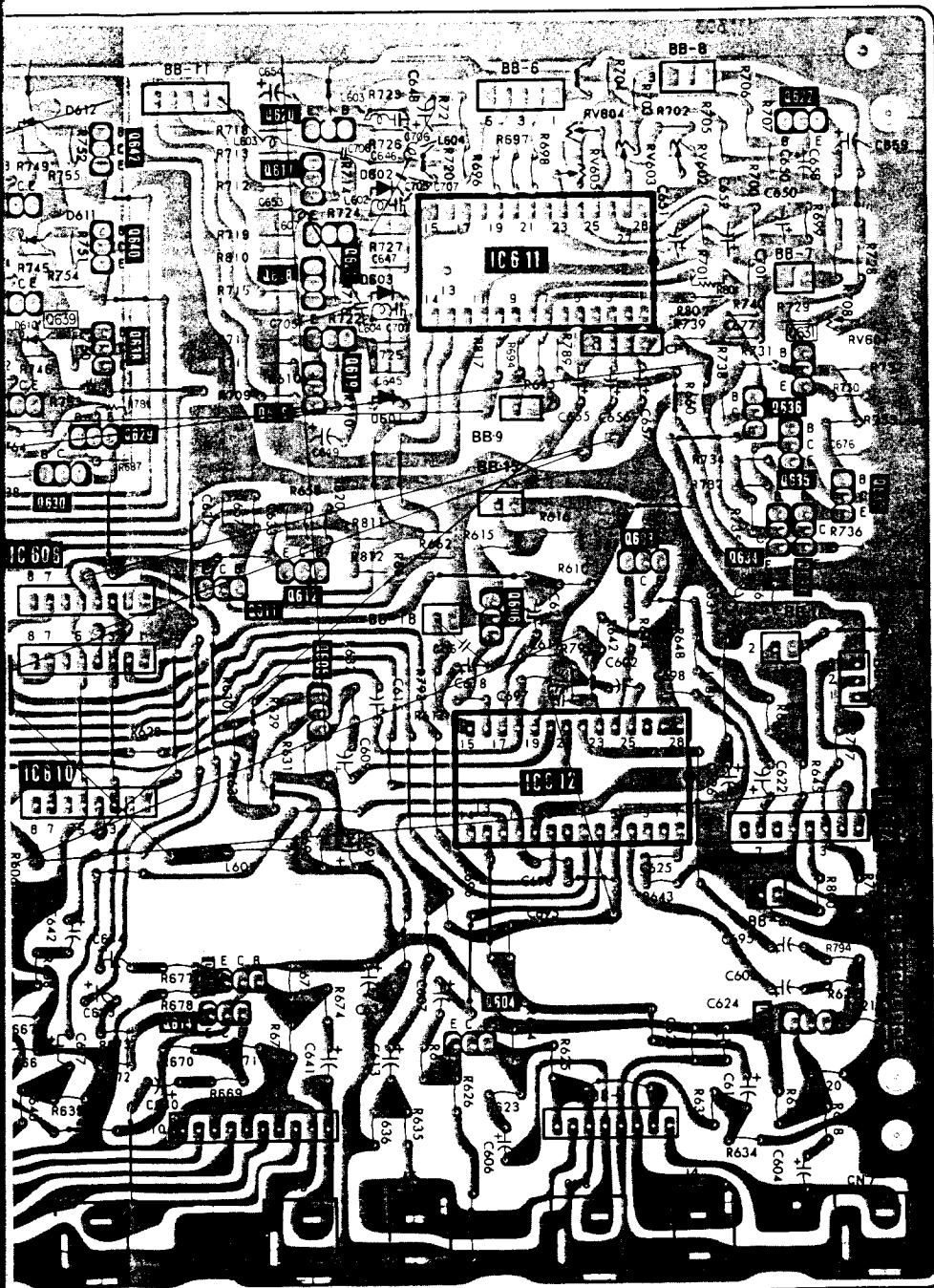
E

F

G

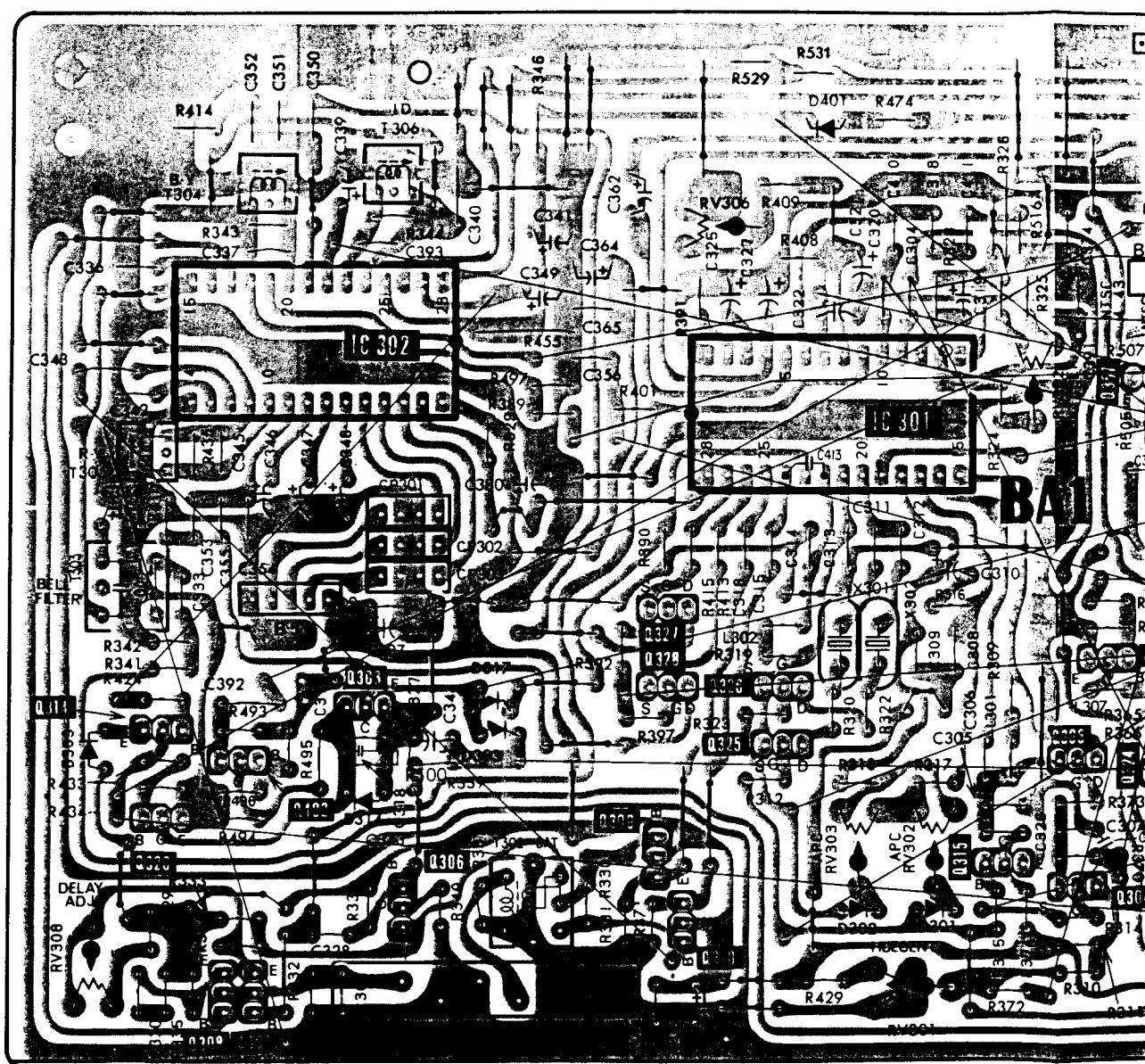
H

641	642	617	520			622		
639	640	618	521					
637	638	616	519	IC611				
630	629	616	519					
IC609	IC608	611	612	605	606	608	636	631
IC610					IC612		634	635
							633,632	
							IC614	
							603	
		614	615					
612	611			604				
610	611						D	
		602	603					
		601	603					
				RV605	RV604	RV603	RV602	RV601
								ADJ



[3.58/4.43 NTSC/PAL/SECAM,
MODE SELECT, Y, CHROMA]**BA1****A****B****C****D****- BA1 Board -**

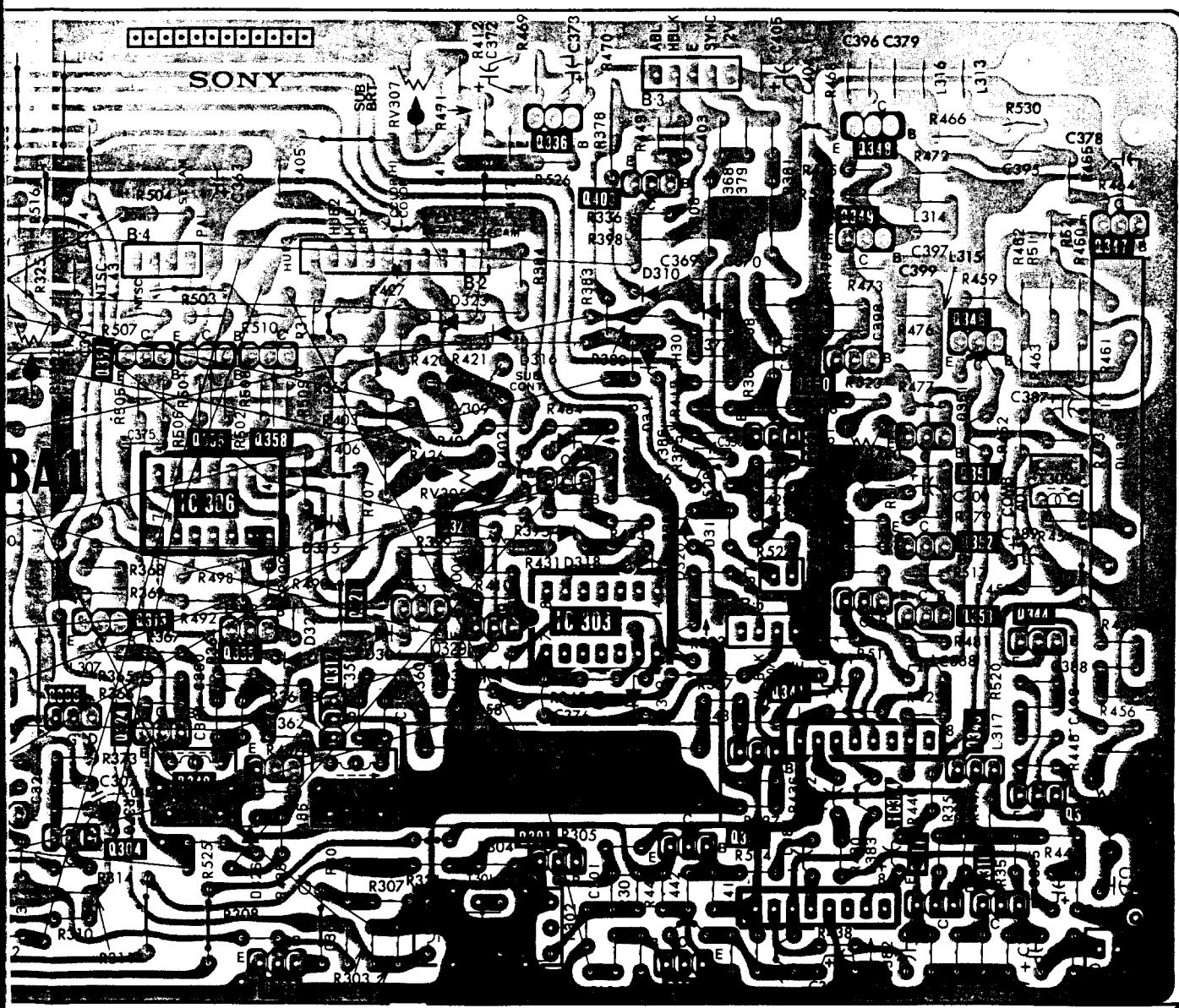
1	Q, IC	314 320	402	IC302 303	306	327 328	326 325	IC301	3
	D	309		314	317 303	309 318	305 313	315	304
	ADJ					401		RV306	RV332
		RV308					RV303	RV301	RV302

**5**

BA1

D | E | F | G | H

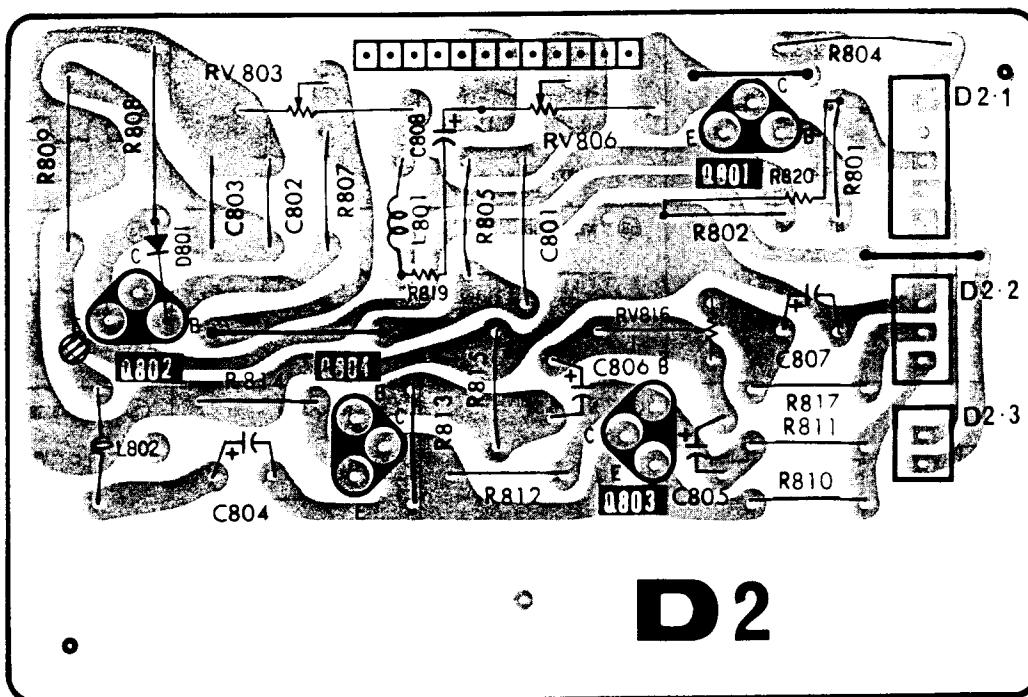
	357	356	IC306	358		336	403		349	348		347	
	305	313	324	355	340	312	321	329	322	IC303		350	
15	304			302				301		323	341	351	346
										342	359	352	353
										1C305		345	344
											311	310	343
													Q, IC
													D
													ADJ
RV332				RV307 RV305		RV309		RV331		RV330			



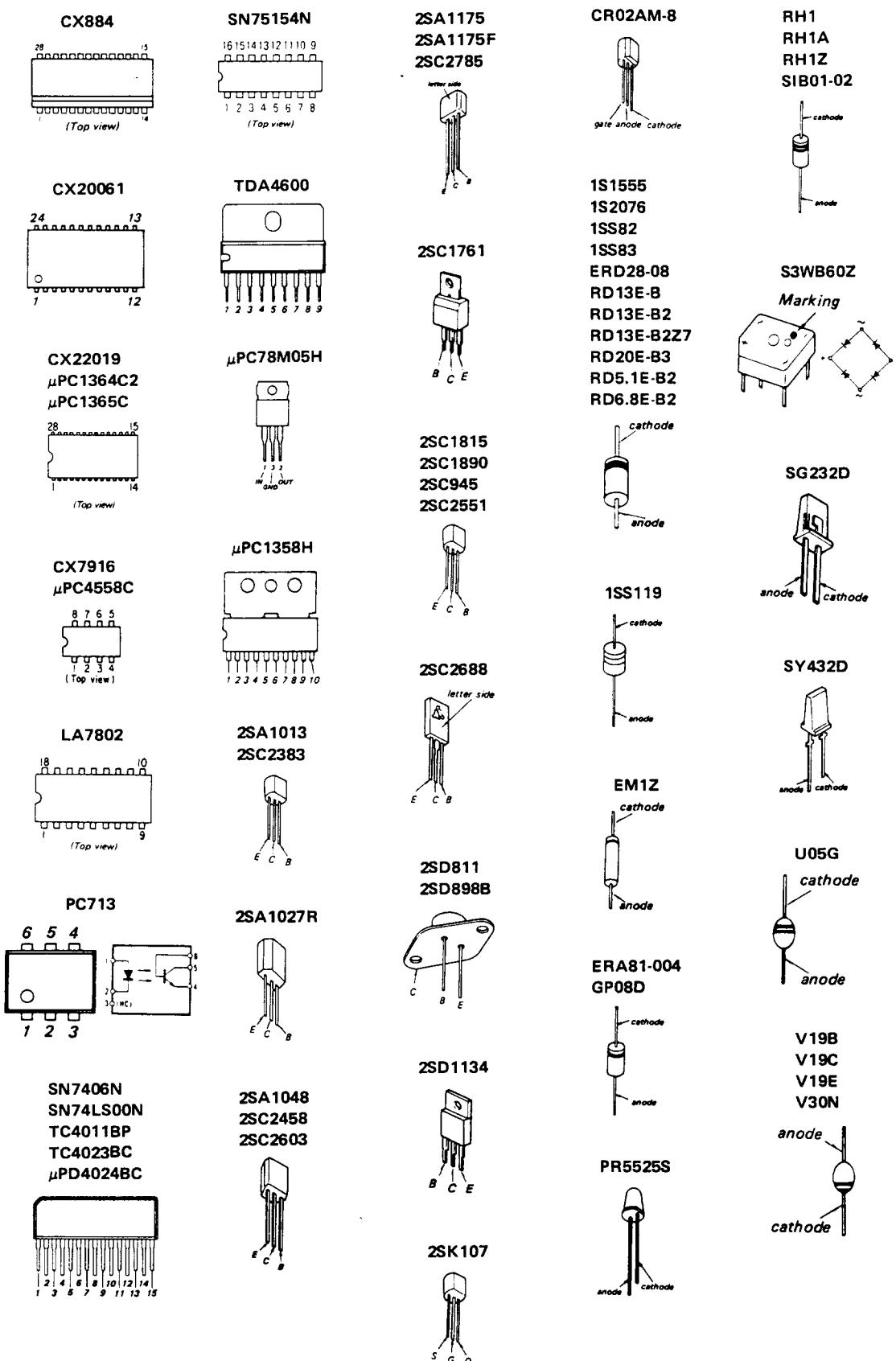
[H/V PULSE AMP]

D2**A****B****C****D**

— D2 Board —

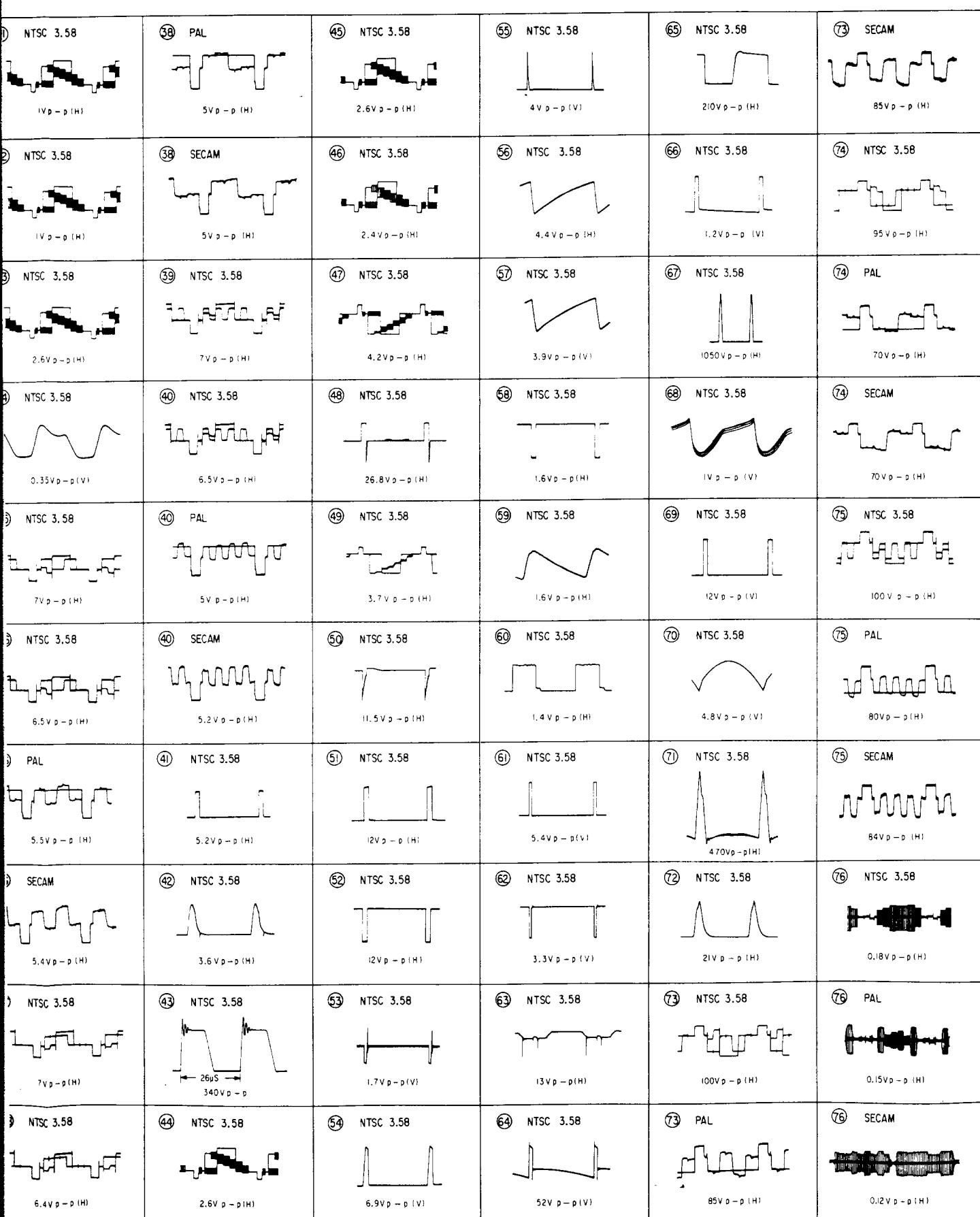
**D2**

3-5. SEMICONDUCTORS



3-6. WAVEFORMS

NTSC 3.58 3.5V p-p (H)	NTSC 3.58 9V p-p (H)	SECAM 0.4V p-p (H)	NTSC 3.58 0.4V p-p (H)	PAL 5.8V p-p (H)	NTSC 3.58 1V p-p (H)
NTSC 3.58 1.6V p-p (H)	NTSC 3.58 0.75V p-p (H)	NTSC 3.58 0.7V p-p (H)	NTSC 3.58 1.4V p-p (H)	SECAM 5.8V p-p (H)	NTSC 3.58 1V p-p (H)
PAL 1.4V p-p (H)	PAL 0.8V p-p (H)	NTSC 3.58 1.2V p-p (H)	NTSC 3.58 2.6V p-p (H)	NTSC 3.58 7V p-p (H)	NTSC 3.58 2.5V p-p (H)
SECAM 1.4V p-p (H)	SECAM 0.8V p-p (H)	PAL 1.8V p-p (H)	NTSC 3.58 0.5V p-p (H)	PAL 5.2V p-p (H)	NTSC 3.58 0.35V p-p (V)
NTSC 3.58 0.8V p-p (H)	NTSC 3.58 0.44V p-p (H)	NTSC 3.58 2V p-p (H)	NTSC 3.58 0.64V p-p (H)	SECAM 5.2V p-p (H)	NTSC 3.58 7V p-p (H)
NTSC 3.58 2.8V p-p (H)	PAL 0.6V p-p (H)	PAL 2.6V p-p (H)	NTSC 3.58 3V p-p (H)	NTSC 3.58 7.2V p-p (H)	NTSC 3.58 6.5V p-p (H)
NTSC 3.58 3.5V p-p (H)	SECAM 0.6V p-p (H)	NTSC 3.58 0.12V p-p (H)	NTSC 3.58 0.18V p-p (H)	PAL 5.4V p-p (H)	PAL 5.5V p-p (H)
NTSC 3.58 4V p-p (H)	NTSC 3.58 7V p-p (H)	PAL 0.5V p-p (H)	PAL 0.24V p-p (H)	SECAM 5.6V p-p (H)	SECAM 5.4V p-p (H)
NTSC 3.58 2.8V p-p (H)	NTSC 3.58 0.2V p-p (H)	NTSC 3.58 0.2V p-p (H)	SECAM 0.12V p-p (H)	NTSC 3.58 0.56V p-p (H)	NTSC 3.58 7V p-p (H)
NTSC 3.58 2.6V p-p (H)	PAL 0.28V p-p (H)	PAL 0.3V p-p (H)	NTSC 3.58 7.2V p-p (H)	NTSC 3.58, SECAM 0.48V p-p (V) 9V p-p (V)	NTSC 3.58 6.4V p-p (H)



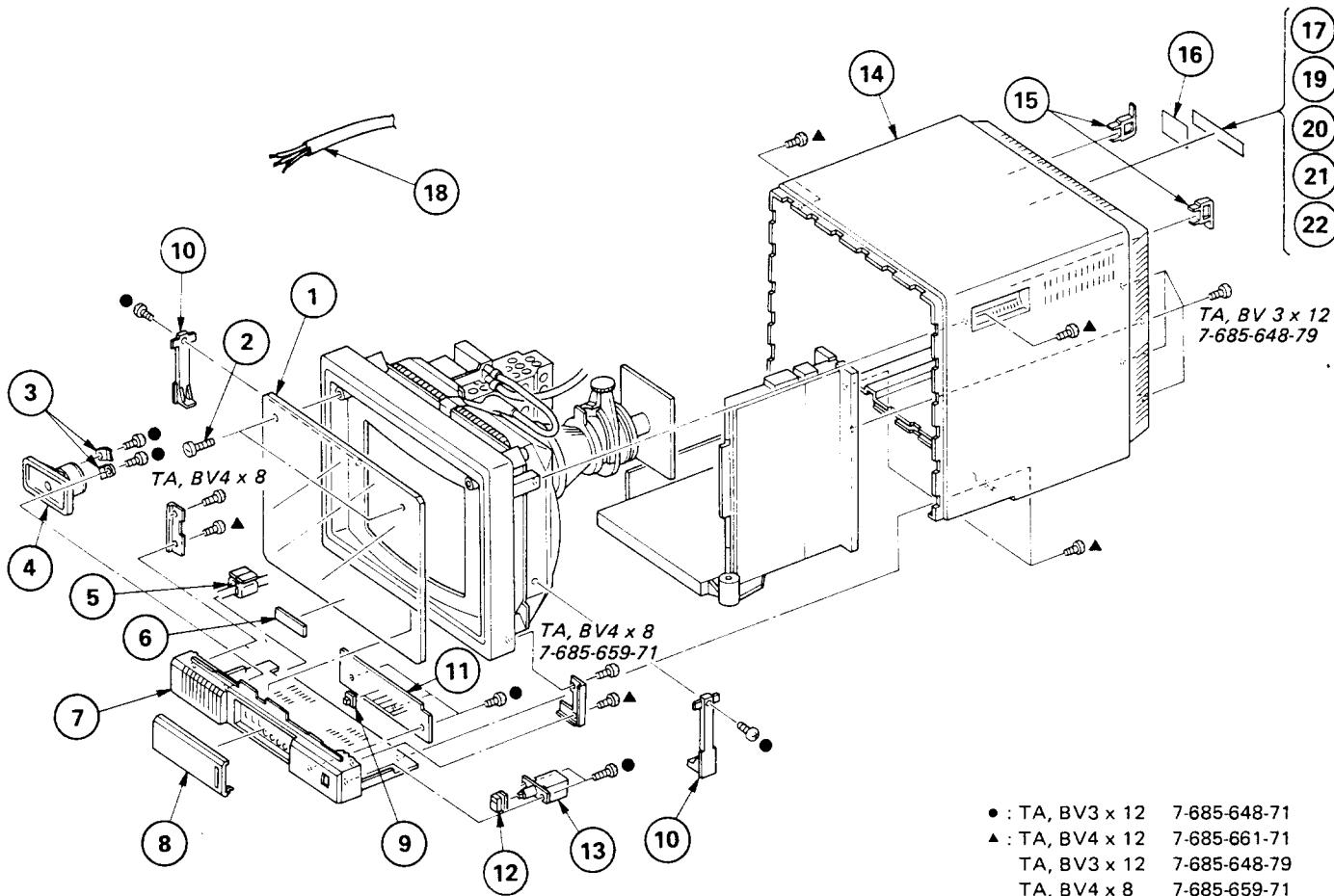
SECTION 4 EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

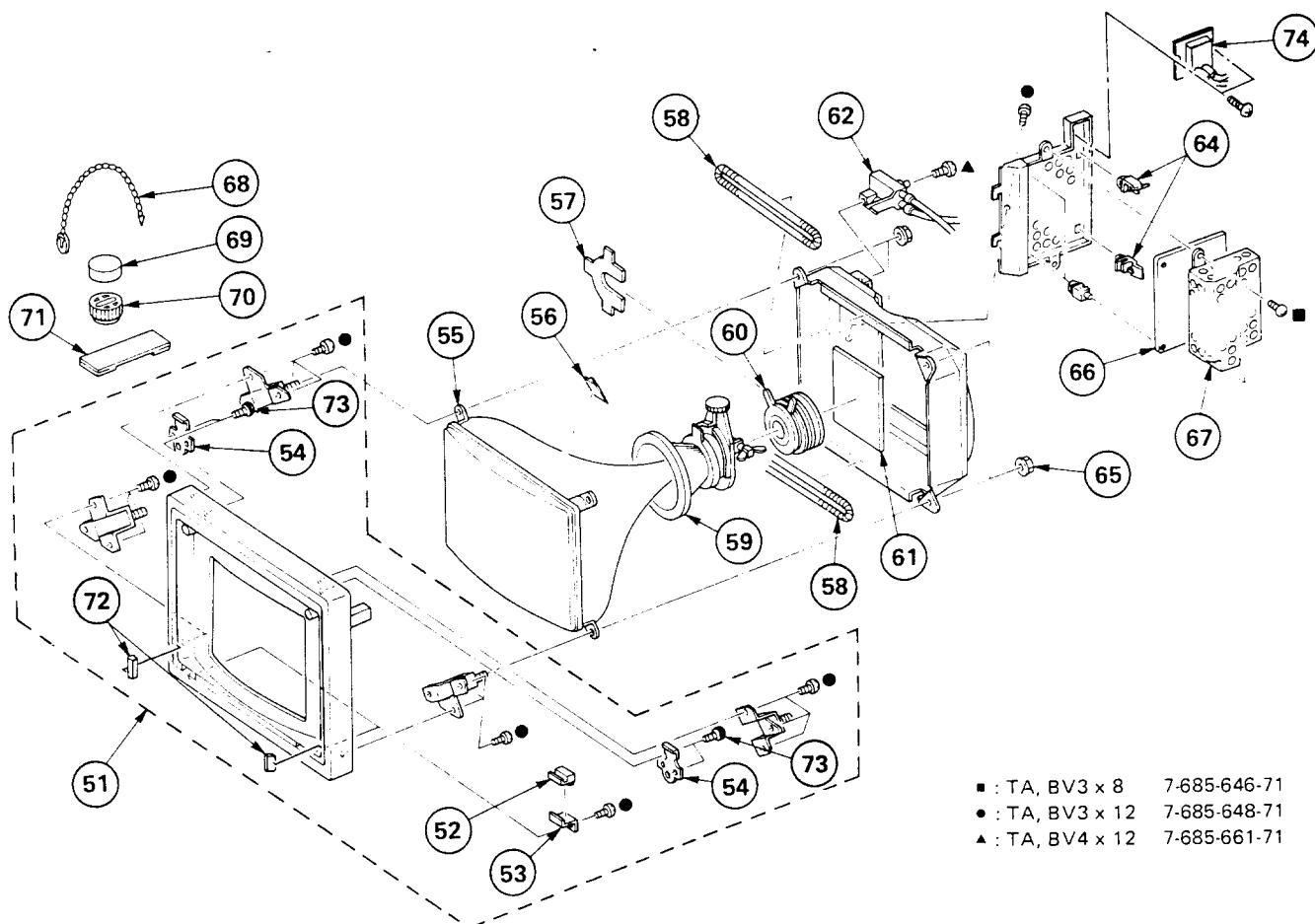
- Items marked "▲" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

4-1. CABINET

No.	Part No	Description	Remark	No.	Part No	Description	Remark
1	4-364-717-00	FILTER		12	4-364-710-00	BUTTON, POWER	
2	4-336-851-51	SCREW, ORNAMENTAL		13	▲1-553-225-12	SWITCH, PUSH	
3	▲:4-321-611-00	CLAW, RETAINING, SPEAKER		14	X-4364-703-0	CABINET ASSY	
4	1-503-109-00	SPEAKER		15	4-316-003-00	HOLDER, CORD	
5	▲:4-364-745-01	BUSHING, AC COARD		16	▲:4-365-406-00	LABEL, MODEL NUMBER	
6	▲:X-3701-079-0	EMBLEM (SMALL) ASSY, SONY		17	▲:3-703-676-00	LABEL, APPROVAL	
7	X-4364-701-2	PANEL ASSY, CONTROL		18	▲1-534-820-12	POWER CORD	
8	X-4364-704-2	DOOR ASSY		19	3-703-269-00	LABEL, SEV	
9	4-349-408-00	PUSH BUTTON		20	4-310-381-00	LABEL, SEMKO	
10	▲:4-364-705-00	BRACKET, FIXED, CRT		21	4-310-380-00	LABEL, DEMKO	
11	▲:1-609-371-00	H BOARD		22	4-310-379-00	LABEL, NEMKO	
			8				15

5-2. BEZEL



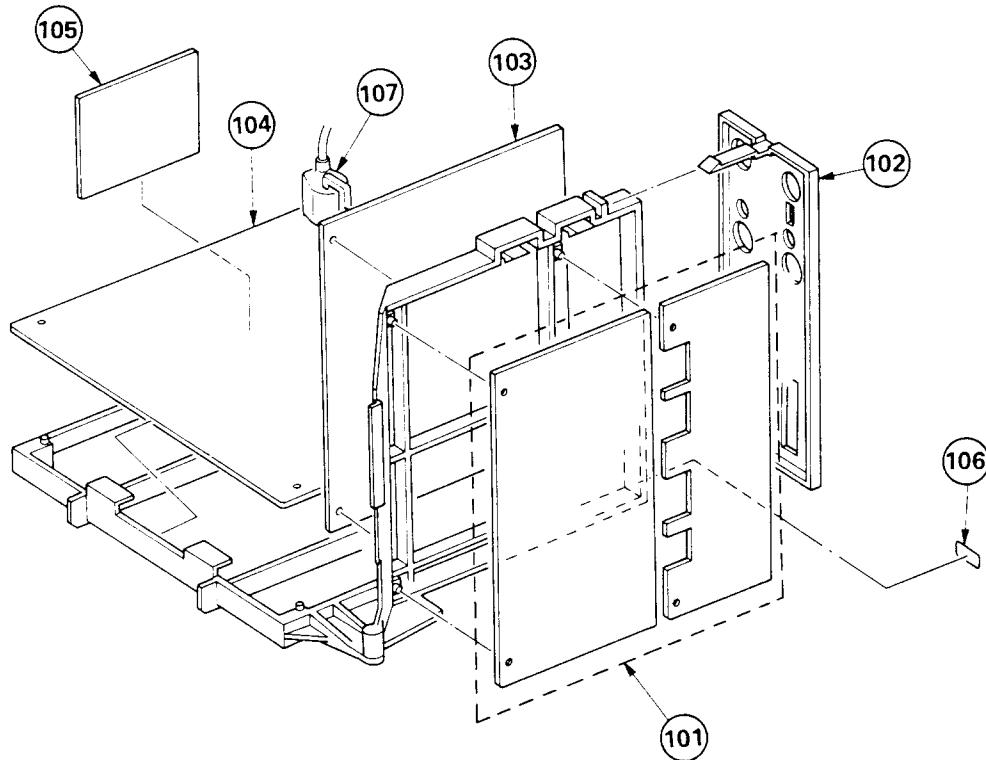
No.	Part No	Description	Remark	No.	Part No	Description	Remark
51	X-4364-702-0	BEZEL ASSY	52, 53, 54, 72, 73	63	▲:4-364-719-00	CASE (A) SHIELD	
52	4-336-808-00	PROTECTOR, FILTER		64	▲:3-703-141-00	HOLDER, PCB	
53	4-364-701-00	HOLDER, FILTER		65	4-306-034-00	FLANGE NUT, (B) 5MM	
54	▲:4-341-905-00	NUT, PLATE (A)		66	▲:A-1245-182-A	F BOARD, COMPLETE	
55	▲:8-738-312-05	CRT (330YB22)		67	4-364-720-00	CASE (B) SHIELD	
56	3-703-003-00	SPACER, DY		68	4-308-870-00	CLIP LEAD WIRE	
57	1-452-146-00	MAGNET, BMC		69	1-452-032-00	MAGNET, DISC:10MM ▲	
58	▲:1-426-086-12	COIL, DEGAUSSING		70	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM ▲	
59	▲:1-451-160-32	DEFLECTION YOKE (SY-97)		71	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
60	▲:1-452-214-12	CRT NECK ASSY (H TYPE)		72	9-911-837-XX	CUSHION (B), FILTER	
61	▲:A-1330-452-A	C BOARD, COMPLETE		73	4-302-428-00	HEAD WASHER, TAPPING SCREW	
62	▲:1-228-482-12	RESISTOR ASSY, HIGH-VOLTAGE		74	▲:1-162-142-21	CAP BLOCK, HIGH VOLTAGE	

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

NOTE:

The components identified by shading and mark ▲ are critical for safety.
Replace only with part number specified.

4-3. CHASSIS



No.	Part No	Description	Remark	No.	Part No	Description	Remark
101	▲:A-1135-199-A	BA BOARD, COMPLETE		105	▲:1-609-701-00	D2 BOARD	
102	4-365-402-00	PANEL (C), CONNECTOR		106	▲:4-337-327-00	LABEL, OPEN	
103	▲:A-1135-200-A	BB BOARD, COMPLETE		107	▲:1-439-308-11	TRANSFORMER ASSY, FRYBACK	
104	▲:A-1345-405-A	D BOARD, COMPLETE					

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

BA

SECTION 5

ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

• Items marked "●" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS RESISTORS COILS
 • MF : μ F, PF : $\mu\mu$ F • All resistors are in ohms • MMH : mH, UH : μ H
 • F : nonflammable

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
	♦:A-1135-199-A	BA BOARD, COMPLETE		C341	1-123-379-00	ELECT	0.47MF
		*****		C342	1-102-129-00	CERAMIC	0.01MF
				C343	1-101-006-00	CERAMIC	0.047MF
	♦:1-560-278-00	PLUG, CONNECTOR 12P		C344	1-123-356-00	ELECT	10MF
	♦:1-562-243-00	CONNECTOR 25P		C345	1-102-892-00	CERAMIC	22PF
	♦:4-603-275-11	LOCK, SCREW		C346	1-123-607-00	ELECT	0.1MF
		<u>CONNECTOR</u>		C347	1-123-607-00	ELECT	0.1MF
BA1	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C348	1-123-607-00	ELECT	0.1MF
BA2	♦:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C349	1-123-381-00	ELECT	2.2MF
BA3	♦:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C350	1-121-257-00	ELECT	4.7MF
BA4	♦:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C351	1-101-361-00	CERAMIC	150PF
BA5	♦:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C352	1-102-971-00	CERAMIC	82PF
BA6	♦:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C353	1-102-971-00	CERAMIC	82PF
BA7	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C354	1-101-361-00	CERAMIC	150PF
BA10	♦:1-560-278-00	PLUG, CONNECTOR 10P		C355	1-121-257-00	ELECT	4.7MF
		<u>CAPACITOR</u>		C356	1-102-129-00	CERAMIC	0.01MF
C301	1-101-361-00	CERAMIC	150PF	C357	1-102-809-00	CERAMIC	7PF
C302	1-101-884-00	CERAMIC	56PF	C358	1-102-809-00	CERAMIC	7PF
C303	1-101-880-00	CERAMIC	47PF	C359	1-101-361-00	CERAMIC	150PF
C304	1-102-129-00	CERAMIC	0.01MF	C360	1-102-809-00	CERAMIC	7PF
C305	1-101-880-00	CERAMIC	47PF	C361	1-102-809-00	CERAMIC	7PF
			5%	C362	1-123-332-00	ELECT	47MF
			50V	C363	1-123-332-00	ELECT	47MF
C306	1-102-944-00	CERAMIC	7PF	C364	1-123-356-00	ELECT	10MF
C307	1-102-129-00	CERAMIC	0.01MF	C365	1-101-006-00	CERAMIC	0.047MF
C308	1-108-385-00	MYLAR	0.047MF	C366	1-123-333-00	ELECT	100MF
C309	1-108-385-00	MYLAR	0.047MF	C367	1-101-006-00	CERAMIC	0.047MF
C310	1-123-381-00	ELECT	2.2MF	C368	1-102-971-00	CERAMIC	82PF
			20%	C369	1-102-824-00	CERAMIC	470PF
			50V	C370	1-101-361-00	CERAMIC	150PF
C311	1-102-852-00	CERAMIC	47PF				5%
C312	1-102-852-00	CERAMIC	0.01MF				50V
C314	1-102-963-00	CERAMIC	33PF				5%
C315	1-102-129-00	CERAMIC	0.01MF				50V
C316	1-102-129-00	CERAMIC	0.01MF				0.047MF
			10%	C371	1-108-377-00	MYLAR	0.01MF
			50V	C372	1-123-379-00	ELECT	0.47MF
C317	1-108-389-00	MYLAR	0.1MF	C373	1-123-382-00	ELECT	3.3MF
C318	1-102-965-00	CERAMIC	39PF	C374	1-108-385-00	MYLAR	0.047MF
C319	1-123-380-00	ELECT	1MF	C375	1-101-006-00	CERAMIC	0.047MF
C320	1-102-129-00	CERAMIC	0.01MF				100V
C321	1-123-380-00	ELECT	1MF				50V
			20%	C376	1-101-006-00	CERAMIC	0.047MF
			50V	C377	1-102-115-00	CERAMIC	560PF
C322	1-123-380-00	ELECT	1MF	C378	1-123-333-00	ELECT	100MF
C325	1-123-328-00	ELECT	4.7MF	C379	1-102-959-00	CERAMIC	22PF
C326	1-102-959-00	CERAMIC	22PF	C380	1-123-356-00	ELECT	10MF
C327	1-123-328-00	ELECT	4.7MF				20%
C328	1-102-129-00	CERAMIC	0.01MF	C381	1-123-332-00	ELECT	47MF
			10%	C382	1-123-380-00	ELECT	1MF
			50V	C383	1-123-380-00	ELECT	1MF
C329	1-102-129-00	CERAMIC	0.01MF	C384	1-123-380-00	ELECT	1MF
C330	1-102-129-00	CERAMIC	0.01MF	C385	1-123-330-00	ELECT	22MF
C331	1-123-332-00	ELECT	47MF				20%
C332	1-123-332-00	ELECT	47MF	C386	1-123-356-00	ELECT	10MF
C333	1-102-679-00	CERAMIC	120PF	C387	1-123-356-00	ELECT	10MF
			5%	C388	1-102-978-00	CERAMIC	220PF
			50V	C389	1-123-356-00	ELECT	10MF
C334	1-123-356-00	ELECT	10MF	C390	1-123-607-00	ELECT	0.1MF
C336	1-102-129-00	CERAMIC	0.01MF				20%
C337	1-102-892-00	CERAMIC	22PF				50V
C338	1-123-332-00	ELECT	47MF	C391	1-123-607-00	ELECT	0.1MF
C339	1-123-380-00	ELECT	1MF				100V
C340	1-108-849-00	MYLAR	0.1MF	C392	1-108-389-00	MYLAR	0.1MF
			10%	C393	1-102-525-00	CERAMIC	68PF
			50V	C394	1-123-356-00	ELECT	10MF
			20%				16V

BA

<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>		<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>
C395	1-102-971-00	CERAMIC	82PF	5%	50V	D612	8-719-100-38	DIODE RD6.2E-B2
C396	1-102-961-00	CERAMIC	27PF	5%	50V	D613	8-719-100-38	DIODE RD6.2E-B2
C397	1-101-888-00	CERAMIC	68PF	5%	50V	D614	8-719-100-38	DIODE RD6.2E-B2
C398	1-102-963-00	CERAMIC	33PF	5%	50V	D615	8-719-100-38	DIODE RD6.2E-B2
C400	1-123-330-00	ELECT	22MF	20%	16V			
								<u>DELAY LINE</u>
C403	1-101-880-00	CERAMIC	47PF	5%	50V	DL301	1-415-122-31	DELAY LINE
C404	1-123-332-00	ELECT	47MF	20%	16V	DL302	1-415-188-00	DELAY LINE
C405	1-102-129-00	CERAMIC	0.01MF	10%	50V	DL303	1-415-207-21	DELAY LINE (1H)
C406	1-102-129-00	CERAMIC	0.01MF	10%	50V			
C407	1-123-356-00	ELECT	10MF	20%	16V			
								<u>IC</u>
C408	1-102-973-00	CERAMIC	100PF	5%	50V	IC301	8-759-113-65	IC UPC1365C
C409	1-102-973-00	CERAMIC	100PF	5%	50V	IC302	8-759-100-15	IC UPC1364C2
C411	1-102-946-00	CERAMIC	9PF	0.5PF	50V	IC303	8-759-140-24	IC UPD4024BC
C412	1-102-129-00	CERAMIC	47PF	5%	50V	IC304	8-750-000-74	IC CX20061
C413	1-102-934-00	CERAMIC	1PF	0.25PF	50V	IC305	8-750-000-74	IC CX20061
C414	1-101-004-00	CERAMIC	0.01MF		50V	IC306	8-759-240-23	IC TC4023BP
C415	1-101-004-00	CERAMIC	0.01MF		50V			
C416	1-101-888-00	CERAMIC	68PF	5%	50V			
C418	1-102-961-00	CERAMIC	27PF	5%	50V			
C419	1-102-973-00	CERAMIC	100PF	5%	50V			
								<u>COIL</u>
						L301	1-408-416-00	MICRO INDUCTOR 39UH
						L302	1-408-406-00	MICRO INDUCTOR 5.6UH
						L304	1-408-408-00	MICRO INDUCTOR 8.2UH
CN1	1-536-783-00	TERMINAL BOARD, INPUT/OUTPUT				L308	1-408-247-00	MICRO INDUCTOR 33MMH
						L309	1-408-163-00	MICRO INDUCTOR 5.6MMH
						L311	1-408-445-11	MICRO INDUCTOR 18UH
						L312	1-408-444-11	MICRO INDUCTOR 15UH
						L313	1-408-446-11	MICRO INDUCTOR 22UH
						L314	1-408-442-11	MICRO INDUCTOR 10UH
						L316	1-408-447-11	MICRO INDUCTOR 27UH
						L317	1-408-445-11	MICRO INDUCTOR 18UH
						L318	1-408-445-11	MICRO INDUCTOR 18UH
						L320	1-408-407-00	MICRO INDUCTOR 6.8UH
								<u>TRANSISTOR</u>
						Q301	8-729-178-54	TRANSISTOR 2SC2785
						Q302	8-729-178-54	TRANSISTOR 2SC2785
						Q303	8-729-178-54	TRANSISTOR 2SC2785
						Q304	8-769-200-20	TRANSISTOR 2SK107-2
						Q305	8-769-200-20	TRANSISTOR 2SK107-2
						Q306	8-729-117-54	TRANSISTOR 2SA1175
						Q307	8-729-117-54	TRANSISTOR 2SA1175
						Q308	8-729-117-54	TRANSISTOR 2SA1175
						Q309	8-729-178-54	TRANSISTOR 2SC2785
						Q310	8-729-178-54	TRANSISTOR 2SC2785
						Q311	8-729-178-54	TRANSISTOR 2SC2785
						Q312	8-729-117-54	TRANSISTOR 2SA1175
						Q313	8-729-178-54	TRANSISTOR 2SC2785
						Q314	8-729-117-54	TRANSISTOR 2SA1175
						Q315	8-729-178-54	TRANSISTOR 2SC2785
						Q318	8-729-178-54	TRANSISTOR 2SC2785
						Q320	8-729-178-54	TRANSISTOR 2SC2785
						Q321	8-729-117-54	TRANSISTOR 2SA1175
						Q322	8-729-178-54	TRANSISTOR 2SC2785

BA

<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Rem</u>
Q323	8-729-117-54	TRANSISTOR 2SA1175		R321	1-247-879-00	CARBON	100K 5% 1/6W
Q324	8-729-178-54	TRANSISTOR 2SC2785		R322	1-247-827-00	CARBON	680 5% 1/6W
Q325	8-769-200-20	TRANSISTOR 2SK107-2		R323	1-247-903-00	CARBON	1M 5% 1/6W
Q326	8-769-200-20	TRANSISTOR 2SK107-2		R324	1-247-887-00	CARBON	220K 5% 1/6W
Q327	8-769-200-20	TRANSISTOR 2SK107-2		R325	1-247-847-00	CARBON	4.7K 5% 1/6W
Q328	8-769-200-20	TRANSISTOR 2SK107-2		R326	1-247-835-00	CARBON	1.5K 5% 1/6W
Q329	8-729-178-54	TRANSISTOR 2SC2785		R327	1-247-833-00	CARBON	1.2K 5% 1/6W
Q336	8-729-178-54	TRANSISTOR 2SC2785		R328	1-247-877-00	CARBON	82K 5% 1/6W
Q340	8-729-178-54	TRANSISTOR 2SC2785		R329	1-247-845-00	CARBON	3.9K 5% 1/6W
Q341	8-729-178-54	TRANSISTOR 2SC2785		R330	1-247-849-00	CARBON	5.6K 5% 1/6W
Q342	8-729-178-54	TRANSISTOR 2SC2785		R331	1-247-847-00	CARBON	4.7K 5% 1/6W
Q343	8-729-178-54	TRANSISTOR 2SC2785		R332	1-247-821-00	CARBON	390 5% 1/6W
Q344	8-729-178-54	TRANSISTOR 2SC2785		R333	1-247-815-00	CARBON	220 5% 1/6W
Q345	8-729-178-54	TRANSISTOR 2SC2785		R334	1-247-815-00	CARBON	220 5% 1/6W
Q346	8-729-178-54	TRANSISTOR 2SC2785		R335	1-247-823-00	CARBON	470 5% 1/6W
Q347	8-729-178-54	TRANSISTOR 2SC2785		R336	1-247-871-00	CARBON	47K 5% 1/6W
Q348	8-729-178-54	TRANSISTOR 2SC2785		R337	1-247-827-00	CARBON	680 5% 1/6W
Q349	8-729-117-54	TRANSISTOR 2SA1175		R338	1-247-867-00	CARBON	33K 5% 1/6W
Q350	8-729-178-54	TRANSISTOR 2SC2785		R339	1-247-871-00	CARBON	47K 5% 1/6W
Q351	8-729-178-54	TRANSISTOR 2SC2785		R340	1-247-815-00	CARBON	220 5% 1/6W
Q352	8-729-178-54	TRANSISTOR 2SC2785		R341	1-247-827-00	CARBON	680 5% 1/6W
Q353	8-729-117-54	TRANSISTOR 2SA1175		R342	1-247-813-00	CARBON	180 5% 1/6W
Q354	8-729-178-54	TRANSISTOR 2SC2785		R343	1-247-843-00	CARBON	3.3K 5% 1/6W
Q355	8-729-117-54	TRANSISTOR 2SA1175		R344	1-247-853-00	CARBON	8.2K 5% 1/6W
Q356	8-729-117-54	TRANSISTOR 2SA1175		R345	1-247-855-00	CARBON	10K 5% 1/6W
Q357	8-729-117-54	TRANSISTOR 2SA1175		R346	1-247-879-00	CARBON	100K 5% 1/6W
Q358	8-729-117-54	TRANSISTOR 2SA1175		R351	1-247-807-00	CARBON	100 5% 1/6W
Q359	8-729-178-54	TRANSISTOR 2SC2785		R352	1-247-825-00	CARBON	560 5% 1/6W
Q360	8-729-178-54	TRANSISTOR 2SC2785		R353	1-247-869-00	CARBON	39K 5% 1/6W
Q402	8-729-117-54	TRANSISTOR 2SA1175		R354	1-247-819-00	CARBON	330 5% 1/6W
Q403	8-729-178-54	TRANSISTOR 2SC2785		R356	1-247-831-00	CARBON	1K 5% 1/6W
<u>RESISTOR</u>							
R301	1-247-835-00	CARBON	1.5K 5% 1/6W	R360	1-247-823-00	CARBON	470 5% 1/6W
R302	1-247-835-00	CARBON	1.5K 5% 1/6W	R361	1-247-831-00	CARBON	1K 5% 1/6W
R303	1-247-845-00	CARBON	3.9K 5% 1/6W	R362	1-247-843-00	CARBON	3.3K 5% 1/6W
R304	1-247-859-00	CARBON	15K 5% 1/6W	R364	1-247-823-00	CARBON	470 5% 1/6W
R305	1-247-867-00	CARBON	33K 5% 1/6W	R365	1-247-875-00	CARBON	68K 5% 1/6W
R306	1-247-879-00	CARBON	100K 5% 1/6W	R366	1-247-863-00	CARBON	22K 5% 1/6W
R307	1-247-859-00	CARBON	15K 5% 1/6W	R367	1-247-867-00	CARBON	33K 5% 1/6W
R308	1-247-867-00	CARBON	33K 5% 1/6W	R368	1-247-855-00	CARBON	10K 5% 1/6W
R309	1-247-823-00	CARBON	470 5% 1/6W	R369	1-247-871-00	CARBON	47K 5% 1/6W
R310	1-247-839-00	CARBON	2.2K 5% 1/6W	R370	1-247-875-00	CARBON	68K 5% 1/6W
R311	1-247-845-00	CARBON	3.9K 5% 1/6W	R371	1-247-847-00	CARBON	4.7K 5% 1/6W
R312	1-247-903-00	CARBON	1M 5% 1/6W	R372	1-247-867-00	CARBON	33K 5% 1/6W
R313	1-247-875-00	CARBON	68K 5% 1/6W	R373	1-247-867-00	CARBON	33K 5% 1/6W
R314	1-247-903-00	CARBON	1M 5% 1/6W	R374	1-247-867-00	CARBON	33K 5% 1/6W
R315	1-247-807-00	CARBON	100 5% 1/6W	R375	1-247-871-00	CARBON	47K 5% 1/6W
R316	1-247-839-00	CARBON	2.2K 5% 1/6W	R377	1-247-829-00	CARBON	820 5% 1/6W
R317	1-247-865-00	CARBON	27K 5% 1/6W	R378	1-246-996-00	CARBON	2.2K 5% 1/8W F
R318	1-247-865-00	CARBON	27K 5% 1/6W	R379	1-247-853-00	CARBON	8.2K 5% 1/6W
R319	1-247-831-00	CARBON	1K 5% 1/6W	R380	1-247-837-00	CARBON	1.8K 5% 1/6W

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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>
R381	1-247-843-00	CARBON	3.3K 5% 1/6W	R441	1-247-875-00	CARBON	68K 5% 1/6W
R382	1-247-843-00	CARBON	3.3K 5% 1/6W	R442	1-247-873-00	CARBON	56K 5% 1/6W
R383	1-247-847-00	CARBON	4.7K 5% 1/6W	R443	1-247-839-00	CARBON	2.2K 5% 1/6W
R384	1-247-879-00	CARBON	100K 5% 1/6W	R444	1-247-839-00	CARBON	2.2K 5% 1/6W
R385	1-247-855-00	CARBON	10K 5% 1/6W	R445	1-247-863-00	CARBON	22K 5% 1/6W
R386	1-247-885-00	CARBON	180K 5% 1/6W	R446	1-247-857-00	CARBON	12K 5% 1/6W
R387	1-247-849-00	CARBON	5.6K 5% 1/6W	R447	1-247-823-00	CARBON	470 5% 1/6W
R388	1-247-859-00	CARBON	15K 5% 1/6W	R448	1-247-823-00	CARBON	470 5% 1/6W
R389	1-247-859-00	CARBON	15K 5% 1/6W	R449	1-247-871-00	CARBON	47K 5% 1/6W
R390	1-247-879-00	CARBON	100K 5% 1/6W	R451	1-247-839-00	CARBON	2.2K 5% 1/6W
R391	1-247-847-00	CARBON	4.7K 5% 1/6W	R452	1-247-827-00	CARBON	680 5% 1/6W
R392	1-247-879-00	CARBON	100K 5% 1/6W	R453	1-247-815-00	CARBON	220 5% 1/6W
R393	1-247-879-00	CARBON	100K 5% 1/6W	R454	1-247-827-00	CARBON	680 5% 1/6W
R394	1-247-875-00	CARBON	68K 5% 1/6W	R455	1-202-463-00	SOLID	2.2M 5% 1/4W
R395	1-247-855-00	CARBON	10K 5% 1/6W	R456	1-247-803-00	CARBON	68 5% 1/6W
R396	1-247-855-00	CARBON	10K 5% 1/6W	R457	1-247-815-00	CARBON	220 5% 1/6W
R397	1-247-879-00	CARBON	100K 5% 1/6W	R458	1-247-817-00	CARBON	270 5% 1/6W
R398	1-247-859-00	CARBON	15K 5% 1/6W	R459	1-247-831-00	CARBON	1K 5% 1/6W
R400	1-247-877-00	CARBON	82K 5% 1/6W	R460	1-247-827-00	CARBON	680 5% 1/6W
R401	1-247-873-00	CARBON	56K 5% 1/6W	R461	1-247-827-00	CARBON	680 5% 1/6W
R402	1-247-883-00	CARBON	150K 5% 1/6W	R462	1-247-827-00	CARBON	680 5% 1/6W
R403	1-247-867-00	CARBON	33K 5% 1/6W	R463	1-247-827-00	CARBON	680 5% 1/6W
R404	1-247-869-00	CARBON	39K 5% 1/6W	R464	1-247-831-00	CARBON	1K 5% 1/6W
R405	1-247-891-00	CARBON	330K 5% 1/6W	R465	1-247-823-00	CARBON	470 5% 1/6W
R406	1-247-870-00	CARBON	43K 5% 1/6W	R466	1-247-835-00	CARBON	1.5K 5% 1/6W
R407	1-247-867-00	CARBON	33K 5% 1/6W	R468	1-247-827-00	CARBON	680 5% 1/6W
R408	1-247-855-00	CARBON	10K 5% 1/6W	R469	1-247-855-00	CARBON	10K 5% 1/6W
R409	1-247-849-00	CARBON	5.5K 5% 1/6W	R470	1-247-863-00	CARBON	22K 5% 1/6W
R410	1-247-867-00	CARBON	33K 5% 1/6W	R471	1-247-857-00	CARBON	12K 5% 1/6W
R411	1-247-854-00	CARBON	9.1K 5% 1/6W	R472	1-247-827-00	CARBON	680 5% 1/6W
R412	1-246-505-00	CARBON	22K 5% 1/4W	R473	1-247-837-00	CARBON	1.8K 5% 1/6W
R413	1-247-815-00	CARBON	220 5% 1/6W	R474	1-247-875-00	CARBON	68K 5% 1/6W
R414	1-247-853-00	CARBON	8.2K 5% 1/6W	R475	1-247-823-00	CARBON	470 5% 1/6W
R415	1-247-815-00	CARBON	220 5% 1/6W	R477	1-247-831-00	CARBON	1K 5% 1/6W
R416	1-247-853-00	CARBON	8.2K 5% 1/6W	R478	1-247-819-00	CARBON	330 5% 1/6W
R417	1-247-879-00	CARBON	100K 5% 1/6W	R479	1-247-867-00	CARBON	33K 5% 1/6W
R418	1-247-903-00	CARBON	1M 5% 1/6W	R480	1-247-852-00	CARBON	7.5K 5% 1/6W
R419	1-247-837-00	CARBON	1.8K 5% 1/6W	R481	1-247-829-00	CARBON	820 5% 1/6W
R420	1-247-835-00	CARBON	1.5K 5% 1/6W	R482	1-247-831-00	CARBON	1K 5% 1/6W
R424	1-247-855-00	CARBON	10K 5% 1/6W	R483	1-247-815-00	CARBON	220 5% 1/6W
R425	1-247-807-00	CARBON	100 5% 1/6W	R484	1-247-863-00	CARBON	22K 5% 1/6W
R426	1-247-876-00	CARBON	75K 5% 1/6W	R485	1-247-863-00	CARBON	22K 5% 1/6W
R428	1-247-825-00	CARBON	560 5% 1/6W	R486	1-247-863-00	CARBON	22K 5% 1/6W
R429	1-247-859-00	CARBON	15K 5% 1/6W	R487	1-247-867-00	CARBON	33K 5% 1/6W
R430	1-247-807-00	CARBON	100 5% 1/6W	R490	1-247-875-00	CARBON	68K 5% 1/6W
R431	1-247-875-00	CARBON	68K 5% 1/6W	R492	1-247-879-00	CARBON	100K 5% 1/6W
R433	1-247-875-00	CARBON	68K 5% 1/6W	R493	1-247-831-00	CARBON	1K 5% 1/6W
R434	1-247-867-00	CARBON	33K 5% 1/6W	R494	1-247-843-00	CARBON	3.3K 5% 1/6W
R435	1-247-839-00	CARBON	2.2K 5% 1/6W	R495	1-247-855-00	CARBON	10K 5% 1/6W
R436	1-247-875-00	CARBON	68K 5% 1/6W	R496	1-247-871-00	CARBON	47K 5% 1/6W
R437	1-247-873-00	CARBON	56K 5% 1/6W	R497	1-247-855-00	CARBON	10K 5% 1/6W
R438	1-247-838-00	CARBON	2K 5% 1/6W	R498	1-247-855-00	CARBON	10K 5% 1/6W
R440	1-247-807-00	CARBON	100 5% 1/6W	R499	1-247-855-00	CARBON	10K 5% 1/6W

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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>
R500	1-247-807-00	CARBON	100 5% 1/6W				<u>SWITCH</u>
R501	1-247-875-00	CARBON	68K 5% 1/6W		S1	1-553-725-00	SWITCH, SLIDE
R502	1-247-855-00	CARBON	10K 5% 1/6W		S2	1-553-725-00	SWITCH, SLIDE
R503	1-247-831-00	CARBON	1K 5% 1/6W		S3	1-553-725-00	SWITCH, SLIDE
R504	1-247-831-00	CARBON	1K 5% 1/6W		S4	1-553-725-00	SWITCH, SLIDE
R505	1-247-875-00	CARBON	68K 5% 1/6W		S5	1-553-725-00	SWITCH, SLIDE
R506	1-247-855-00	CARBON	10K 5% 1/6W				
R507	1-247-831-00	CARBON	1K 5% 1/6W		S6	1-553-725-00	SWITCH, SLIDE
R508	1-247-875-00	CARBON	68K 5% 1/6W				
R509	1-247-855-00	CARBON	10K 5% 1/6W				<u>TRANSFORMER</u>
R510	1-247-831-00	CARBON	1K 5% 1/6W		T301	1-425-786-00	TRANSFORMER, BANDPASS(BPT)
R511	1-247-807-00	CARBON	100 5% 1/6W		T302	1-404-081-00	TRANSFOMER, DELAY ADJUST
R512	1-247-875-00	CARBON	68K 5% 1/6W		T303	1-404-146-00	TRANSFORMER
R513	1-247-863-00	CARBON	22K 5% 1/6W		T304	1-408-532-00	COIL, VARIABLE
R514	1-247-863-00	CARBON	22K 5% 1/6W		T305	1-408-532-00	COIL, VARIABLE
R515	1-247-863-00	CARBON	22K 5% 1/6W		T306	1-408-513-00	COIL (VARIABLE)
R516	1-247-813-00	CARBON	180 5% 1/6W		T307	1-409-193-00	COIL 3.58MHZ TRAP
R517	1-247-831-00	CARBON	1K 5% 1/6W		T308	1-409-193-00	COIL 3.58MHZ TRAP
R518	1-247-823-00	CARBON	470 5% 1/6W		T309	1-408-513-00	COIL (VARIABLE)
R519	1-247-843-00	CARBON	3.3K 5% 1/6W				<u>THERMISTOR</u>
R520	1-247-835-00	CARBON	1.5K 5% 1/6W		TH301	1-800-626-00	THERMISTOR
R521	1-247-807-00	CARBON	100 5% 1/6W		TH302	1-800-944-00	THERMISTOR TH-4700
R523	1-247-831-00	CARBON	1K 5% 1/6W				<u>CRYSTAL</u>
R524	1-247-807-00	CARBON	100 5% 1/6W		X301	1-527-396-00	CRYSTAL, OSC
R525	1-247-869-00	CARBON	39K 5% 1/6W		X302	1-527-345-00	CRYSTAL, OSC
R528	1-247-843-00	CARBON	3.3K 5% 1/6W				*****
R530	1-247-814-00	CARBON	200 5% 1/6W				♦:A-1135-200-A BB BOARD, COMPLETE
R534	1-247-826-00	CARBON	620 5% 1/6W				*****
R535	1-247-878-00	CARBON	91K 5% 1/6W				
R536	1-247-882-00	CARBON	130K 5% 1/6W				1-536-781-00 TERMINAL BOARD, INPUT/PUTPUT
R537	1-247-865-00	CARBON	27K 5% 1/6W				♦:4-323-833-00 HEAT SINK, PIN OUT
R538	1-247-872-00	CARBON	51K 5% 1/6W				
R539	1-247-829-00	CARBON	820 5% 1/6W				
R540	1-247-855-00	CARBON	10K 5% 1/6W				
R541	1-247-827-00	CARBON	680 5% 1/6W				
R542	1-247-831-00	CARBON	1K 5% 1/6W				<u>CONNECTOR</u>
R543	1-247-838-00	CARBON	2K 5% 1/6W		BB1	♦:1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)
R545	1-247-883-00	CARBON	150K 5% 1/6W		BB2	♦:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P
R573	1-246-480-00	CARBON	2K 5% 1/4W		BB3	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
R841	1-247-870-00	CARBON	43K 5% 1/6W		BB4	♦:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
R842	1-247-879-00	CARBON	100K 5% 1/6W		BB6	♦:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P
					BB7	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
RV301	1-226-849-00	RES, ADJ, CARBON	3.3K		BB8	♦:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
RV302	1-226-852-00	RES, ADJ, CARBON	22K		BB9	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
RV303	1-226-852-00	RES, ADJ, CARBON	22K		BB11	♦:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P
RV305	1-226-853-00	RES, ADJ, CARBON	47K		BB12	♦:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P
RV306	1-226-850-00	RES, ADJ, CARBON	4.7K		BB13	♦:1-560-156-00	PLUG, CONNECTOR (2.5MM PITCH)
RV307	1-226-850-00	RES, ADJ, CARBON	4.7K		BB14	♦:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P
RV308	1-226-846-00	RES, ADJ, CARBON	470		BB15	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
RV309	1-226-851-00	RES, ADJ, CARBON	10K		BB16	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
RV330	1-226-845-00	RES, ADJ, CARBON	330		BB17	♦:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P
RV331	1-226-847-00	RES, ADJ, CARBON	1K		BB18	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
RV332	1-226-849-00	RES, ADJ, CARBON	3.3K		BB19	♦:1-508-765-00	3P PLUG (M)

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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>			<u>Remark</u>						
CAPACITOR																	
C601	1-123-328-00	ELECT	4.7MF	20%	25V	C666	1-102-980-00	CERAMIC	270PF	5%	50V						
C602	1-123-356-00	ELECT	10MF	20%	25V	C667	1-102-980-00	CERAMIC	270PF	5%	50V						
C603	1-123-331-00	ELECT	33MF	20%	25V	C668	1-102-980-00	CERAMIC	270PF	5%	50V						
C604	1-123-356-00	ELECT	10MF	20%	25V	C669	1-123-356-00	ELECT	10MF	20%	25V						
C605	1-123-332-00	ELECT	47MF	20%	25V	C670	1-123-356-00	ELECT	10MF	20%	25V						
C606	1-123-356-00	ELECT	10MF	20%	25V	C671	1-123-356-00	ELECT	10MF	20%	25V						
C607	1-123-332-00	ELECT	47MF	20%	25V	C672	1-102-129-00	CERAMIC	0.01MF	10%	50V						
C608	1-123-356-00	ELECT	10MF	20%	25V	C676	1-101-006-00	CERAMIC	0.047MF		50V						
C609	1-123-332-00	ELECT	47MF	20%	25V	C677	1-102-129-00	CERAMIC	0.01MF	10%	50V						
C611	1-123-380-00	ELECT	1MF	20%	50V	C680	1-102-980-00	CERAMIC	270PF	5%	50V						
C613	1-123-380-00	ELECT	1MF	20%	50V	C681	1-123-356-00	ELECT	10MF	20%	25V						
C615	1-123-380-00	ELECT	1MF	20%	50V	C682	1-102-980-00	CERAMIC	270PF	5%	50V						
C617	1-123-380-00	ELECT	1MF	20%	50V	C683	1-123-333-00	ELECT	100MF	20%	25V						
C618	1-123-356-00	ELECT	10MF	20%	25V	C685	1-123-333-00	ELECT	100MF	20%	25V						
C620	1-123-331-00	ELECT	33MF	20%	25V	C687	1-123-356-00	ELECT	10MF	20%	25V						
C621	1-123-380-00	ELECT	1MF	20%	50V	C688	1-123-356-00	ELECT	10MF	20%	25V						
C622	1-123-331-00	ELECT	33MF	20%	25V	C689	1-102-125-00	CERAMIC	0.0047MF	10%	50V						
C623	1-102-129-00	CERAMIC	0.01MF	10%	50V	C690	1-101-006-00	CERAMIC	0.047MF		50V						
C624	1-123-333-00	ELECT	100MF	20%	25V	C691	1-123-332-00	ELECT	47MF	20%	25V						
C626	1-123-332-00	ELECT	47MF	20%	25V	C692	1-123-380-00	ELECT	1MF	20%	50V						
C627	1-101-006-00	CERAMIC	0.047MF			C693	1-123-380-00	ELECT	1MF	20%	50V						
C631	1-123-333-00	ELECT	100MF	20%	25V	C698	1-101-006-00	CERAMIC	0.047MF		50V						
C632	1-102-824-00	CERAMIC	470PF	5%	50V	C699	1-102-129-00	CERAMIC	0.01MF	10%	50V						
C633	1-102-824-00	CERAMIC	470PF	5%	50V	C701	1-102-129-00	CERAMIC	0.01MF	10%	50V						
C634	1-123-333-00	ELECT	100MF	20%	25V	C702	1-102-129-00	CERAMIC	0.01MF	10%	50V						
C637	1-123-356-00	ELECT	10MF	20%	25V	C705	1-102-666-00	CERAMIC	12PF	5%	50V						
C640	1-123-356-00	ELECT	10MF	20%	25V	C706	1-102-666-00	CERAMIC	12PF	5%	50V						
C641	1-123-356-00	ELECT	10MF	20%	25V	C707	1-102-666-00	CERAMIC	12PF	5%	50V						
C642	1-123-332-00	ELECT	47MF	20%	25V	C708	1-123-332-00	ELECT	47MF	20%	25V						
C643	1-123-332-00	ELECT	47MF	20%	25V	C710	1-102-129-00	CERAMIC	0.01MF	10%	50V						
C644	1-123-332-00	ELECT	47MF	20%	25V	C711	1-102-129-00	CERAMIC	0.01MF	10%	50V						
C645	1-102-820-00	CERAMIC	330PF	5%	50V	C713	1-108-624-61	MYLAR	0.0063MF	10%	100V						
C646	1-102-820-00	CERAMIC	330PF	5%	50V	C715	1-102-129-00	CERAMIC	0.01MF	10%	50V						
C647	1-102-820-00	CERAMIC	330PF	5%	50V	C716	1-102-129-00	CERAMIC	0.01MF	10%	50V						
C648	1-123-333-00	ELECT	100MF	20%	25V	C721	1-101-006-00	CERAMIC	0.047MF		50V						
C649	1-123-333-00	ELECT	100MF	20%	25V	C722	1-101-006-00	CERAMIC	0.047MF		50V						
C650	1-123-380-00	ELECT	1MF	20%	50V	C722B	1-123-380-00	ELECT	1MF	20%	50V						
C651	1-123-380-00	ELECT	1MF	20%	50V	C723	1-101-006-00	CERAMIC	0.047MF		50V						
C652	1-123-380-00	ELECT	1MF	20%	50V	C723B	1-123-380-00	ELECT	1MF	20%	50V						
C653	1-101-006-00	CERAMIC	0.047MF			C724	1-101-006-00	CERAMIC	0.047MF		50V						
C654	1-123-333-00	ELECT	100MF	20%	25V	C725	1-101-006-00	CERAMIC	0.047MF		50V						
C655	1-123-356-00	ELECT	10MF	20%	25V	C726	1-101-004-00	CERAMIC	0.01MF		50V						
C656	1-123-356-00	ELECT	10MF	20%	25V	DIODE											
C657	1-123-356-00	ELECT	10MF	20%	25V	D601	8-719-911-19	DIODE	ISS119								
C658	1-123-382-00	ELECT	3.3MF	20%	50V	D602	8-719-911-19	DIODE	ISS119								
C659	1-123-380-00	ELECT	1MF	20%	50V	D603	8-719-911-19	DIODE	ISS119								
C661	1-102-129-00	CERAMIC	0.01MF	10%	50V	D604	8-719-911-19	DIODE	ISS119								
C662	1-123-332-00	ELECT	47MF	20%	25V	D605	8-719-911-19	DIODE	ISS119								
C663	1-123-332-00	ELECT	47MF	20%	25V	D606	8-719-911-19	DIODE	ISS119								
C664	1-123-332-00	ELECT	47MF	20%	25V	D607	8-719-911-19	DIODE	ISS119								
C665	1-123-356-00	ELECT	10MF	20%	25V	D608	8-719-911-19	DIODE	ISS119								
						D609	8-719-911-19	DIODE	ISS119								

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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>		
D610	8-719-911-19	DIODE ISS119		Q631	8-729-178-54	TRANSISTOR 2SC2785			
D611	8-719-911-19	DIODE ISS119		Q632	8-729-117-54	TRANSISTOR 2SA1175			
D612	8-719-911-19	DIODE ISS119		Q633	8-729-178-54	TRANSISTOR 2SC2785			
D613	8-719-100-38	DIODE RD6.2E-B2		Q634	8-729-178-54	TRANSISTOR 2SC2785			
D616	8-719-981-01	DIODE ERA81-004		Q635	8-729-178-54	TRANSISTOR 2SC2785			
<u>IC</u>									
IC603	8-759-900-00	IC SN74LS00N		Q636	8-729-178-54	TRANSISTOR 2SC2785			
IC604	8-759-900-00	IC SN74LS00N		Q637	8-729-178-54	TRANSISTOR 2SC2785			
IC606	8-759-951-54	IC SN75154N		Q638	8-729-178-54	TRANSISTOR 2SC2785			
IC607	8-759-974-06	IC SN7406N		Q639	8-729-178-54	TRANSISTOR 2SC2785			
IC608	8-750-000-74	IC CX20061		Q640	8-729-178-54	TRANSISTOR 2SC2785			
IC609	8-750-000-74	IC CX20061		Q641	8-729-178-54	TRANSISTOR 2SC2785			
IC610	8-750-000-74	IC CX20061		Q642	8-729-178-54	TRANSISTOR 2SC2785			
IC611	8-752-201-90	IC CX22019		Q643	8-729-178-54	TRANSISTOR 2SC2785			
IC612	8-759-905-10	IC CX884		Q644	8-729-117-54	TRANSISTOR 2SA1175			
IC614	8-750-000-74	IC CX20061		Q645	8-729-117-54	TRANSISTOR 2SA1175			
IC615	8-759-170-05	IC UPC78M05H		Q646	8-729-178-54	TRANSISTOR 2SC2785			
<u>COIL</u>									
L601	1-408-226-00	MICRO INDUCTOR 82UH		<u>RESISTOR</u>					
L602	1-408-399-00	MICRO INDUCTOR 1.5UH		R601	1-247-881-00	CARBON	120K	5%	1/6W
L603	1-408-399-00	MICRO INDUCTOR 1.5UH		R602	1-247-895-00	CARBON	470K	5%	1/6W
L604	1-408-399-00	MICRO INDUCTOR 1.5UH		R603	1-247-855-00	CARBON	10K	5%	1/6W
<u>TRANSISTOR</u>									
Q601	8-729-178-54	TRANSISTOR 2SC2785		R604	1-247-842-00	CARBON	3K	5%	1/6W
Q602	8-729-178-54	TRANSISTOR 2SC2785		R606	1-247-831-00	CARBON	1K	5%	1/6W
Q603	8-729-178-54	TRANSISTOR 2SC2785		R607	1-247-807-00	CARBON	100	5%	1/6W
Q604	8-729-178-54	TRANSISTOR 2SC2785		R608	1-247-871-00	CARBON	47K	5%	1/6W
Q605	8-729-178-54	TRANSISTOR 2SC2785		R610	1-247-867-00	CARBON	33K	5%	1/6W
Q606	8-729-178-54	TRANSISTOR 2SC2785		R612	1-247-807-00	CARBON	100	5%	1/6W
Q608	8-729-178-54	TRANSISTOR 2SC2785		R615	1-247-817-00	CARBON	270	5%	1/6W
Q611	8-729-178-54	TRANSISTOR 2SC2785		R616	1-247-835-00	CARBON	1.5K	5%	1/6W
Q612	8-729-178-54	TRANSISTOR 2SC2785		R618	1-247-831-00	CARBON	1K	5%	1/6W
Q613	8-729-178-54	TRANSISTOR 2SC2785		R619	1-247-875-00	CARBON	68K	5%	1/6W
Q614	8-729-178-54	TRANSISTOR 2SC2785		R620	1-247-867-00	CARBON	33K	5%	1/6W
Q615	8-729-178-54	TRANSISTOR 2SC2785		R621	1-247-831-00	CARBON	1K	5%	1/6W
Q616	8-729-178-54	TRANSISTOR 2SC2785		R622	1-247-807-00	CARBON	100	5%	1/6W
Q617	8-729-178-54	TRANSISTOR 2SC2785		R623	1-247-831-00	CARBON	1K	5%	1/6W
Q618	8-729-178-54	TRANSISTOR 2SC2785		R624	1-247-875-00	CARBON	68K	5%	1/6W
Q619	8-729-117-54	TRANSISTOR 2SA1175		R625	1-247-867-00	CARBON	33K	5%	1/6W
Q620	8-729-117-54	TRANSISTOR 2SA1175		R626	1-247-831-00	CARBON	1K	5%	1/6W
Q621	8-729-117-54	TRANSISTOR 2SA1175		R627	1-247-807-00	CARBON	100	5%	1/6W
Q622	8-729-178-54	TRANSISTOR 2SC2785		R628	1-247-831-00	CARBON	1K	5%	1/6W
Q623	8-729-178-54	TRANSISTOR 2SC2785		R629	1-247-875-00	CARBON	68K	5%	1/6W
Q624	8-729-178-54	TRANSISTOR 2SC2785		R630	1-247-867-00	CARBON	33K	5%	1/6W
Q625	8-729-178-54	TRANSISTOR 2SC2785		R631	1-247-831-00	CARBON	1K	5%	1/6W
Q626	8-729-178-54	TRANSISTOR 2SC2785		R632	1-247-807-00	CARBON	100	5%	1/6W
Q627	8-729-178-54	TRANSISTOR 2SC2785		R633	1-247-871-00	CARBON	47K	5%	1/6W
Q628	8-729-178-54	TRANSISTOR 2SC2785		R634	1-247-867-00	CARBON	33K	5%	1/6W
Q629	8-729-178-54	TRANSISTOR 2SC2785		R635	1-247-871-00	CARBON	47K	5%	1/6W
Q630	8-729-178-54	TRANSISTOR 2SC2785		R636	1-247-867-00	CARBON	33K	5%	1/6W
				R637	1-247-871-00	CARBON	47K	5%	1/6W
				R638	1-247-867-00	CARBON	33K	5%	1/6W

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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>
R639	1-247-867-00	CARBON	33K 5% 1/6W	R698	1-247-815-00	CARBON	220 5% 1/6W
R640	1-247-871-00	CARBON	47K 5% 1/6W	R699	1-247-901-00	CARBON	820K 5% 1/6W
R641	1-247-873-11	CARBON	22 5% 1/4W F	R700	1-247-901-00	CARBON	820K 5% 1/6W
R642	1-247-867-00	CARBON	33K 5% 1/6W	R701	1-247-901-00	CARBON	820K 5% 1/6W
R644	1-247-807-00	CARBON	100 5% 1/6W	R702	1-247-869-00	CARBON	39K 5% 1/6W
R645	1-247-825-00	CARBON	560 5% 1/6W	R703	1-247-883-00	CARBON	150K 5% 1/6W
R646	1-247-820-00	CARBON	360 5% 1/6W	R704	1-247-867-00	CARBON	33K 5% 1/6W
R651	1-247-807-00	CARBON	100 5% 1/6W	R705	1-247-849-00	CARBON	5.6K 5% 1/6W
R652	1-247-807-00	CARBON	100 5% 1/6W	R707	1-247-863-00	CARBON	22K 5% 1/6W
R653	1-247-807-00	CARBON	100 5% 1/6W	R708	1-247-849-00	CARBON	5.6K 5% 1/6W
R654	1-247-807-00	CARBON	100 5% 1/6W	R709	1-247-791-00	CARBON	22 5% 1/6W
R656	1-247-807-00	CARBON	100 5% 1/6W	R710	1-247-825-00	CARBON	560 5% 1/6W
R657	1-247-847-00	CARBON	4.7K 5% 1/6W	R711	1-247-799-00	CARBON	47 5% 1/6W
R658	1-247-831-00	CARBON	1K 5% 1/6W	R712	1-247-791-00	CARBON	22 5% 1/6W
R659	1-247-847-00	CARBON	4.7K 5% 1/6W	R713	1-247-799-00	CARBON	47 5% 1/6W
R660	1-247-847-00	CARBON	4.7K 5% 1/6W	R714	1-247-825-00	CARBON	560 5% 1/6W
R661	1-247-847-00	CARBON	4.7K 5% 1/6W	R715	1-247-791-00	CARBON	22 5% 1/6W
R662	1-247-841-00	CARBON	2.7K 5% 1/6W	R716	1-247-825-00	CARBON	560 5% 1/6W
R663	1-247-847-00	CARBON	4.7K 5% 1/6W	R717	1-247-840-00	CARBON	2.4K 5% 1/6W
R664	1-247-831-00	CARBON	1K 5% 1/6W	R718	1-247-840-00	CARBON	2.4K 5% 1/6W
R665	1-247-875-00	CARBON	68K 5% 1/6W	R719	1-247-840-00	CARBON	2.4K 5% 1/6W
R666	1-247-867-00	CARBON	33K 5% 1/6W	R720	1-247-847-00	CARBON	4.7K 5% 1/6W
R667	1-247-831-00	CARBON	1K 5% 1/6W	R721	1-247-845-00	CARBON	3.9K 5% 1/6W
R668	1-247-807-00	CARBON	100 5% 1/6W	R722	1-247-838-00	CARBON	2K 5% 1/6W
R669	1-247-831-00	CARBON	1K 5% 1/6W	R723	1-247-838-00	CARBON	2K 5% 1/6W
R670	1-247-875-00	CARBON	68K 5% 1/6W	R724	1-247-838-00	CARBON	2K 5% 1/6W
R671	1-247-867-00	CARBON	33K 5% 1/6W	R725	1-247-823-00	CARBON	470 5% 1/6W
R672	1-247-831-00	CARBON	1K 5% 1/6W	R726	1-247-823-00	CARBON	470 5% 1/6W
R673	1-247-807-00	CARBON	100 5% 1/6W	R727	1-247-823-00	CARBON	470 5% 1/6W
R674	1-247-831-00	CARBON	1K 5% 1/6W	R728	1-247-871-00	CARBON	47K 5% 1/6W
R675	1-247-875-00	CARBON	68K 5% 1/6W	R729	1-247-855-00	CARBON	10K 5% 1/6W
R676	1-247-867-00	CARBON	33K 5% 1/6W	R730	1-247-827-00	CARBON	680 5% 1/6W
R677	1-247-807-00	CARBON	100 5% 1/6W	R731	1-247-843-00	CARBON	3.3K 5% 1/6W
R678	1-247-831-00	CARBON	1K 5% 1/6W	R732	1-247-855-00	CARBON	10K 5% 1/6W
R679	1-247-857-00	CARBON	12K 5% 1/6W	R733	1-247-851-00	CARBON	6.8K 5% 1/6W
R680	1-247-843-00	CARBON	3.3K 5% 1/6W	R734	1-247-824-00	CARBON	510 5% 1/6W
R681	1-247-843-00	CARBON	3.3K 5% 1/6W	R735	1-247-848-00	CARBON	5.1K 5% 1/6W
R682	1-247-843-00	CARBON	3.3K 5% 1/6W	R736	1-247-842-00	CARBON	3K 5% 1/6W
R683	1-247-843-00	CARBON	3.3K 5% 1/6W	R737	1-247-885-00	CARBON	180K 5% 1/6W
R684	1-247-843-00	CARBON	3.3K 5% 1/6W	R738	1-247-862-00	CARBON	20K 5% 1/6W
R685	1-247-843-00	CARBON	3.3K 5% 1/6W	R739	1-247-849-00	CARBON	5.6K 5% 1/6W
R686	1-247-843-00	CARBON	3.3K 5% 1/6W	R740	1-247-855-00	CARBON	10K 5% 1/6W
R687	1-247-859-00	CARBON	15K 5% 1/6W	R741	1-247-804-00	CARBON	75 5% 1/6W
R688	1-247-831-00	CARBON	1K 5% 1/6W	R742	1-247-859-00	CARBON	15K 5% 1/6W
R689	1-247-831-00	CARBON	1K 5% 1/6W	R743	1-247-804-00	CARBON	75 5% 1/6W
R690	1-247-831-00	CARBON	1K 5% 1/6W	R744	1-247-859-00	CARBON	15K 5% 1/6W
R691	1-247-807-00	CARBON	100 5% 1/6W	R745	1-247-843-00	CARBON	3.3K 5% 1/6W
R692	1-247-807-00	CARBON	100 5% 1/6W	R746	1-247-843-00	CARBON	3.3K 5% 1/6W
R693	1-247-807-00	CARBON	100 5% 1/6W	R747	1-247-804-00	CARBON	75 5% 1/6W
R694	1-247-831-00	CARBON	1K 5% 1/6W	R748	1-247-859-00	CARBON	15K 5% 1/6W
R695	1-247-843-00	CARBON	3.3K 5% 1/6W	R749	1-247-843-00	CARBON	3.3K 5% 1/6W
R696	1-247-815-00	CARBON	220 5% 1/6W	R750	1-247-847-00	CARBON	4.7K 5% 1/6W
R697	1-247-815-00	CARBON	220 5% 1/6W	R751	1-247-847-00	CARBON	4.7K 5% 1/6W

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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>
R752	1-247-847-00	CARBON	4.7K 5% 1/6W	R820	1-247-863-00	CARBON	22K 5% 1/6W
R753	1-247-831-00	CARBON	1K 5% 1/6W	R821	1-247-843-00	CARBON	3.3K 5% 1/6W
R754	1-247-831-00	CARBON	1K 5% 1/6W	R822	1-247-823-00	CARBON	470 5% 1/6W
R755	1-247-831-00	CARBON	1K 5% 1/6W	R823	1-247-831-00	CARBON	1K 5% 1/6W
R756	1-247-821-00	CARBON	390 5% 1/6W	R824	1-247-831-00	CARBON	1K 5% 1/6W
R757	1-247-807-00	CARBON	100 5% 1/6W	R825	1-247-831-00	CARBON	1K 5% 1/6W
R758	1-247-821-00	CARBON	390 5% 1/6W	R826	1-247-807-00	CARBON	100 5% 1/6W
R759	1-247-807-00	CARBON	100 5% 1/6W	R827	1-247-823-00	CARBON	470 5% 1/6W
R760	1-247-821-00	CARBON	390 5% 1/6W	R841	1-215-469-00	CARBON	100K 5% 1/6W
R761	1-247-807-00	CARBON	100 5% 1/6W	R842	1-215-460-00	CARBON	43K 5% 1/6W
R762	1-247-847-00	CARBON	4.7K 5% 1/6W				<u>VARIABLE RESISTOR</u>
R763	1-247-847-00	CARBON	4.7K 5% 1/6W	RV601	1-226-772-00	RES, ADJ, METAL GLAZE	4.7K
R764	1-247-817-00	CARBON	270 5% 1/6W	RV602	1-226-773-00	RES, ADJ, METAL GLAZE	22K
R765	1-247-838-00	CARBON	2K 5% 1/6W	RV603	1-226-773-00	RES, ADJ, METAL GLAZE	22K
R766	1-247-840-00	CARBON	2.4K 5% 1/6W	RV604	1-226-773-00	RES, ADJ, METAL GLAZE	22K
R767	1-247-831-00	CARBON	1K 5% 1/6W	RV605	1-226-773-00	RES, ADJ, METAL GLAZE	22K
R768	1-247-859-00	CARBON	15K 5% 1/6W				*****
R769	1-247-804-00	CARBON	75 5% 1/6W				*****
R770	1-247-831-00	CARBON	1K 5% 1/6W				*****
R771	1-247-859-00	CARBON	15K 5% 1/6W				*****
R772	1-247-886-00	CARBON	200K 5% 1/6W				<u>A: A-1245-190-A F BOARD, COMPLETE</u>
R773	1-247-846-00	CARBON	4.3K 5% 1/6W				*****
R774	1-247-851-00	CARBON	6.8K 5% 1/6W				
R776	1-247-859-00	CARBON	15K 5% 1/6W				
R777	1-247-895-00	CARBON	470K 5% 1/6W				
R778	1-247-847-00	CARBON	4.7K 5% 1/6W				
R779	1-247-831-00	CARBON	1K 5% 1/6W				
R780	1-247-871-00	CARBON	47K 5% 1/6W				
R781	1-247-867-00	CARBON	33K 5% 1/6W				
R782	1-247-863-00	CARBON	22K 5% 1/6W				
R783	1-247-863-00	CARBON	22K 5% 1/6W				<u>CAPACITOR</u>
R785	1-247-849-00	CARBON	5.6K 5% 1/6W	C601	A: 1-108-745-62	MYLAR	0.22MF 20% 300V
R786	1-247-823-00	CARBON	470 5% 1/6W		▲: 4-316-137-00	COVER, CAPACITOR	, C601
R788	1-247-859-00	CARBON	15K 5% 1/6W	C602	▲: 1-108-745-62	MYLAR	0.22MF 20% 300V
R789	1-247-831-00	CARBON	1K 5% 1/6W	C605	▲: 1-108-745-62	MYLAR	0.22MF 20% 300V
R790	1-247-831-00	CARBON	1K 5% 1/6W	C606	1-161-738-00	CERAMIC	0.0047MF 20% 400V
R791	1-211-536-00	CARBON	390 5% 1/4W F	C607	1-161-738-00	CERAMIC	0.0047MF 20% 400V
R792	1-212-360-00	METAL OXIDE	1 5% 1W F	C608	1-125-287-00	ELECT(BLOCK)	430MF 400V
R793	1-247-855-00	CARBON	10K 5% 1/6W	C609	1-161-738-00	CERAMIC	0.0047MF 20% 400V
R794	1-247-807-00	CARBON	100 5% 1/6W	C610	1-161-953-00	FILM	0.0047MF 20% 400V
R795	1-213-125-00	METAL OXIDE	33 5% 1W F	C611	1-161-738-00	CERAMIC	0.0047MF 20% 400V
R797	1-247-847-00	CARBON	4.7K 5% 1/6W	C612	1-161-953-00	FILM	0.0047MF 20% 400V
R798	1-247-843-00	CARBON	3.3K 5% 1/6W	C613	1-161-738-00	CERAMIC	0.0047MF 20% 400V
R799	1-247-861-00	CARBON	18K 5% 1/6W	C614	1-161-739-00	CERAMIC	0.01MF 20% 400V
R800	1-247-807-00	CARBON	100 5% 1/6W	C615	1-102-327-00	CERAMIC	330PF 15% 1.5KV
R801	1-247-843-00	CARBON	3.3K 5% 1/6W	C616	1-129-706-11	FILM	0.0022MF 10% 630V
R806	1-246-446-00	CARBON	75 5% 1/4W	C617	1-102-327-00	CERAMIC	330PF 15% 1.5KV
R810	1-247-799-00	CARBON	47 5% 1/6W	C618	1-123-360-00	ELECT	100MF 20% 50V
R811	1-247-838-00	CARBON	2K 5% 1/6W	C619	1-123-323-00	ELECT	470MF 20% 16V
R812	1-247-843-00	CARBON	3.3K 5% 1/6W	C620	1-123-381-00	ELECT	2.2MF 20% 50V
R814	1-247-843-00	CARBON	3.3K 5% 1/6W	C621	1-102-002-00	CERAMIC	680PF 10% 500V
R815	1-247-843-00	CARBON	3.3K 5% 1/6W	C622	1-108-376-00	MYLAR	0.0082MF 10% 100V
R817	1-247-831-00	CARBON	1K 5% 1/6W	C623	1-102-959-00	CERAMIC	22PF 5% 50V
				C625	1-108-379-00	MYLAR	0.015MF 10% 100V

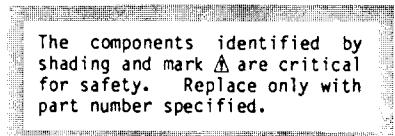
NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>		<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>		<u>Remark</u>	
C626	1-102-327-00	CERAMIC	330PF	15%	1.5KV	Q602	8-729-300-60	TRANSISTOR 2SC1413-SY		
C627	1-123-024-00	ELECT	33MF		160V	3-701-353-00	SPACER, MICA , Q602			
C630	1-102-030-00	CERAMIC	330PF	10%	500V	3-701-609-00	BUSHING (B), TR , Q602			
C631	1-124-128-00	ELECT	470MF	20%	25V	♦:4-314-938-01	RETAINER (TO-3), TRANSISTOR , Q602			
C632	1-124-128-00	ELECT	470MF	20%	25V	♦:4-336-010-00	HEAT SINK , Q602			
C633	1-123-306-00	ELECT	47MF		16V					
C634	1-102-030-00	CERAMIC	330PF	10%	500V					
C639	1-108-849-00	FILM	0.1MF		50V					
<u>DIODE</u>										
D601	8-719-911-55	DIODE	U05G			R602	1-206-688-00	METAL OXIDE	10K 5% 2W F	
D602	8-719-503-06	DIODE	S3WB60Z			R603	1-247-289-00	CARBON	8.2M 5% 1W	
D603	8-719-100-68	DIODE	RD13E-B2			R604	1-244-929-00	CARBON	220K 5% 1/2W	
D604	8-719-300-70	DIODE	RH-1C			R605	1-212-356-00	METAL OXIDE	0.47 5% 1W F	
D605	8-719-901-83	DIODE	1SS83			R606	1-247-851-00	CARBON	6.8K 5% 1/6W	
D606	8-719-300-45	DIODE	EM-1Z			R607	1-244-931-00	CARBON	270K 5% 1/2W	
D607	8-719-300-45	DIODE	EM-1Z			R608	1-215-263-00	METAL	270K 1W	
D608	8-719-901-83	DIODE	1SS83			R610	1-247-819-00	CARBON	330 1% 1/6W	
D609	8-719-901-93	DIODE	V19E			R611	1-246-981-00	CARBON	4.7 5% 1/8W F	
D610	8-719-928-08	DIODE	ERD28-08			R612	1-247-857-00	CARBON	12K 1% 1/6W	
D612	8-719-907-30	DIODE	ERB84-009			R613	1-247-833-00	CARBON	1.2K 1% 1/6W	
D613	8-719-901-93	DIODE	V19E			R614	1-247-855-00	CARBON	10K 5% 1/6W	
<u>CONNECTOR</u>										
F1	♦:1-506-348-XX	3P PLUG	{L}			R615	1-244-929-00	CARBON	220K 5% 1/2W	
F2	♦:1-506-348-XX	3P PLUG	{L}			R616	1-247-795-00	CARBON	33 5% 1/6W	
F3	♦:1-508-765-00	3P PLUG	(M)			R617	1-247-849-00	CARBON	5.5K 1% 1/6W	
F4	♦:1-508-768-00	6P PLUG				R618	1-247-839-00	CARBON	2.2K 1% 1/6W	
<u>FUSE</u>										
F601	Δ 1-532-325-11	FUSE, TIME-LAG	6.3A			R619	1-206-519-00	METAL OXIDE	22 5% 3W	
	♦:3-701-947-19	LABEL, FUSE ,	F601			R620	1-217-305-00	WIREWOUND	39 10% 5W F	
F651	♦:1-533-087-00	HOLDER, FUSE				R622	1-246-997-00	CARBON	1.2 5% 1/4W F	
<u>IC</u>										
IC 601	♦:8-759-046-00	IC	TDA4600			R623	1-202-665-11	SOLID	6.8M 5% 1/2W	
	♦:4-356-301-00	HEAT SINK	(D) , IC 601			R633	1-206-690-00	METAL OXIDE	12K 5% 2W F	
<u>COIL</u>										
L601	1-407-180-XX	MICRO INDUCTOR	1.5UH			<u>VARIABEL RESISTOR</u>				
L602	1-408-421-00	MICRO INDUCTOR	100UH			RV601	1-226-850-00	RES, ADJ, CARBON	4.1K	
L603	1-425-613-00	COIL, AIR-CORE, QF	TYPE			<u>TRANSFORMER</u>				
L604	1-459-215-00	CORE COIL				T601	Δ 1-421-556-21	TRANSFORMER, LINE FILTER (LFT)		
L607	1-421-487-00	COIL, CHOKE				T602	Δ 1-421-412-11	COIL, FERRITE		
L608	1-459-215-00	CORE COIL				T603	Δ 1-421-584-11	TRANSFORMER, FERRITE (ROT)		
L611	1-407-364-00	COIL, SPOOK CHOKE				<u>THERMISTOR</u>				
L612	1-407-184-XX	MICRO INDUCTOR	3.3UH			TH601	1-800-820-00	THERMISTOR, POWER		
<u>THERMISTOR</u>										
PTH601	1-800-665-00	THERMISTOR				*****	*****	*****	*****	*****
<u>TRANSISTOR</u>										
Q601	8-719-000-28	THYRISTOR	CR02AM-8			♦:A-1330-452-A	C BOARD, COMPLETE	*****		

NOTE:



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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>			<u>Remark</u>
<u>CONNECTOR</u>											
C1	♦:1-508-765-00	3P PLUG (M)				R717	1-202-834-00	SOLID	27K		1/2W
C2	♦:1-508-786-00	2P PLUG (M)				R718	1-202-549-00	SOLID	100	10%	1/2W
						R719	1-202-842-51	SOLID	220K		1/2W
						R720	1-202-719-00	SOLID	1M	10%	1/2W
						R721	1-202-824-00	SOLID	3.3K		1/2W
<u>CAPACITOR</u>											
C701	1-121-759-00	ELECT	4.7MF		250V	R722	1-202-719-00	SOLID	1M	10%	1/2W
C702	1-129-737-00	FILM	0.047MF	20%	630V	R724	1-246-497-00	CARBON	10K	5%	1/4W
C703	1-102-249-00	CERAMIC	680PF	20%	2KV	R725	1-246-497-00	CARBON	10K	5%	1/4W
C704	1-123-356-00	ELECT	10MF	20%	25V	R726	1-246-497-00	CARBON	10K	5%	1/4W
C705	1-108-433-00	MYLAR	0.1MF	10%	200V	R727	1-246-433-00	CARBON	22	5%	1/4W
C706	1-102-822-00	CERAMIC	390PF	5%	50V	R728	1-246-437-00	CARBON	33	5%	1/4W
C707	1-102-822-00	CERAMIC	390PF	5%	50V	R729	1-246-437-00	CARBON	33	5%	1/4W
C708	1-102-824-00	CERAMIC	470PF	5%	50V	R730	1-246-457-00	CARBON	220	5%	1/4W
C709	1-102-038-00	CERAMIC	0.001MF		500V	R731	1-246-457-00	CARBON	220	5%	1/4W
C710	1-102-219-00	CERAMIC	680PF	20%	1KV	R732	1-246-475-00	CARBON	1.2K	5%	1/4W
C711	1-123-356-00	ELECT	10MF	20%	50V	R733	1-246-475-00	CARBON	1.2K	5%	1/4W
<u>DIODE</u>											
D701	8-719-300-76	DIODE	RH1A			R735	1-246-456-00	CARBON	200	5%	1/4W
D702	8-719-300-76	DIODE	RH1A			R736	1-246-456-00	CARBON	200	5%	1/4W
D703	8-719-300-76	DIODE	RH1A			R737	1-246-456-00	CARBON	200	5%	1/4W
						R738	1-246-457-00	CARBON	220	5%	1/4W
						R739	1-246-475-00	CARBON	1.2K	5%	1/4W
						R740	1-246-437-00	CARBON	33	5%	1/4W
						R741	1-212-360-00	METAL OXIDE	1	5%	1W F
<u>COIL</u>											
L701	1-407-166-XX	MICRO INDUCTOR	56UH			<u>VARIABLE RESISTOR</u>					
L702	1-407-166-XX	MICRO INDUCTOR	56UH			RV701	1-224-644-XX	RES, ADJ, CARBON	4.7K		
L703	1-407-166-XX	MICRO INDUCTOR	56UH			RV702	1-224-643-XX	RES, ADJ, CARBON	2.2K		
L704	1-407-701-00	MICRO INDUCTOR	47UH			RV703	1-224-644-XX	RES, ADJ, CARBON	4.7K		
						RV704	1-224-643-XX	RES, ADJ, CARBON	2.2K		
						RV705	1-224-644-XX	RES, ADJ, CARBON	4.7K		
<u>TRANSISTOR</u>											
Q701	8-729-168-82	TRANSISTOR	2SC2688			RV706A	1-226-063-00	RES, ADJ, CARBON	2.2M		
Q702	8-729-168-82	TRANSISTOR	2SC2688			RV707	1-226-114-00	RES, ADJ, METAL GLAZE	2.2M		
Q703	8-729-168-82	TRANSISTOR	2SC2688			RV708	1-224-643-XX	RES, ADJ, CARBON	2.2K		
Q704	8-729-281-53	TRANSISTOR	2SC1815								
Q705	8-729-281-53	TRANSISTOR	2SC1815								
Q706	8-729-281-53	TRANSISTOR	2SC1815			*****:1-609-701-00 D2 BOARD *****					
<u>RESISTOR</u>											
R701	1-246-461-00	CARBON	330	5%	1/4W	♦:1-560-278-00 PLUG, CONNECTOR 5P ♦:1-560-721-21 PLUG, CONNECTOR 2P					
R702	1-246-482-00	CARBON	2.4K	5%	1/4W	<u>CAPACITOR</u>					
R703	1-206-743-00	METAL OXIDE	5.6K	5%	3W F	C801	1-108-393-00	MYLAR	0.22MF	10%	100V
R704	1-246-482-00	CARBON	2.4K	5%	1/4W	C802	1-108-385-00	MYLAR	0.047MF	10%	100V
R705	1-246-461-00	CARBON	330	5%	1/4W	C803	1-108-385-00	MYLAR	0.047MF	10%	100V
R706	1-206-743-00	METAL OXIDE	5.6K	5%	3W F	C804	1-123-360-00	ELECT	100MF	20%	50V
R707	1-246-461-00	CARBON	330	5%	1/4W	C805	1-123-356-00	ELECT	10MF	20%	50V
R708	1-246-482-00	CARBON	2.4K	5%	1/4W	C806	1-123-356-00	ELECT	10MF	20%	50V
R709	1-206-743-00	METAL OXIDE	5.6K	5%	3W F	C807	1-123-380-00	ELECT	1MF	20%	50V
R710	1-202-824-00	SOLID	3.3K		1/2W	C808	1-123-252-00	ELECT	1MF		160V
R711	1-202-722-51	SOLID	1.8M	10%	1/2W						
R713	1-202-824-00	SOLID	3.3K		1/2W						
R714	1-202-720-00	SOLID	1.2M	10%	1/2W						
R715	1-202-815-51	SOLID	47K		1/2W						
R716	1-202-824-00	SOLID	3.3K		1/2W	D801	8-719-911-19	DIODE	ISS119		
<u>DIODE</u>											

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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>				<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>				<u>Remark</u>	
<u>COIL</u>														
L801	1-408-244-00	MICRO INDUCTOR	18MMH						♦:A-1345-405-A	D BOARD, COMPLETE				
L802	1-459-107-00	COIL, DUST CORE							♦:1-526-575-00	SOCKET, PLUG				
<u>TRANSISTOR</u>														
Q801	8-729-313-82	TRANSISTOR	2SD1138						♦:4-340-905-00	HEAT SINK, V OUT				
Q802	8-729-169-02	TRANSISTOR	2SC2690A						♦:4-364-749-00	PLATE, SHIELD, F.B.T				
Q803	8-729-117-54	TRANSISTOR	2SA1175						<u>CAPACITOR</u>					
Q804	8-729-178-54	TRANSISTOR	2SC2785						C501	1-123-380-00	ELECT	1MF	20%	50V
<u>RESISTOR</u>									C502	1-123-380-00	ELECT	1MF	20%	50V
R801	1-246-497-00	CARBON	10K	5%	1/4W	F			C503	1-108-251-00	MYLAR	0.1MF	5%	50V
R802	1-213-143-00	METAL OXIDE	1K	5%	1W	F			C504	1-131-448-00	TANTALUM	1MF	5%	35V
R804	1-247-012-00	CARBON	1K	5%	1/4W	F			C505	1-123-324-00	ELECT	1000MF	20%	16V
R807	1-246-483-00	CARBON	2.7K	5%	1/4W									
R808	1-217-265-11	WIREWOUND	22	10%	3W	F								
R809	1-217-265-11	WIREWOUND	22	10%	3W	F								
R810	1-246-425-00	CARBON	10	5%	1/4W									
R811	1-246-491-00	CARBON	5.6K	5%	1/4W									
R812	1-246-511-00	CARBON	39K	5%	1/4W									
R813	1-246-511-00	CARBON	39K	5%	1/4W									
R814	1-246-425-00	CARBON	10	5%	1/4W									
R815	1-246-491-00	CARBON	5.6K	5%	1/4W									
R817	1-246-471-00	CARBON	820	5%	1/4W									
R819	1-246-481-00	CARBON	2.2K	5%	1/4W									
R820	1-246-508-00	CARBON	30K	5%	1/4W									
<u>VARIABLE RESISTOR</u>														
RV803	1-222-512-00	RES, ADJ, CARBON	10K						C522	1-123-356-00	ELECT	10MF	20%	25V
RV806	1-221-970-XX	RES, ADJ, CARBON	500						C523	1-123-332-00	ELECT	47MF	20%	16V
RV816	1-226-853-00	RES, ADJ, CARBON	47K						C524	1-108-369-00	MYLAR	0.0022MF	10%	100V
									C525	1-121-999-00	ELECT	10MF		160V
									C526	1-123-380-00	ELECT	1MF	20%	50V
									C527	1-108-382-00	MYLAR	0.027MF	10%	100V
									C528	1-108-382-00	MYLAR	0.027MF	10%	100V
									C529	1-123-380-00	ELECT	1MF	20%	50V
									C530	1-123-332-00	ELECT	47MF	20%	16V
									C531	1-123-332-00	ELECT	47MF	20%	16V
									C533	1-123-332-00	ELECT	47MF	20%	16V
									C534	1-108-579-00	MYLAR	0.01MF	5%	50V
									C535	1-123-330-00	ELECT	22MF	20%	16V
									C537	1-123-380-00	ELECT	1MF	20%	50V
									C538	1-108-387-00	MYLAR	0.068MF	10%	100V
									C539	1-102-121-00	CERAMIC	0.0022MF	10%	50V
									C540	1-102-824-00	CERAMIC	470PF	5%	50V
									C541	1-102-820-00	CERAMIC	330PF	5%	50V
									C542	1-123-026-00	ELECT	2.2MF		160V
									C543	1-123-380-00	ELECT	1MF	20%	100V



Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark				
C544A	1-161-830-00	CERAMIC	0.0047MF	500V	C848 A-1-136-044-11	FILM	0.0017MF	3%	1.6KV		
C544B	1-161-830-00	CERAMIC	0.0047MF	500V	C850	1-102-030-00	CERAMIC	330PF	10%	500V	
C545	1-123-379-00	ELECT	0.047F	20%	50V	C852	1-101-006-00	CERAMIC	0.047MF	50V	
C547	1-123-332-00	ELECT	47MF	20%	16V	C853	1-108-373-00	MYLAR	0.0047MF	10%	100V
C548	1-123-332-00	ELECT	47MF	20%	16V	C854	1-102-223-00	CERAMIC	0.0047MF	20%	1.6KV
C549	1-123-330-00	ELECT	22MF	20%	16V	C855	1-123-381-00	ELECT	2.2MF	20%	50V
C551	1-102-228-00	CERAMIC	470PF	10%	500V	C856	1-108-373-00	MYLAR	0.0047MF	10%	100V
C552	1-108-377-00	MYLAR	0.01MF	10%	100V	C857	1-123-357-00	ELECT	22MF	20%	50V
C559	1-108-579-00	MYLAR	0.01MF	5%	50V	C858	1-121-999-00	ELECT	10MF	160V	
C560	1-123-318-00	ELECT	33MF	20%	16V	C859	1-123-357-00	ELECT	22MF	20%	50V
C562	1-123-380-00	ELECT	1MF	20%	50V	C862	1-102-824-00	CERAMIC	470PF	5%	50V
C563	1-123-332-00	ELECT	47MF	20%	25V	C863	1-102-074-00	CERAMIC	0.001MF	10%	50V
C802	1-123-379-00	ELECT	0.47MF	20%	50V	C864	1-102-976-00	CERAMIC	180PF	5%	50V
C803	1-123-379-00	ELECT	0.47MF	20%	50V	C865	1-123-369-00	ELECT	4.7MF	20%	50V
C804	1-108-377-00	MYLAR	0.01MF	10%	100V	<u>CONNECTOR</u>					
C805	1-123-331-00	ELECT	33MF	20%	25V	D2	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			
C806	1-123-331-00	ELECT	33MF	20%	25V	D3	♦:1-508-765-00	3P PLUG (M)			
C807	1-108-567-00	MYLAR	0.0033MF	5%	50V	D4	♦:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P			
C808	1-130-022-00	FILM	0.0022MF	5%	50V	D5	♦:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P			
C809	1-123-357-00	ELECT	22MF	20%	50V	D6	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			
C810	1-121-246-00	ELECT	4.7MF		160V	D7	♦:1-508-765-00	3P PLUG (M)			
C811	1-101-004-00	CERAMIC	0.01MF		50V	D8	♦:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P			
C812	1-108-389-00	MYLAR	0.1MF	10%	100V	D9	♦:1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P			
C813	1-123-380-00	ELECT	1MF	20%	50V	D10	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			
C814	1-123-380-00	ELECT	1MF	20%	50V	D11	♦:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P			
C815	1-108-387-00	MYLAR	0.068MF	10%	100V	D12	♦:1-508-768-00	6P PLUG			
C816	1-121-806-00	ELECT	10MF		16V	D13	♦:1-508-765-00	3P PLUG (M)			
C817	1-123-380-00	ELECT	1MF	20%	50V	D14	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			
C818	1-102-820-00	CERAMIC	330PF	5%	50V	D16	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			
C819	1-108-689-11	MYLAR	0.0056MF	10%	200V	D17	♦:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P			
C820	1-101-810-00	CERAMIC	100PF	5%	500V	D18	♦:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P			
C821	1-102-030-00	CERAMIC	330PF	10%	500V	<u>DIODE</u>					
C822	1-123-003-00	ELECT	1MF		250V	D501	8-719-911-19	DIODE ISS119			
C823	1-130-069-00	FILM	0.43MF	5%	200V	D502	8-719-911-19	DIODE ISS119			
C825	1-123-346-00	ELECT	220MF	20%	35V	D503	8-719-113-07	DIODE RD13E-B			
C826	1-129-706-00	FILM	0.0022MF	10%	630V	D504	8-719-911-55	DIODE U05G			
C827	1-101-004-00	CERAMIC	0.01MF		50V	D505	8-719-911-19	DIODE ISS119			
C828	1-121-999-00	ELECT	10MF		160V	D507	8-719-911-19	DIODE ISS119			
C829	1-123-024-00	ELECT	33MF		160V	D508	8-719-911-19	DIODE ISS119			
C830	1-108-429-00	MYLAR	0.047MF	10%	200V	D509	8-719-911-19	DIODE ISS119			
C832	1-161-753-11	CERAMIC	470PF	10%	3KV	D513	8-719-300-45	DIODE EM1Z			
C833	1-123-379-00	ELECT	0.47MF	20%	50V	D515	8-719-911-55	DIODE U05G			
C834	1-102-212-00	CERAMIC	820PF	10%	500V	D516	8-719-911-19	DIODE ISS119			
C835	1-108-369-00	MYLAR	0.0022MF	10%	100V	D801	8-719-100-80	DIODE RD20E-B2			
C836	1-102-531-00	CERAMIC	150PF	5%	50V	D802	8-719-300-45	DIODE EM1Z			
C837	1-123-586-00	ELECT	0.1MF	20%	50V	D803	8-719-300-76	DIODE RH1A			
C838	1-123-380-00	ELECT	1MF	20%	50V	D804	8-719-300-76	DIODE RH1A			
C839	1-123-331-00	ELECT	33MF	20%	25V	D805	8-719-901-93	DIODE V19E			
C841 A-1-161-961-11	CERAMIC	0.0022MF	10%	3KV	D806	8-719-300-76	DIODE RH1A				
C843	1-123-369-00	ELECT	4.7MF	20%	50V	D807	8-719-903-09	DIODE V30N			
C844	1-108-385-00	MYLAR	0.047MF	10%	100V	D809	8-719-901-93	DIODE V19E			
C845 A-1-108-702-11	MYLAR	0.068MF	10%	200V							
C846 A-1-136-044-11	FILM	0.0017MF	3%	1.6KV							
C847 A-1-136-044-11	FILM	0.0017MF	3%	1.6KV							

NOTE:

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D

<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>
D810	8-719-911-19	DIODE 1SS119		Q510	8-729-178-54	TRANSISTOR 2SC2785	
D811	8-719-911-19	DIODE 1SS119		Q511	8-729-178-54	TRANSISTOR 2SC2785	
D812	8-719-100-30	DIODE RD5.1E-82		Q512	8-729-178-54	TRANSISTOR 2SC2785	
D813	8-719-300-45	DIODE EM1Z		Q513	8-729-178-54	TRANSISTOR 2SC2785	
D814	8-719-300-45	DIODE EM1Z		Q514	8-729-117-54	TRANSISTOR 2SA1175	
D815	8-719-911-19	DIODE 1SS119		Q515	8-729-117-54	TRANSISTOR 2SA1175	
D816	8-719-911-19	DIODE 1SS119		Q516	8-729-178-54	TRANSISTOR 2SC2785	
D817	8-719-300-76	DIODE RH1A		Q518	8-729-178-54	TRANSISTOR 2SC2785	
D818	8-719-300-76	DIODE RH1A		Q519	8-729-117-54	TRANSISTOR 2SA1175	
D819	8-719-300-76	DIODE RH1A		Q520	8-729-255-21	TRANSISTOR 2SC2551	
D820	8-719-911-19	DIODE 1SS119		Q521	8-729-238-32	TRANSISTOR 2SC2383	
				Q522	8-729-201-32	TRANSISTOR 2SA1013	
			<u>CONNECTOR</u>	Q523	8-729-178-54	TRANSISTOR 2SC2785	
DY1	♦:1-506-347-21	4P PLUG		Q524	8-729-178-54	TRANSISTOR 2SC2785	
DY2	♦:1-506-347-21	4P PLUG		Q801	8-729-168-82	TRANSISTOR 2SC2688	
				Q802	8-729-177-43	TRANSISTOR 2SD774	
			<u>IC</u>	Q803	8-729-287-00	TRANSISTOR 2SD870	
IC501	8-759-878-03	IC LA7802		3-701-353-00	SPACER, MICA , Q803		
IC502	8-759-113-58	IC UPC1358H		3-701-609-00	BUSHING (B), TR , Q803		
IC503	8-759-979-16	IC CX7916		♦:4-314-938-01	RETAINER (TO-3), TRANSISTOR , Q803		
IC504	8-750-000-74	IC CX20061		♦:4-336-010-00	HEAT SINK , Q803		
IC505	8-759-145-58	IC UPC4558C		Q805	8-729-178-54	TRANSISTOR 2SC2785	
IC506	8-719-907-13	DIODE PC713		Q806	8-729-178-54	TRANSISTOR 2SC2785	
IC801	8-759-240-11	IC TC4011BP		Q807	8-729-213-11	TRANSISTOR 2SC2230A	
				Q808	8-729-177-43	TRANSISTOR 2SD774	
			<u>COIL</u>	Q809	8-729-612-77	TRANSISTOR 2SA1207R	
L801	1-408-247-00	MICRO INDUCTOR 33MMH		Q810	8-729-177-43	TRANSISTOR 2SD774	
L802	1-408-247-00	MICRO INDUCTOR 33MMH					
L803	Δ.1-459-451-11	COIL, FERRITE					
L804	Δ.1-459-261-11	COIL, VARIABLE		R501	1-247-831-00	CARBON	1K 5% 1/6W
L805	Δ.1-459-155-11	COIL (WITH CORE) 45MH		R502	1-247-869-00	CARBON	39K 5% 1/6W
L806	Δ.1-459-155-11	COIL (WITH CORE) 45MH		R503	1-247-897-00	CARBON	560K 5% 1/6W
L807	Δ.1-459-261-11	COIL, VARIABLE		R504	1-247-833-00	CARBON	1.2K 5% 1/6W
L808	1-407-501-31	MICRO INDUCTOR 5.6MMH		R505	1-247-839-00	CARBON	2.2K 5% 1/6W
L809	1-407-841-00	COIL		R506	1-247-887-00	CARBON	220K 5% 1/6W
L811	1-407-166-XX	MICRO INDUCTOR 56UH		R508	1-247-831-00	CARBON	1K 5% 1/6W
L812	1-459-155-00	COIL (WITH CORE) 45MH		R509	1-247-855-00	CARBON	10K 5% 1/6W
L813	1-407-364-00	COIL, SPOOK CHOKE		R510	1-246-458-00	CARBON	240 5% 1/4W
L814	1-408-349-00	COIL, CHOKE		R511	1-215-471-00	METAL	120K 1% 1/6W
L815	1-407-494-00	MICRO INDUCTOR 1.5MMH		R512	1-212-970-51	FUSIBLE	33 5% 1/2W F
L816	Δ.1-459-457-11	COIL, VARIABLE		R513	1-217-477-00	FUSIBLE	4.7 5% 1W F
L817	1-407-693-00	MICRO INDUCTOR 10UH		R514	1-247-829-00	CARBON	820 5% 1/6W
L818	1-407-501-31	MICRO INDUCTOR 5.6MMH		R515	1-215-466-31	METAL	75K 1% 1/6W
				R516	1-247-839-00	CARBON	2.2K 5% 1/6W
			<u>TRANSISTOR</u>	R517	1-247-819-00	CARBON	330 5% 1/6W
				R519	1-215-458-00	CARBON	36K 5% 1/6W
Q501	8-729-117-54	TRANSISTOR 2SA1175		R520	1-247-871-00	CARBON	47K 5% 1/6W
Q502	8-729-313-42	TRANSISTOR 2SD1134		R521	1-212-365-00	METAL OXIDE	2.7 5% 1W F
Q503	8-729-178-54	TRANSISTOR 2SC2785		R522	1-247-850-00	CARBON	6.2K 5% 1/6W
Q504	8-729-178-54	TRANSISTOR 2SC2785		R523	1-247-883-00	CARBON	150K 5% 1/6W
Q505	8-729-117-54	TRANSISTOR 2SA1175		R524	1-247-831-00	CARBON	1K 5% 1/6W
Q506	8-729-178-54	TRANSISTOR 2SC2785		R525	1-247-841-00	CARBON	2.7K 5% 1/6W
Q507	8-729-178-54	TRANSISTOR 2SC2785		R527	1-247-844-00	CARBON	3.6K 5% 1/6W
Q508	8-729-117-54	TRANSISTOR 2SA1175					
Q509	8-729-178-54	TRANSISTOR 2SC2785					

NOTE:

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<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>
R529	1-247-841-00	CARBON	2.7K 5% 1/6W	R589	1-247-831-00	CARBON	1K 5% 1/6W
R530	1-247-849-00	CARBON	5.6K 5% 1/6W	R590	1-247-827-00	CARBON	680 5% 1/6W
R531	1-247-855-00	CARBON	10K 5% 1/6W	R591	1-211-602-00	CARBON	33 5% 1/2W F
R532	1-247-862-00	CARBON	20K 5% 1/6W	R592	1-247-879-00	CARBON	100K 5% 1/6W
R533	1-247-843-00	CARBON	3.3K 5% 1/6W	R593	1-247-841-00	CARBON	2.7K 5% 1/6W
R534	1-247-843-00	CARBON	3.3K 5% 1/6W	R594	1-247-875-00	CARBON	68K 5% 1/6W
R535	1-247-855-00	CARBON	10K 5% 1/6W	R595	1-247-873-00	CARBON	56K 5% 1/6W
R536	1-247-855-00	CARBON	10K 5% 1/6W	R596	1-247-807-00	CARBON	100 5% 1/6W
R537	1-246-465-00	CARBON	470 5% 1/4W	R597	1-247-807-00	CARBON	100 5% 1/6W
R538	1-215-481-31	METAL	330K 1% 1/6W	R598	1-247-852-00	CARBON	7.5K 5% 1/6W
R539	1-247-876-00	CARBON	75K 5% 1/6W	R599	1-215-454-00	METAL	24K 1% 1/6W
R540	1-247-839-00	CARBON	2.2K 5% 1/6W	R601	1-247-843-00	CARBON	3.3K 5% 1/6W
R541	1-247-839-00	CARBON	2.2K 5% 1/6W	R602	1-247-855-00	CARBON	10K 5% 1/6W
R542	1-247-867-00	CARBON	33K 5% 1/6W	R603	1-247-855-00	CARBON	10K 5% 1/6W
R543	1-247-831-00	CARBON	1K 5% 1/6W	R604	1-202-649-15	SOLID	1.5M 5% 1/2W
R544	1-247-831-00	CARBON	1K 5% 1/6W	R605	1-247-854-00	CARBON	9.1K 5% 1/6W
R545	1-247-819-00	CARBON	330 5% 1/6W	R606	1-247-843-00	CARBON	3.3K 5% 1/6W
R546	1-247-875-00	CARBON	68K 5% 1/6W	R607	1-213-137-00	METAL OXIDE	330 5% 1W F
R547	1-247-857-00	CARBON	12K 5% 1/6W	R608	1-213-137-00	METAL OXIDE	330 5% 1W F
R548	1-247-855-00	CARBON	10K 5% 1/6W	R612	1-212-861-11	FUSIBLE	15 5% 1/4W F
R549	1-247-843-00	CARBON	3.3K 5% 1/6W	R613	1-247-829-00	CARBON	820 5% 1/6W
R550	1-247-807-00	CARBON	100 5% 1/6W	*R615	1-246-417-00	CARBON	4.7 1% 1/4W
R551	1-247-873-00	CARBON	56K 5% 1/6W	*R615	1-246-418-11	CARBON	5.1 1% 1/4W
R552	1-247-872-00	CARBON	51K 5% 1/6W	*R615	1-246-419-00	CARBON	5.6 1% 1/4W
R553	1-247-847-00	CARBON	4.7K 5% 1/6W	*R615	1-246-420-11	CARBON	6.2 1% 1/4W
R554	1-247-861-00	CARBON	18K 5% 1/6W	*R615	1-246-422-11	CARBON	7.5 1% 1/4W
R555	1-247-841-00	CARBON	2.7K 5% 1/6W	*R615	1-246-424-00	CARBON	9.1 1% 1/4W
R557	1-247-807-00	CARBON	100 5% 1/6W	*R615	1-246-427-00	CARBON	12 1% 1/4W
R558	1-247-831-00	CARBON	1K 5% 1/6W	R616	1-247-878-00	CARBON	91K 1% 1/6W
R559	1-247-875-00	CARBON	68K 5% 1/6W	R617	1-247-807-00	CARBON	100 5% 1/6W
R561	1-247-807-00	CARBON	100 5% 1/6W	R618	1-246-489-00	CARBON	4.7K 1% 1/4W
R562	1-247-841-00	CARBON	2.7K 5% 1/6W	R619	1-206-660-00	METAL OXIDE	680 5% 2W F
R563	1-247-807-00	CARBON	100 5% 1/6W	R620	1-247-852-00	CARBON	7.5K 5% 1/6W
R564	1-247-852-00	CARBON	7.5K 5% 1/6W	R801	1-247-852-00	CARBON	7.5K 5% 1/6W
R565	1-247-879-00	CARBON	100K 5% 1/6W	R802	1-247-869-00	CARBON	39K 5% 1/6W
R566	1-247-807-00	CARBON	100 5% 1/6W	R804	1-206-746-00	METAL OXIDE	7.5K 5% 3W F
R567	1-247-825-00	CARBON	560 5% 1/6W	R805	1-246-783-00	CARBON	1K 5% 1/8W F
R568	1-247-840-00	CARBON	2.4K 5% 1/6W	R806	1-247-852-00	CARBON	7.5K 5% 1/6W
R569	1-247-831-00	CARBON	1K 5% 1/6W	R808	1-247-799-00	CARBON	47 5% 1/6W
R570	1-247-807-00	CARBON	100 5% 1/6W	R809	1-247-822-00	CARBON	430 5% 1/6W
R571	1-247-831-00	CARBON	1K 5% 1/6W	R810	1-247-819-00	CARBON	330 5% 1/6W
R572	1-247-889-00	CARBON	270K 5% 1/6W	R811	1-247-831-00	CARBON	1K 5% 1/6W
R573	1-247-865-00	CARBON	27K 5% 1/6W	R812	1-212-358-51	METAL OXIDE	0.68 5% 1W F
R574	1-247-835-00	CARBON	1.5K 5% 1/6W	R813	1-247-822-00	CARBON	430 5% 1/6W
R575	1-247-851-00	CARBON	6.8K 5% 1/6W	R814	1-246-483-00	CARBON	2.7K 5% 1/4W
R576	1-247-840-00	CARBON	2.4K 5% 1/6W	R815	1-247-855-00	CARBON	10K 5% 1/6W
R581	1-247-855-00	CARBON	10K 5% 1/6W	R816	1-247-859-00	CARBON	15K 5% 1/6W
R582	1-211-602-00	CARBON	33 5% 1/2W F	R817	1-247-864-00	CARBON	24K 5% 1/6W
R583	1-247-831-00	CARBON	1K 5% 1/6W	R818	1-213-159-00	METAL OXIDE	22K 5% 1W F
R584	1-247-878-00	CARBON	91K 5% 1/6W	R819	1-247-012-00	CARBON	1K 5% 1/4W F
R585	1-212-992-00	FUSIBLE	270 5% 1/2W F	R820	1-247-659-00	CARBON	68 5% 1/4W F
R586	1-246-507-00	CARBON	27K 5% 1/4W	R821	1-213-129-00	METAL OXIDE	68 5% 1W F
R587	1-246-497-00	CARBON	10K 5% 1/4W	R822	1-206-664-00	METAL OXIDE	1K 5% 2W F
				R823	1-206-660-00	METAL OXIDE	680 5% 2W F




<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>
R825	1-244-925-00	CARBON	150K 5% 1/2W	RV804	1-228-577-00	RES, ADJ, CARBON 220	
R828	1-244-923-00	CARBON	120K 5% 1/2W			<u>RELAY</u>	
R828A	1-244-923-00	CARBON	120K 5% 1/2W	RY501	1-515-323-00	RELAY	
R829	1-214-752-00	METAL	9.1K 1% 1/4W	RY801	1-515-357-00	RELAY	
R829A	1-214-879-00	METAL	4.3K 1% 1/2W	RY802	1-515-307-00	RELAY	
R829B	1-214-880-00	METAL	4.7K 1% 1/2W			<u>SPARK GAP</u>	
R830	1-247-614-00	CARBON	3.3K 5% 1/8W	S6801	1-519-063-XX	DISCHARGING GAP	
R831	1-213-143-00	METAL OXIDE	1K 5% 1W F			<u>TRANSFORMER</u>	
R832	1-247-840-00	CARBON	2.4K 5% 1/6W	T501 A	1-427-512-11	TRANSFORMER, INPUT/OUTPUT	
R833	1-247-662-00	CARBON	560 5% 1/4W F	T801	1-437-090-00	HDT	
R834	1-244-861-00	CARBON	330 5% 1/2W	T803 A	1-421-583-11	TRANSFORMER, FERRITE (HPCT)	
R835	1-247-867-00	CARBON	33K 5% 1/6W				
R838	1-247-840-00	CARBON	2.4K 5% 1/6W				
R839	1-247-855-00	CARBON	10K 5% 1/6W				
R840	1-247-838-00	CARBON	2K 5% 1/6W				
R841	1-247-824-00	CARBON	510 5% 1/6W				
R842	1-247-839-00	CARBON	2.2K 5% 1/6W				
R843	1-247-889-00	CARBON	270K 5% 1/6W				
R844	1-247-883-00	CARBON	150K 5% 1/6W				
R845	1-247-874-00	CARBON	62K 5% 1/6W				
R847	1-247-851-00	CARBON	6.8K 5% 1/6W				
R848	1-247-857-00	CARBON	12K 5% 1/6W				
R850	1-247-850-00	CARBON	6.2K 5% 1/6W				
R851	1-247-859-00	CARBON	15K 5% 1/6W				
R852	1-247-849-00	CARBON	5.6K 5% 1/6W				
R853	1-247-831-00	CARBON	1K 5% 1/6W				
R854	1-206-745-00	METAL OXIDE	6.8K 5% 3W F				
R855	1-247-873-00	CARBON	56K 5% 1/6W				
R856	1-247-858-00	CARBON	13K 5% 1/6W				
R857	1-217-418-00	FUSIBLE	0.47 5% 1/2W F				
R858	1-217-418-00	FUSIBLE	0.47 5% 1/2W F				
R859	1-247-800-00	CARBON	51 5% 1/6W				
R860	1-247-861-00	CARBON	18K 5% 1/6W				
R861	1-247-890-00	CARBON	300K 5% 1/6W				
R862	1-246-509-00	CARBON	33K 5% 1/4W				
R863	1-247-861-00	CARBON	18K 5% 1/6W				
R864	1-247-867-00	CARBON	33K 5% 1/6W				
R865	1-211-533-00	CARBON	300 5% 1/4W F				
R866	1-247-646-00	CARBON	1 5% 1/4W F				
R869	1-247-831-00	CARBON	1K 5% 1/6W				
R870	1-247-646-00	CARBON	1 5% 1/4W F				
R871	1-247-831-00	CARBON	1K 5% 1/6W F				
R872	1-213-149-00	METAL OXIDE	3.3 5% 1W F				
<u>VARIABLE RESISTOR</u>							
RV501	1-226-136-00	RES, ADJ, CARBON 10K		R401	1-247-855-00	CARBON	10K 5% 1/6W
RV502	1-224-965-00	RES, ADJ, CARBON 470		R402	1-247-868-00	CARBON	36K 5% 1/6W
RV503	1-224-965-00	RES, ADJ, CARBON 470		R403	1-247-839-00	CARBON	2.2K 5% 1/6W
RV504	1-226-774-00	RES, ADJ, METAL GLAZE 47K		R404	1-247-824-00	CARBON	510 5% 1/6W
RV506	1-223-021-00	RES, ADJ, WIREWOUND 1K		R405	1-247-831-00	CARBON	1K 5% 1/6W
RV801	1-228-160-11	RES, ADJ, METAL GLAZE 5K		R406	1-247-831-00	CARBON	1K 5% 1/6W
RV802	1-226-851-00	RES, ADJ, CARBON 10K		R407	1-247-852-00	CARBON	7.5K 5% 1/6W
RV803	1-226-057-00	RES, ADJ, CARBON 22K					
<u>RESISTOR</u>							

NOTE:

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.



<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>								
R408	1-247-831-00	CARBON	1K 5% 1/6W	SP901	1-503-109-00	SPEAKER									
R409	1-247-867-00	CARBON	33K 5% 1/6W	T802	Δ-1-439-308-11	TRANSFORMER ASSY, FLYBACK									
<u>VARIABLE RESISTOR</u>															
RV401	1-228-937-00	VR 20K		V901	Δ-8-738-312-05	CRT (330YB22)									
RV402	1-228-938-00	VR 20K		*****											
RV403	1-228-938-00	VR 20K		ACCESSORIES AND PACKING MATERIALS											
RV404	1-228-938-00	VR 20K		*****											
RV405	1-228-936-00	VR 10K		*****											
RV406	1-228-936-00	VR 10K		*****											
<u>SWITCH</u>								*****							
S401	1-516-970-00	SWITCH, SLIDE		*****											
S402	1-516-970-00	SWITCH, SLIDE		*****											
S403	1-516-970-00	SWITCH, SLIDE		*****											
S404	1-554-118-00	SWITCH, PUSH		*****											
S405	1-554-405-00	SWITCH, PUSH (5 KEY)		*****											
*****								*****							
<u>MISCELLANEOUS</u>								*****							
Δ-1-162-142-21	CAP BLOCK, HIGH VOLTAGE			*****											
Δ-1-228-482-12	RESISTOR ASSY, HIGH-VOLTAGE			*****											
1-452-032-00	MAGNET, DISK ; 10MM Ø			*****											
1-452-094-00	MAGNET, ROTATABLE DISK ; 15MM Ø			*****											
1-452-146-00	MAGNET, BMC			*****											
Δ-1-452-214-12	CRT NECK ASSY (H TYPE)			*****											
Δ-1-509-779-00	6P CONNECTOR ASSY			*****											
Δ-1-551-604-00	CONNECTOR ASSY, MINIATURE 3P			*****											
Δ-1-551-793-00	CONNECTOR ASSY (L) 2P			*****											
Δ-1-551-854-00	CONNECTOR ASSY 1P			*****											
Δ-1-555-014-00	CONNECTOR ASSY MINIATURE 3P			*****											
Δ-1-555-200-00	CONNECTOR ASSY (2.5MM) 4P			*****											
Δ-1-555-345-00	CONNECTOR ASSY (2.5MM) 2P			*****											
Δ-1-555-348-00	CONNECTOR, MINIATURE 1P			*****											
Δ-1-555-707-00	CONNECTOR ASSY (2.5MM) 10P			*****											
Δ-1-555-957-00	CONNECTOR ASSY (2.5MM) 2P			*****											
Δ-1-555-962-00	CONNECTOR ASSY (2.5MM) 5P			*****											
Δ-1-555-965-00	CONNECTOR ASSY (2.5MM) 5P			*****											
Δ-1-555-973-00	CONNECTOR ASSY (LARGE) 4P			*****											
Δ-1-556-016-00	CONNECTOR ASSY (2.5MM) 3P			*****											
Δ-1-556-018-00	CONNECTOR ASSY (2.5MM) 3P			*****											
Δ-1-556-148-00	CONNECTOR ASSY, MINIATURE 3P			*****											
Δ-1-556-584-00	CONNECTOR ASSY (2.5MM) 2P			*****											
Δ-1-556-585-00	CONNECTOR ASSY (2.5MM) 2P			*****											
Δ-1-556-671-00	CONNECTOR ASSY (2.5MM) 8P			*****											
Δ-1-556-855-00	CONNECTOR ASSY (2.5MM) 12P			*****											
L901	Δ-1-451-160-32	DEFLECTION YOKE (SY-97)		*****											
L902	Δ-1-426-086-12	COIL, DEGAUSSING		*****											
L903	Δ-1-426-086-12	COIL, DEGAUSSING		*****											
S901	Δ-1-553-225-12	SWITCH, PUSH (POWER)		*****											

NOTE:

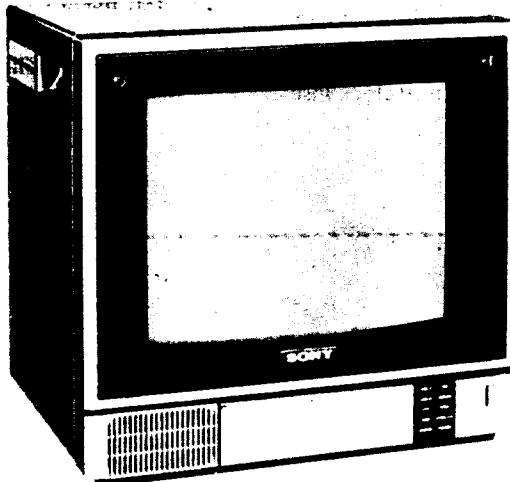
The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

PVM-1370QM

ADJUSTMENT MANUAL

AEP Model

Chassis No. SCC-473A-A



January, 1984

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MICROFILM

TRINITRON®
COLOR MONITOR
SONY®

MON

SECTION 1

SETUP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed.

Controls and switch should be set as follows unless otherwise noted:

BRT, CONTR controls fully clockwise

Make the following adjustments in the order follows given:

- 1-1. Beam Landing.
- 1-2. Convergence.
- 1-3. White Balance.

Note: Test Equipment Required

1. Color-bar/pattern generator
2. Degausser
3. Video tuner.

1-1. BEAM LANDING

Preparation:

- Before starting, degauss the entire screen.
1. Loosen deflection yoke screw.
 2. Remove deflection yoke spacers.
 3. Adjust purity control to center the slide between two projections as shown in Fig. 1-1.
 4. Slide deflection yoke as far forward as it will go.
 5. Apply crosshatch pattern signal to VIDEO IN/OUT connector through video tuner.
 6. Turn RED CUT OFF VR (RV705) MAX and GREEN and BLUE CUT OFF VR (RV703) (RV701) MIN.
 7. Turn purity control to center vertical red band as shown in Fig. 1-2.
 8. Slide deflection yoke back for a uniform red screen.
 9. Check green and blue rasters for uniformity. Repeat the steps 6, 7 and 8.
 10. Turn all CUT OFF VR (RV701, 703, 705) for mechanical CENTER.
 11. Install the deflection yoke spacers.
 12. Tighten the deflection yoke screw.
 13. Check if mislanding appears at corners a-d as shown in Fig. 1-3. If mislanding is observed, correct it as shown in Fig. 1-4.

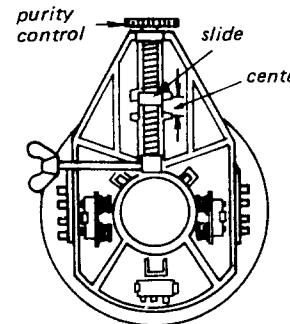


Fig. 1-1

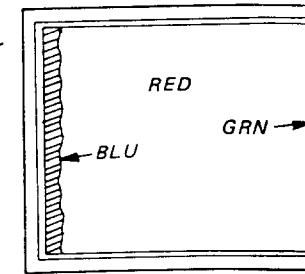


Fig. 1-2

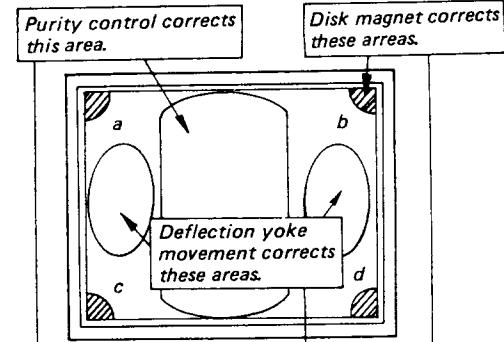


Fig. 1-3

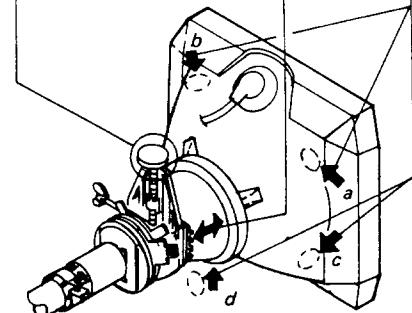


Fig. 1-4

1-2. CONVERGENCE

Preparation:

- Before starting, make FOCUS, H.SIZE, V.SIZE and V.LIN adjustments.
- Turn BRT control fully counterclockwise.
- Feed in the dot pattern.

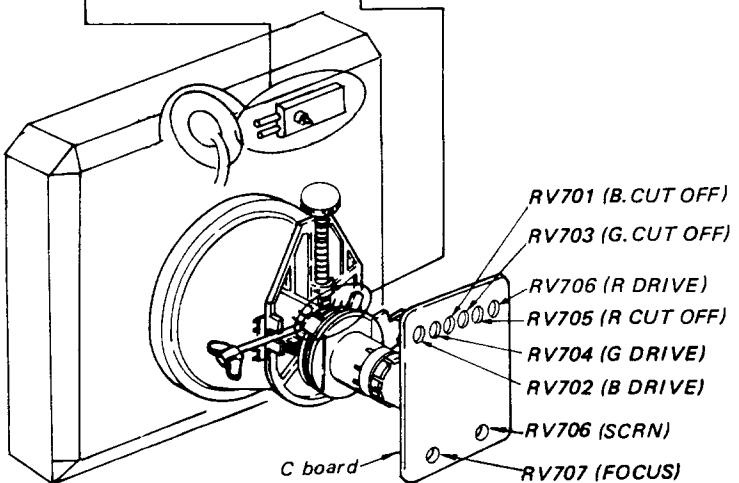
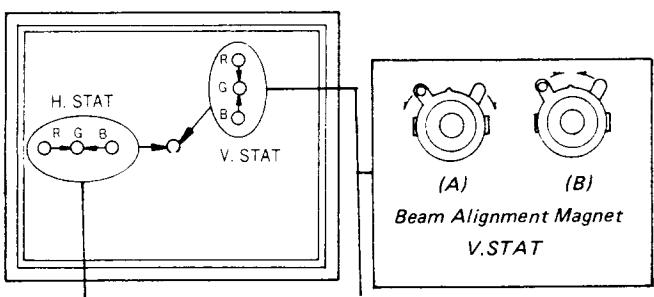
(1) Horizontal Static Convergence and Vertical Static Convergence

If blue dot does not coincide with red and green dots,

Move BMC magnet to correct insufficient H. Static convergence.

Rotate BMC magnet to correct insufficient V. static convergence.

In either case, repeat Beam Landing Adjustment.

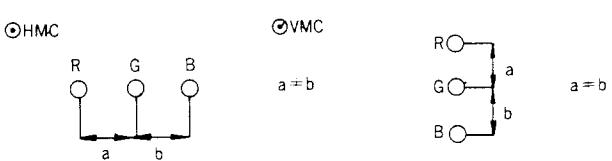


(2) Dynamic Convergence Adjustment

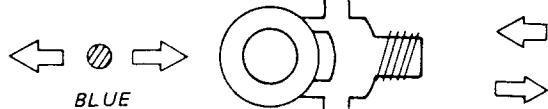
Preparation:

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.

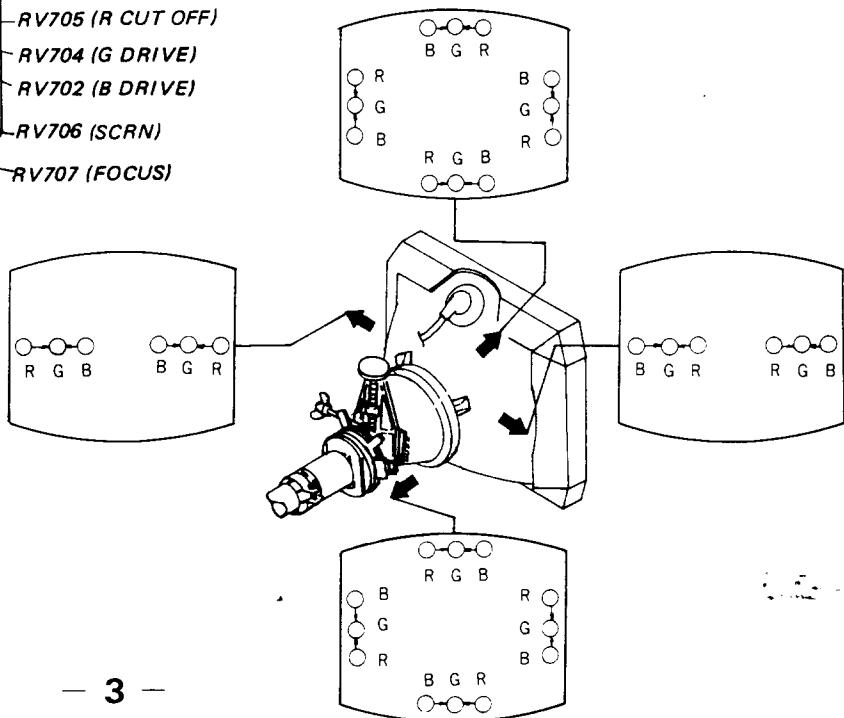
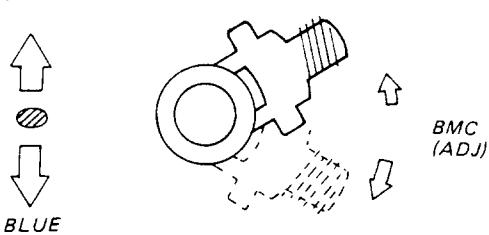
1. Loosen deflection yoke screw.
2. Remove deflection yoke spacers.
3. Move the deflection yoke for best convergence as shown below.
4. Tighten the deflection yoke screw.
5. Install the deflection yoke spacers.



Adjust HMC



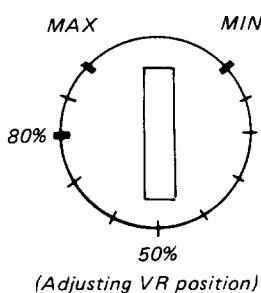
Adjust VMC



1-3. WHITE BALANCE

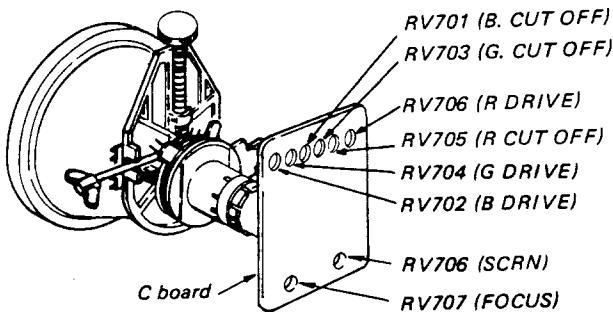
(1) SCREEN (G2)

1. In put a dots pattern.
2. Set the PICTURE control at minimum and turn the BRIGHT control fully counterclock wise.
3. Confirm that BKG voltage is less than 110V dc when turning RV705 (R.BKG), RV703 (G.BKG) and RV701 (B.BKG).
4. Note the color which becomes visible first when turning RV706 (SCREEN VR).



(2) WHITE BALANCE

1. Input a cross-hatch pattern.
2. Set the PICTURE control to minimum and turn the BRIGHT control click position.
3. Turn RV702 (B.DRIVE) and RV704 (G.DRIVE) fully clockwise.
4. Set RV705 (R.BKG), RV703 (G.BKG) and RV701 (B.BKG) to minimum.
5. Turn RV307 (SUB BRT) slowly to obtain a faintly visible cross-hatch. Note the color that first becomes visible by turning RV307. Do not turn a BKG control for this color.
6. Adjust the other two BKG controls for best white balance (neutral gray) of the faint cross-hatch.
Set the PICTURE control to maximum and turn the BRIGHT control fully clockwise. Observe the screen and adjust the DRIVE controls for best white balance.
7. Repeat steps 1. through 6. several times.



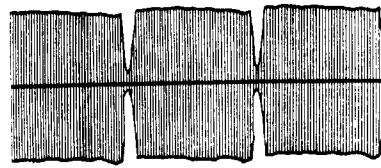
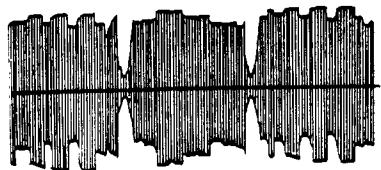
SECTION 2

CIRCUIT ADJUSTMENTS

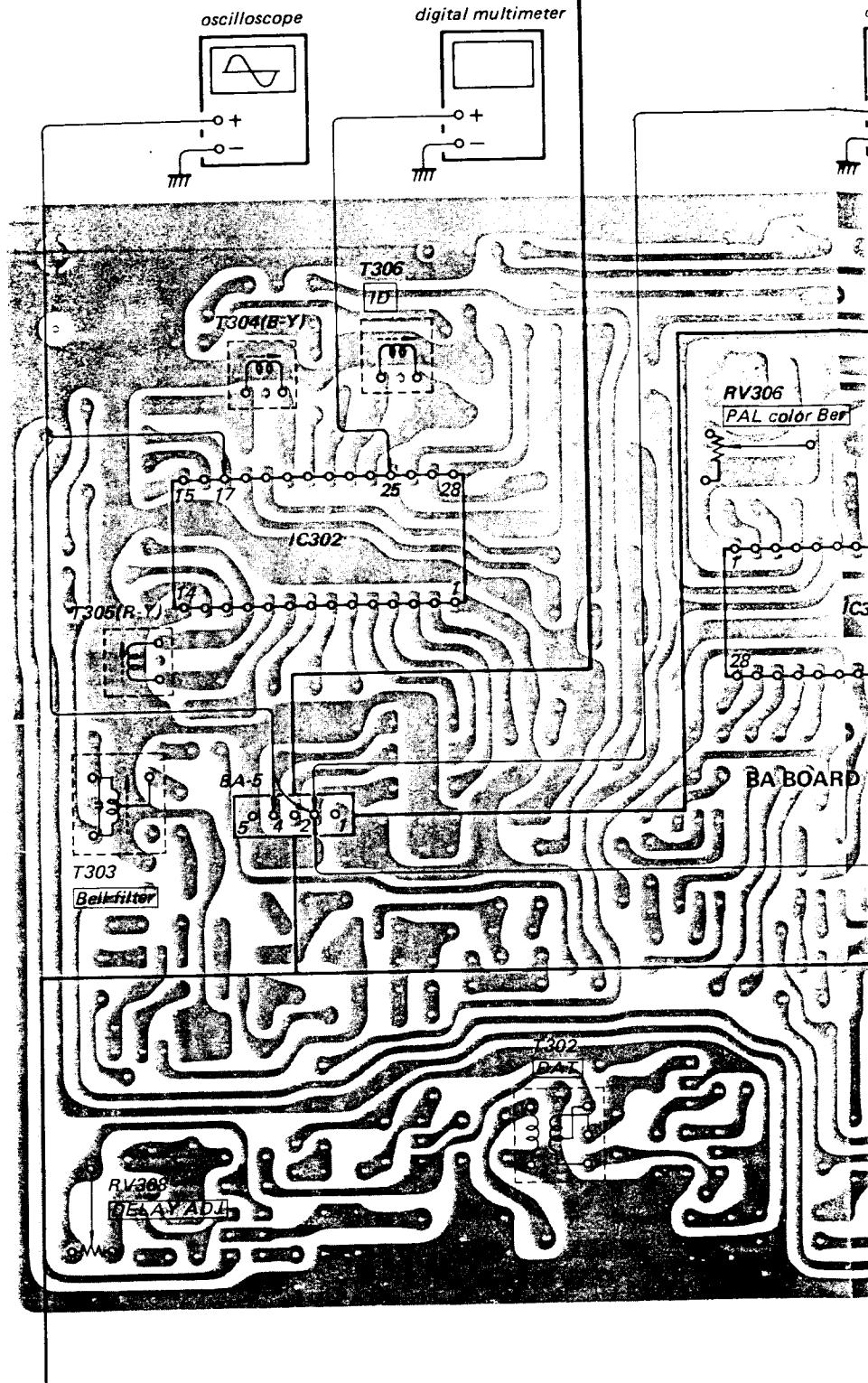
2.1. BA BOARD ADJUSTMENT

SECAM Adjustment

- (1) **Bell Filter Adjustment**
- 1) Input a SECAM color bar.
 - 2) Observe IC302 pin 17 waveform and adjust T303 (bell filter) so that the waveform level is uniform.



- (2) **ID Adjustment (Intermodulation distortion)**
- 1) Input a SECAM color bar.
 - 2) Connect a digital voltmeter between IC302 pin 25 and ground, and adjust T306 so that the digital voltmeter reading is maximum.
- (3) **Color Balance Adjustment**
- 1) Input a SECAM color bar.
 - 2) PICTURE 80%
COLOR 50%
BRT 50%
 - 3) Observe B-5 connector pin 2 (B out) waveform on the oscilloscope and adjust T304 (B-Y) so that the black portion of the color bar is the same level as the pedestal.
 - 4) Observe B-5 connector pin 4 (R out) waveform on the oscilloscope and adjust T305 (R-Y) so that the black portion of the color bar is the same level as the pedestal.

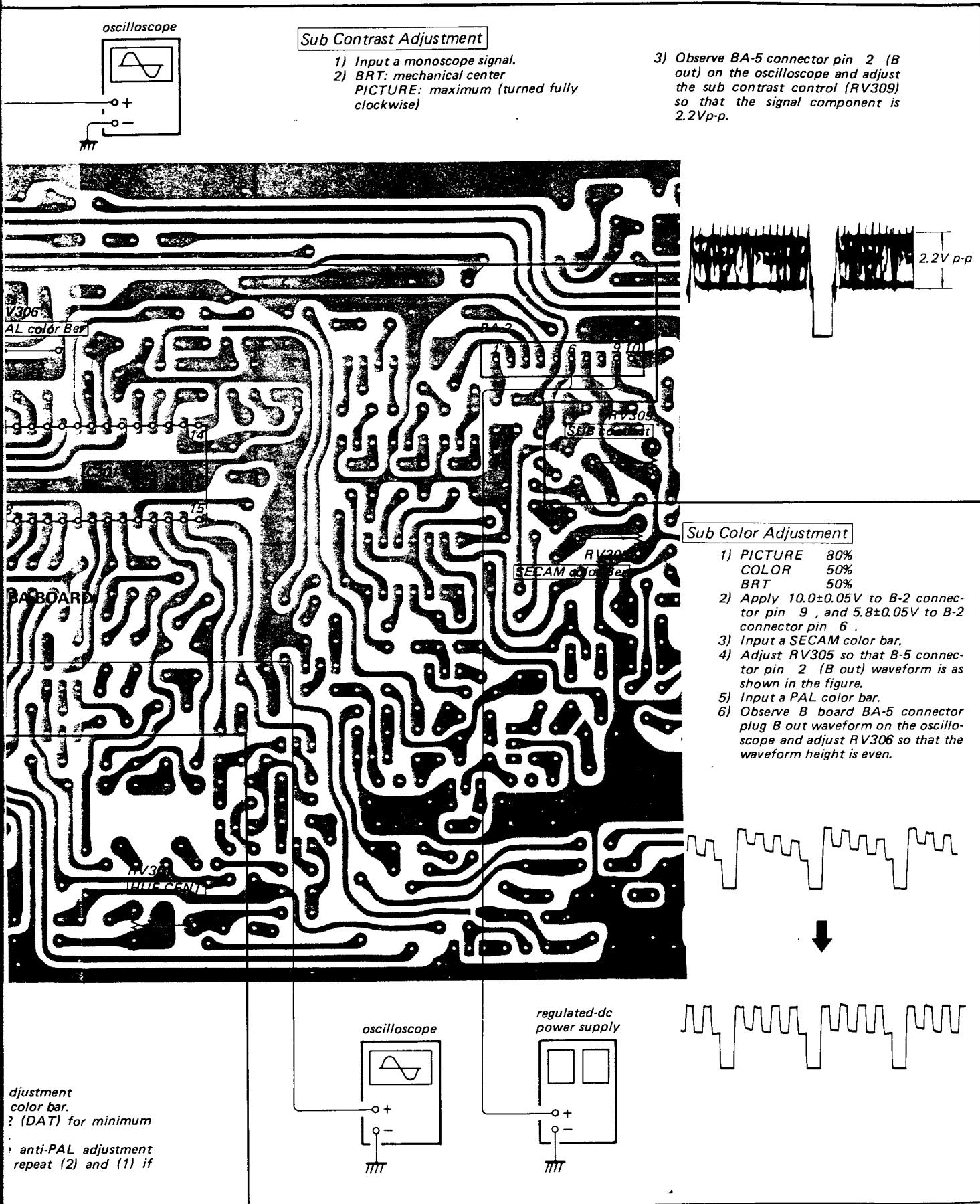


Anti-PAL, Line Crawling Adjustment

- (1) **Anti-PAL Adjustment**
- 1) Input a special color bar.
 - 2) PICTURE 80%
COLOR 50%
BRT 50%

- 3) Confirm that there is no color on the first anti-PAL signal frames at the right and left of the picture. If there is, adjust to remove the anti-PAL color at both sides while tracking with RV301 (HUE CENT) and RV308 (DELAY ADJ).

- (2) **Line Crawling Adjustment**
- 1) Input a PAL color bar.
 - 2) Adjust T302 (DAT) for no line crawling.
 - 3) Confirm the anti-PAL ad in (1), and repeat (2) as necessary.



Chroma Trap Adjustment

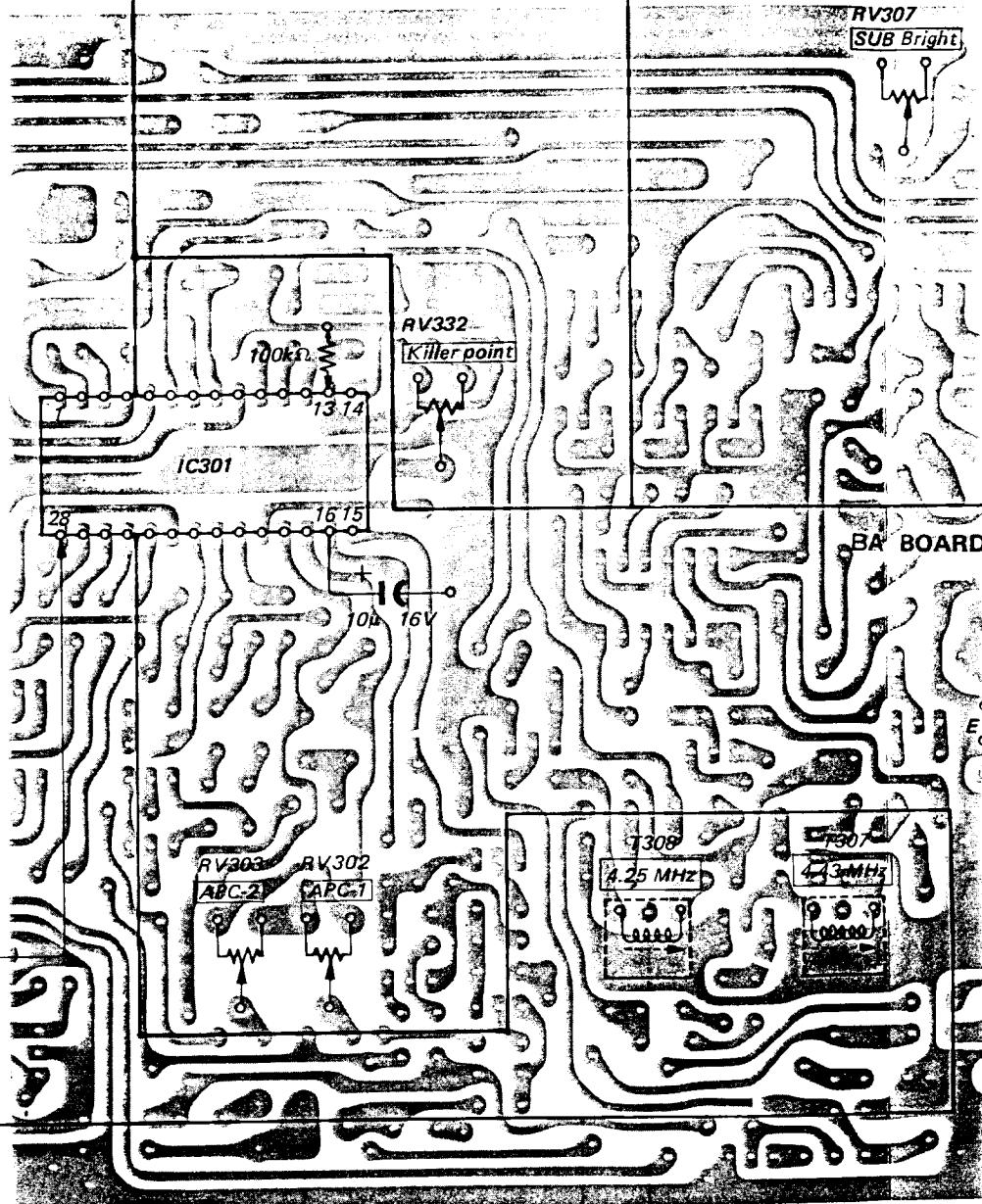
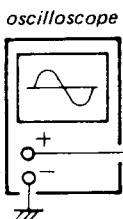
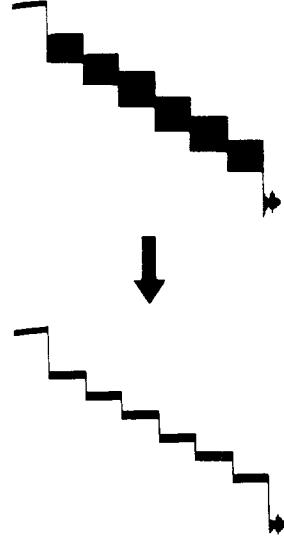
- (1) 4.43 Trap Adjustment
 1) Input a PAL color bar.
 2) Observe IC301 pin 28 waveform on the oscilloscope and adjust T307 for minimum chroma component.
- (2) SECAM Trap Adjustment
 1) Input a SECAM color bar.
 2) Observe IC301 pin 28 waveform on the oscilloscope and adjust T308 for minimum chroma component.

Killer Point Adjustment

Adjust RV332 so that its center point voltage is 8.0 ± 0.1 V.

Sub Bright Adjustment

- 1) Input a monoscope signal.
- 2) Set BRT and PICTURE num (fully counterclockwise)
- 3) Observe BA-5 connector pin out on the oscilloscope at sub bright (RV307) so that level is 2.0V p-p.

**APC Adjustment**

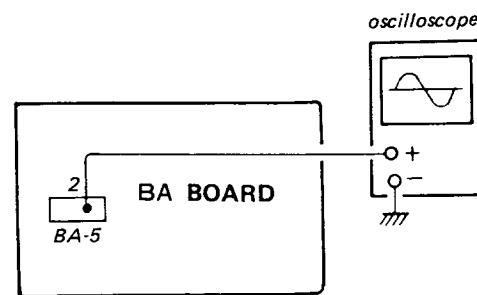
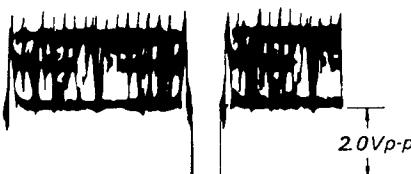
- (1) 4.43 (APC-2) Adjustment
 1) Input a PAL color bar.
 2) Connect a $100k\Omega$ resistor between IC301 pin 13 and ground. (Killer circuit goes off.)
 3) Connect IC303 pin 2 to +B via the $2.2k\Omega$ resistor to get 4.43 mode.

- 4) Ground IC301 pin 16 with a $10\mu/16V$ chemical capacitor and remove color sync.
 5) Adjust RV303 (APC-2) to get color sync.

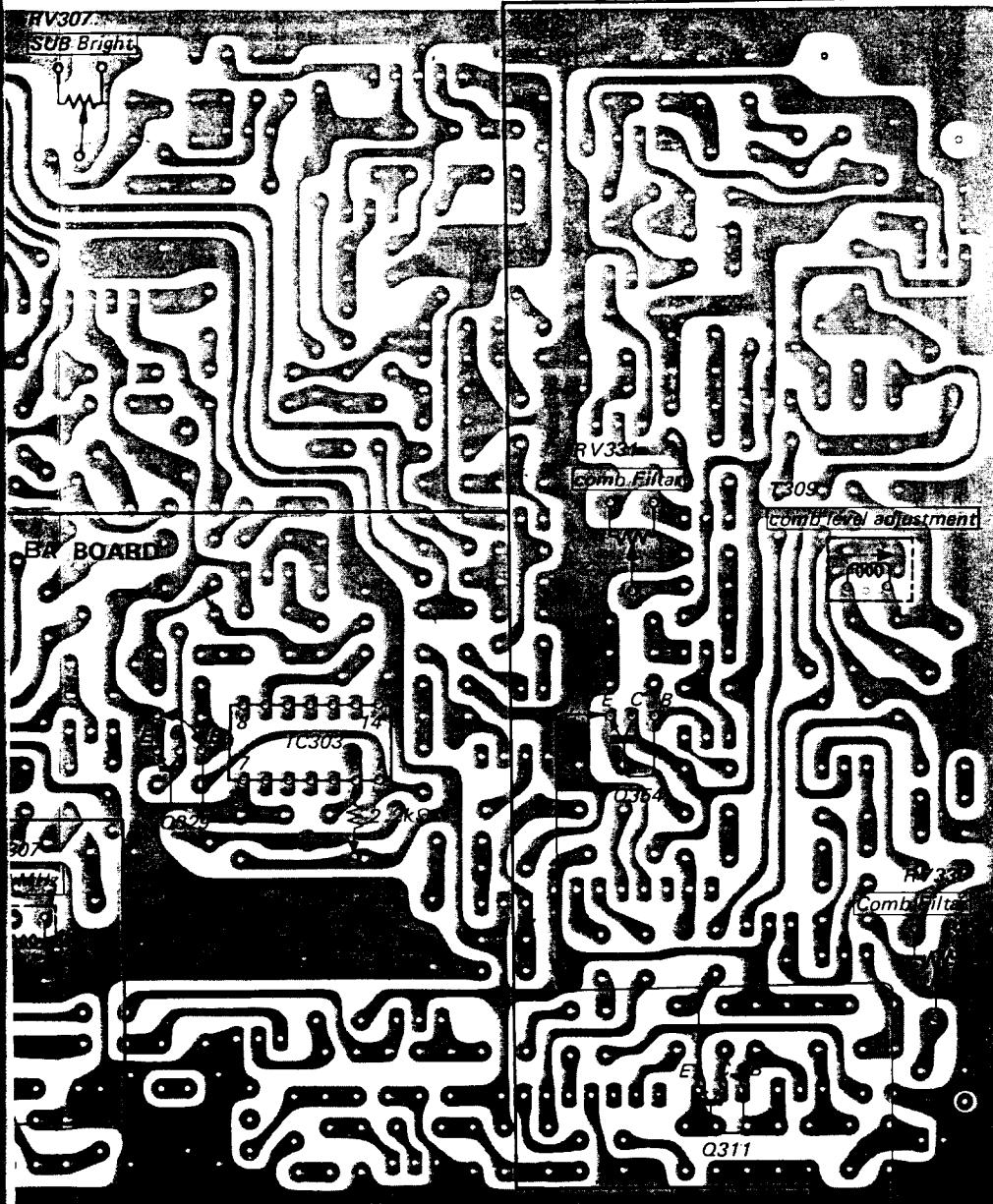
- (2) 3.58 (APC-1) Adjustment
 1) Input a NTSC color bar.
 2) Connect a $100k\Omega$ resistor between IC301 pin 13 and ground. (Killer circuit goes off.)
 3) Ground IC301 pin 16 with a $10\mu/16V$ chemical capacitor and remove color sync.

stment

monoscope signal.
and PICTURE to mini-
mally counterclockwise).
A-5 connector pin 2 (B
the oscilloscope and adjust
(RV307) so that pedestal
0V p-p.

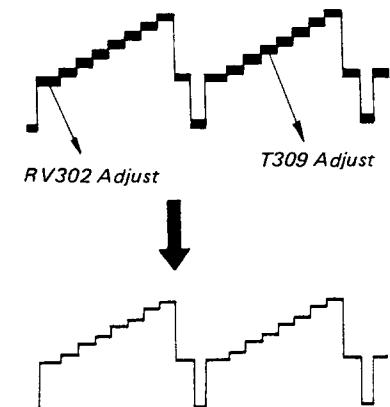


RV307
SUB Bright



Comb Filter Adjustment

- (1) 1H Delay Adjustment
 - 1) Input a NTSC color bar.
 - 2) Observe the Q354 emitter waveform on the oscilloscope, and adjust so that the chroma component is minimum, while tracking with RV330 and T309.

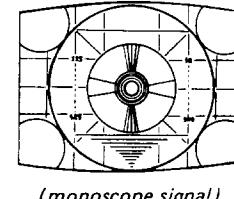
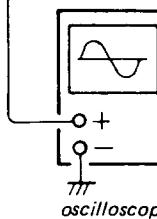


Comb Filter Output Adjustment

- (2) Comb Filter Output Adjustment
 - 1) Input a monoscope signal.
 - 2) Adjust RV331 (comb level adjustment) so that Q354 emitter signal level is the same as Q311 emitter signal level.

Adjustment
SC color bar.
100kΩ resistor between
13 and ground. (Killer
off.)
301 pin 16 with a
chemical capacitor and
sync.

- 4) Ground Q329 base momentarily to get 3.58 mode.
- 5) Adjust RV302 (APC-1) to get color sync.



2-2. D Board Adjustment

Preparation

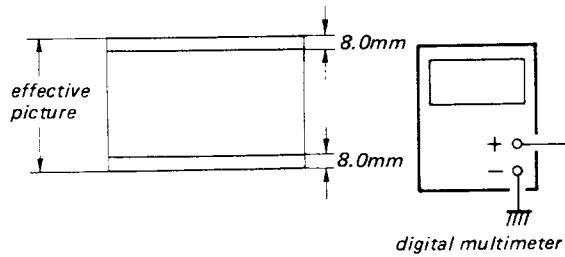
1. Set AFC switch S/F to F (fast mode).
2. Set SCAN switch N/U to N (normal mode).
3. Set SYNC switch INT/EXT to INT (INT mode).

Vertical Deflection Adjustment

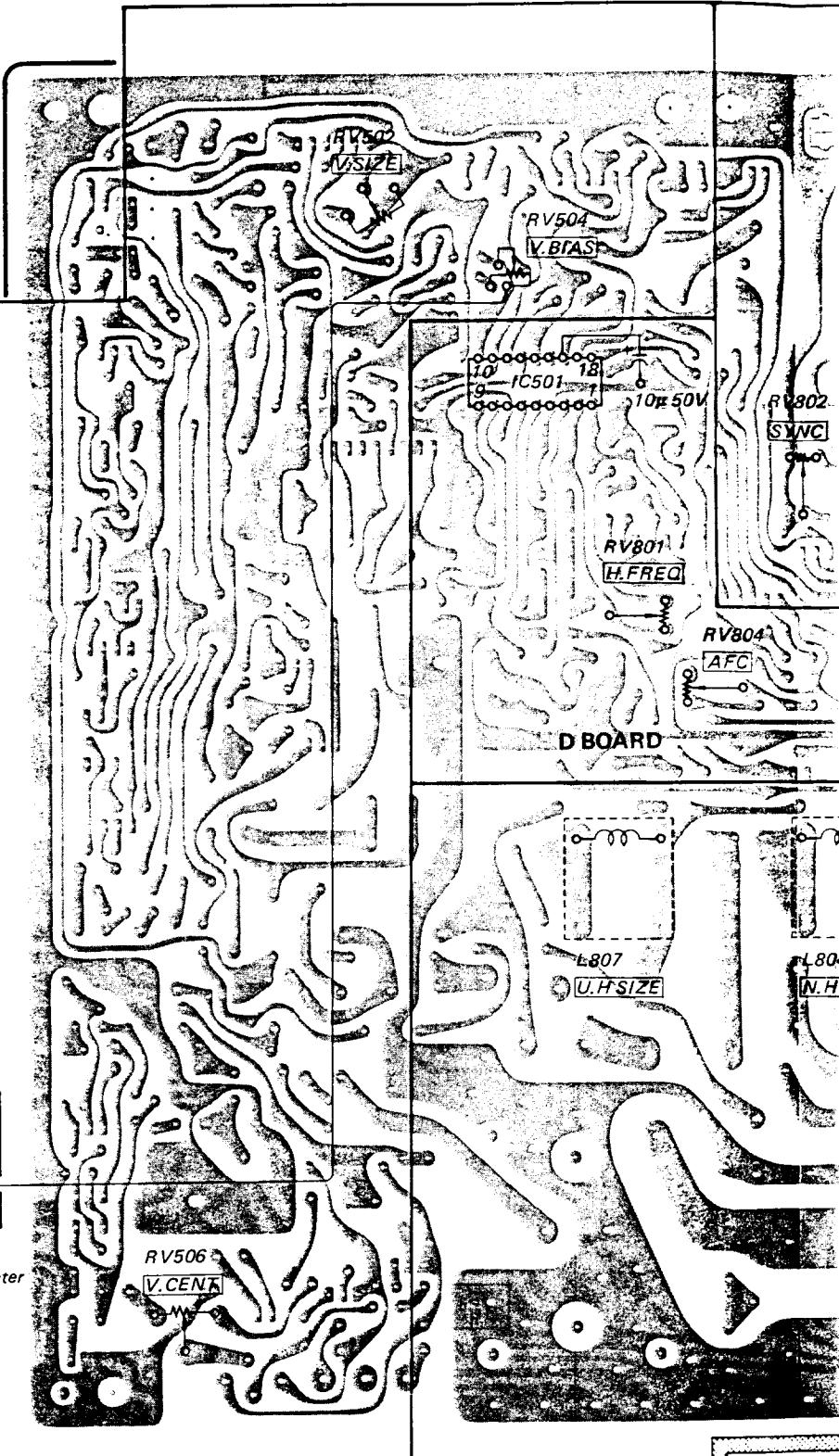
- (1) Input a monoscope signal (NTSC).
- (2) PICTURE 80%
BRT 50%
SCAN N/U SW Normal
- (3) Adjust V BIAS (RV504) so that V bias is 13.0 ± 0.5 V. (Temporarily mount 6.2Ω for R615 △ R.)
- (4) Adjust V CENT (RV506) and adjust so that there are the same number of frames above and below V center when it is at the center.
- (5) Set SCAN switch to under mode.
- (6) Set U.V SIZE (RV502) to mechanical center.
- (7) Select R615 ($\triangle R$) so that vertical direction size is more than 16.5mm and so that none of the four corners of the picture are missing.
(Select after removing the 6.2Ω mounted in (3)).
- (8) Set SCAN switch to normal mode.
- (9) Adjust V BIAS (RV503) so that V bias is 13.0 ± 0.5 V.
- (10) Adjust N.V SIZE (RV503) and V CENT (RV506) to adjust V SIZE.

PVM-1270Q 12 frames for 525
PVM-1370Q monoscope

PVM-1370QM 11.5 frames for 625
monoscope
- (11) Set SCAN switch to U mode.
- (12) Adjust V SIZE during underscan with U.V SIZE (RV502).



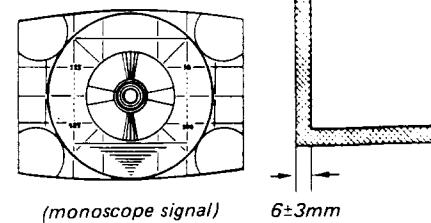
- (13) Input a monoscope signal (PAL) and check that V SIZE (Normal) is about 114 frames.

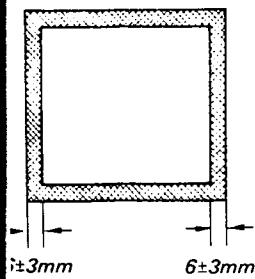
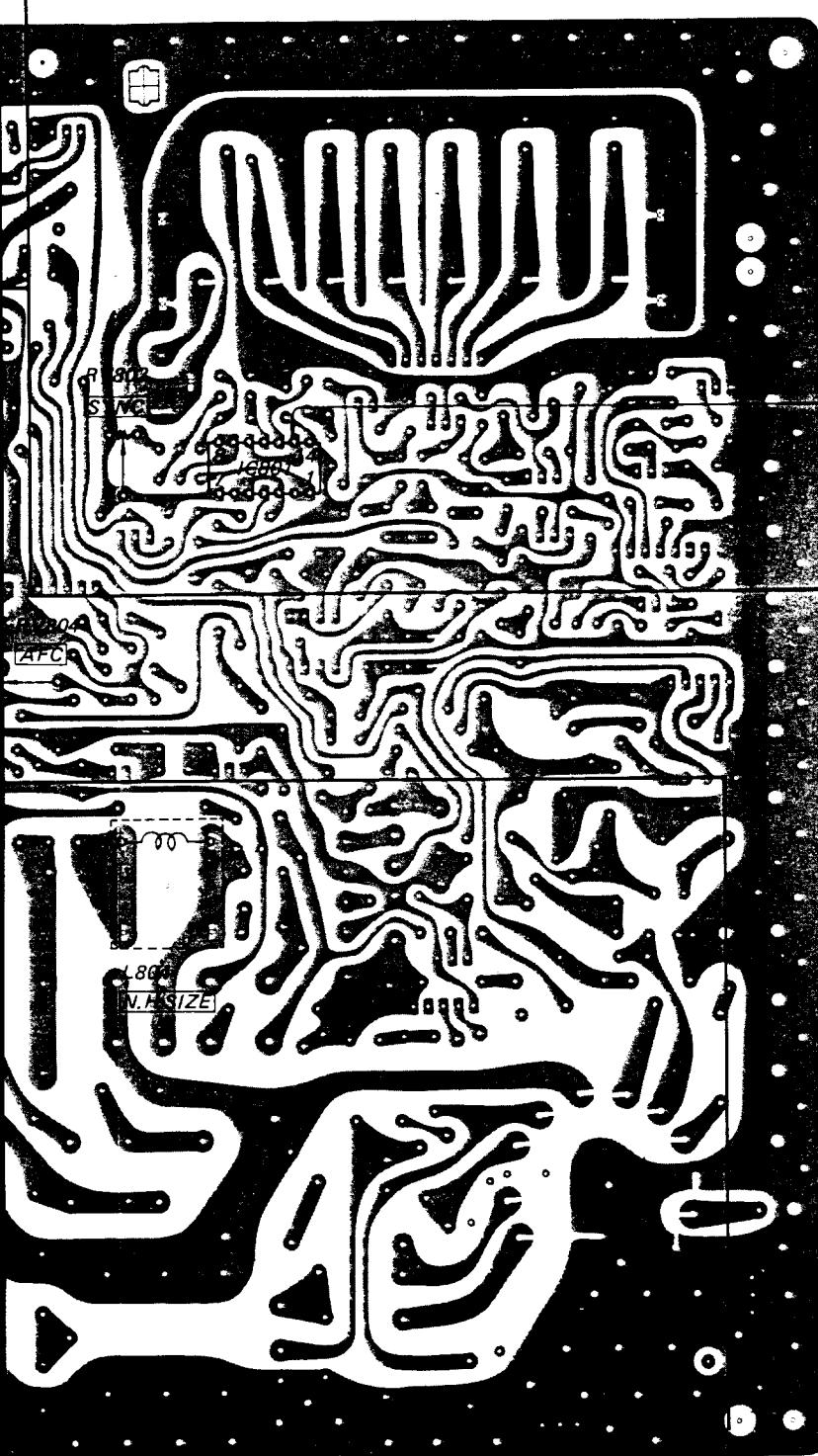


Horizontal Deflection Adjustment

- (1) Input a monoscope signal (NTSC).
- (2) PICTURE 80%
BRT 50%
- (3) Adjust H SIZE to about 15.3 frames with N.H SIZE coil (L804).

- (4) Input a monoscope signal (PAL) and check that N.H SIZE is about 15 frames.
- (5) Set SCAN switch to under mode.
- (6) Adjust H SIZE as shown in the figure with U.H SIZE coil (L807).

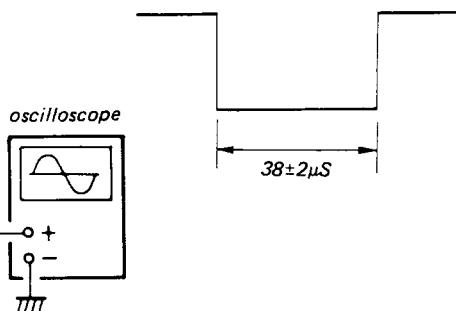




- (7) Receive a monoscope signal (NTSC) and check that horizontal direction picture size is as shown in the figure in (6).

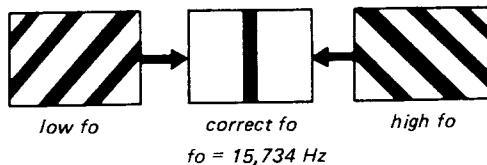
Sync Sep Adjustment

- (1) Input a color bar (NTSC).
- (2) Adjust RV802 so that the IC801 pin 13 waveform is as shown in the figure.



Horizontal Oscillation Frequency Adjustment

- (1) Receive a monoscope signal (NTSC).
- (2) Set AFC switch to fast mode, and the SCAN switch to normal mode.
- (3) PICTURE 80%
BRT 50%
- (4) Make power supply voltage 110V with alternating current stabilized power supply.
- (5) Ground IC501 pin 16 with a 10\u00b5F chemical capacitor.
- (6) Turn the H.FREQ control (RV801) so that the diagonal lines in the picture become vertical.

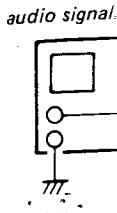
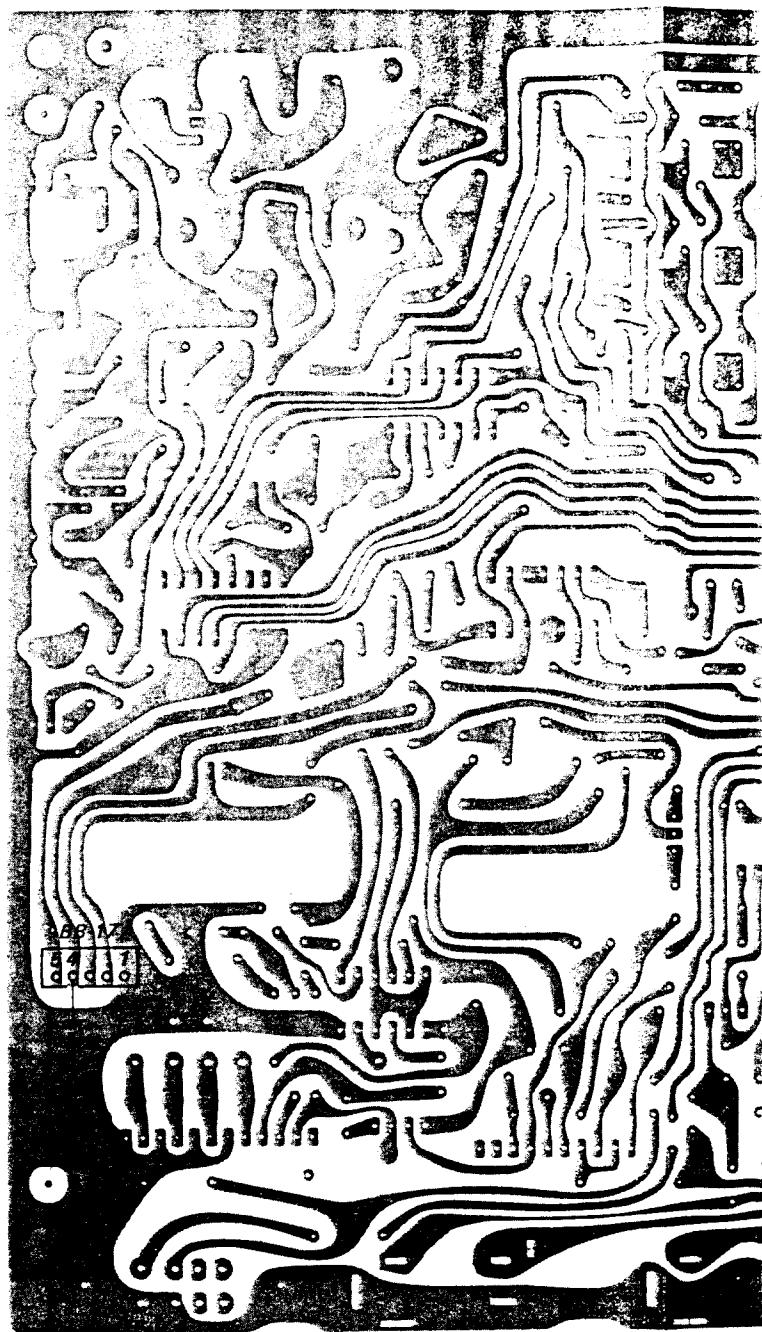
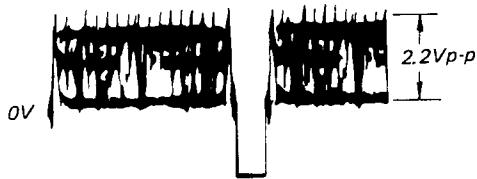


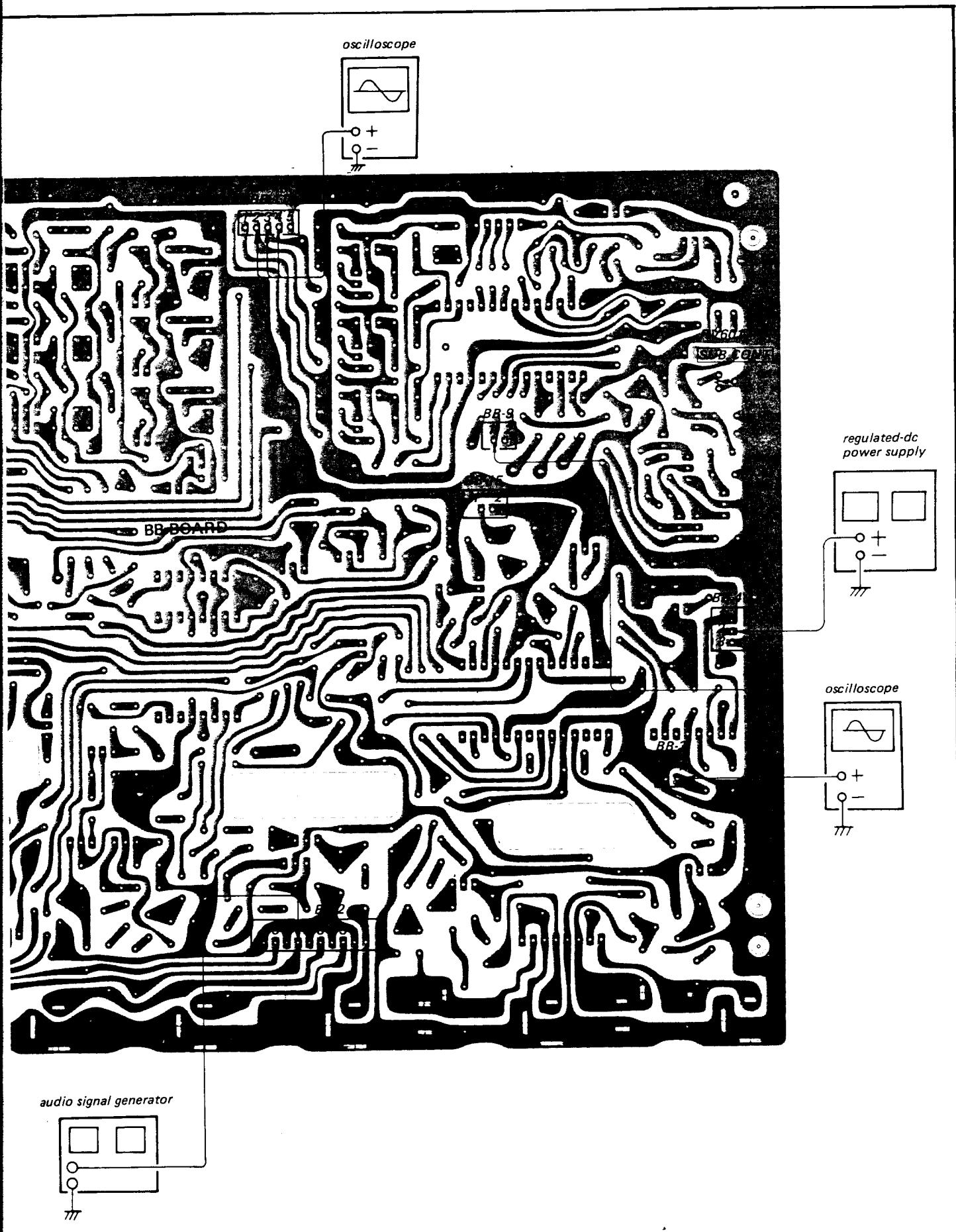
- (7) Receive a monoscope signal (PAL) and check the horizontal oscillation frequency.
- (8) When the AFC switch is set for slow, the picture moves from right to left, so adjust RV804 so that the H.CENT shift amount is within \u00b12mm, with fast as the reference.
(Note: Check for both NTSC and PAL monoscope signals.)

2-3. BB Board Adjustment

RGB Check

- (1) Input a 1Vp-p monoscope signal to BB-2 connector pins 1, 3 and 5. Input a -5dB audio signal to pin 7, and a sync signal (EXT SYNC) with 2Vp-p load to pin 9. (Input BLK and DELAY SYNC (positive pulse) signals, synchronized to the signals input to BB-2, to BB-9 connector pins.)
- (2) Ground BB-17 connector pin 4.
- (3) Check that an audio signal is output at BB-16 connector pin 1.
- (4) Apply +12V to BB-4 connector pin 2, observe the BB-2 connector pin 1 waveform on the oscilloscope and confirm that it is 0.3 ± 0.1 Vp-p.
- (5) Connect BB-11 connector 2 (R), 3 (G) and 4 (B) to the oscilloscope and adjust the signal portion to 2.2Vp-p with RV601 (SUB CONT).
- (6) Check that R, G and B are the same level.





PVM-1370QM

SONY®
SERVICE MANUAL

AEP Model

Chassis No. SCC-473A-A

Serial No. 201,901 and later

June, 1984

SUPPLEMENT-1

SUBJECT: CIRCUIT MODIFICATIONS

1. D2 board have been modified.
2. BA1, BA2, D and F board have been modified.



MICROFILM

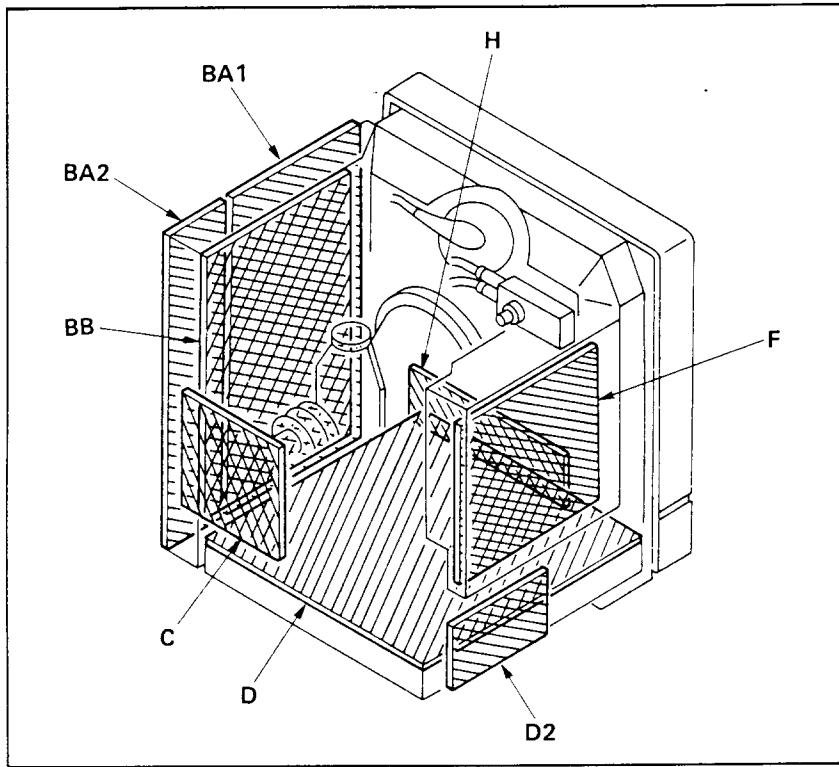
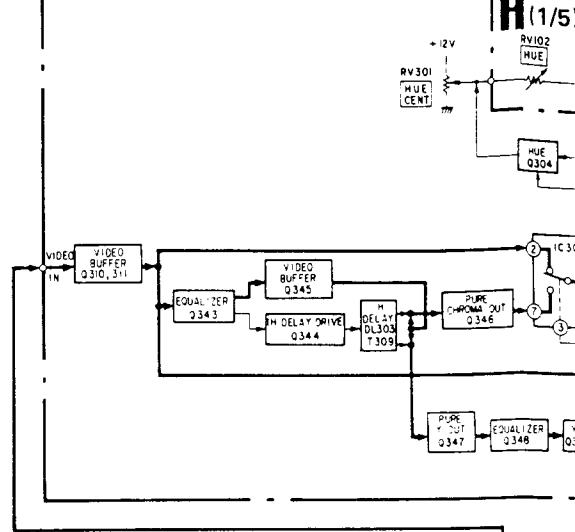
MON

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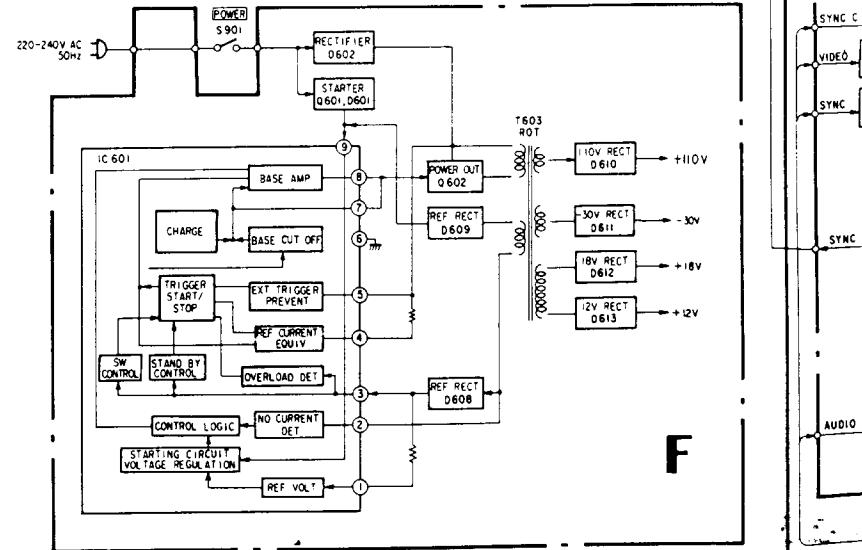
<u>Section</u>	<u>Title</u>	<u>Page</u>	<u>Section</u>	<u>Title</u>	<u>Page</u>
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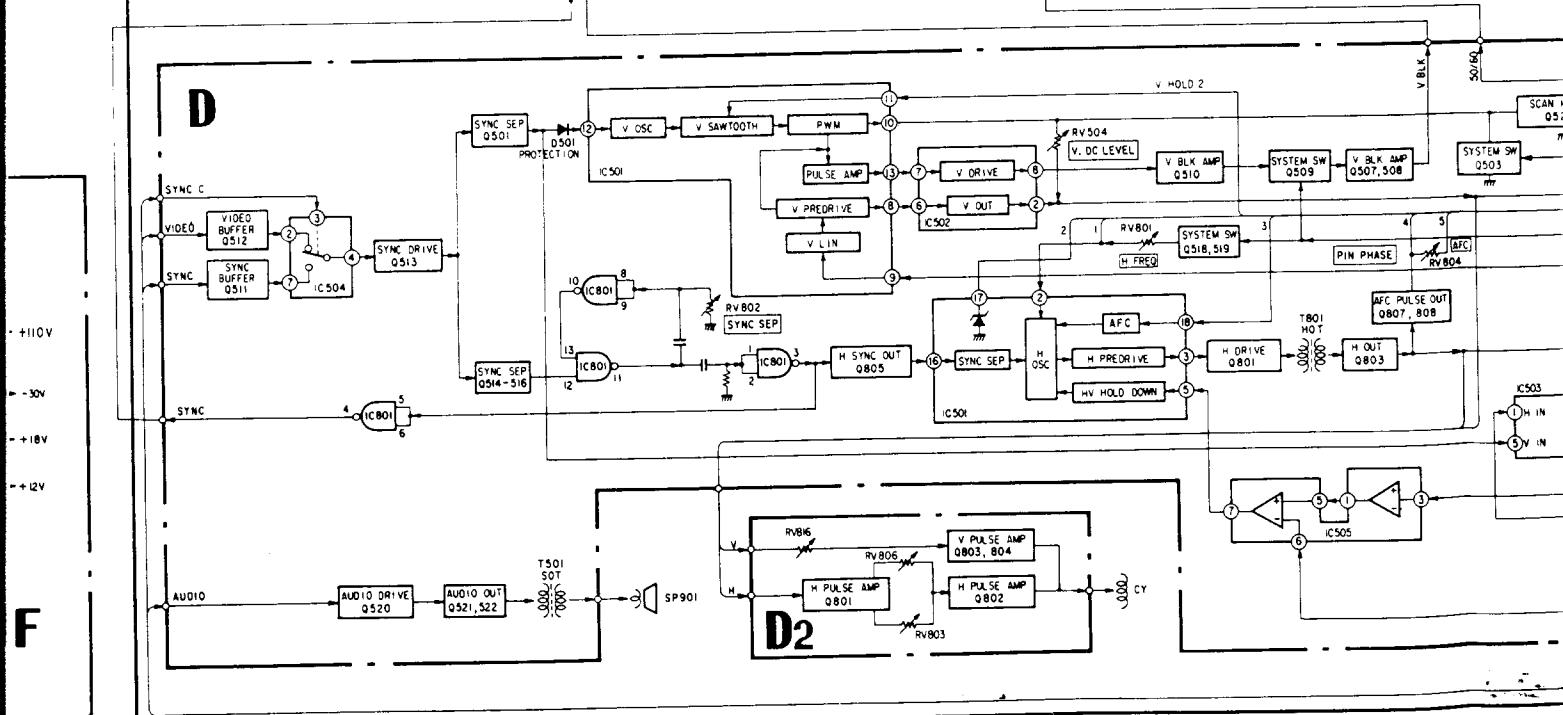
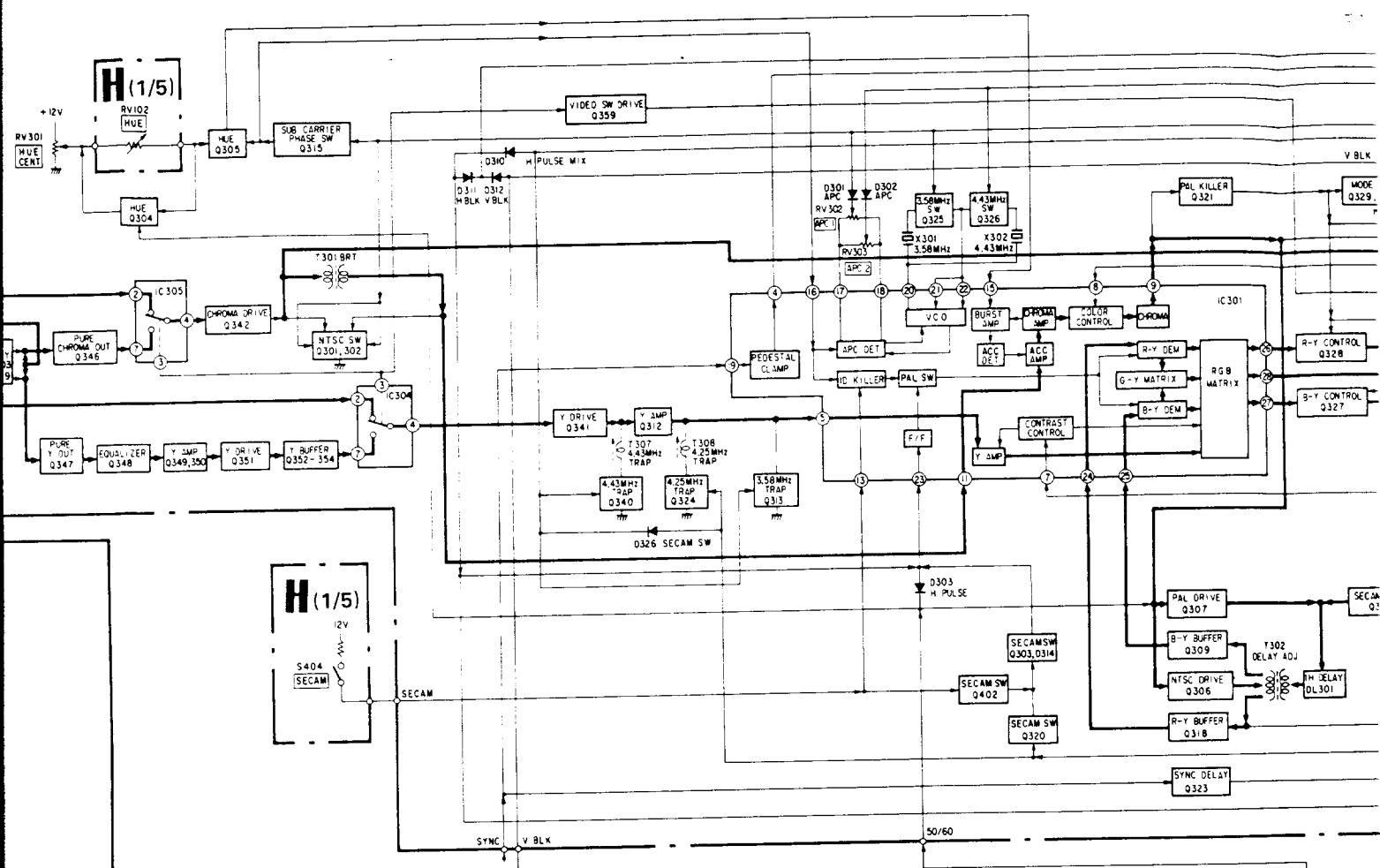
SAFETY-RELATED COMPONENT WARNING !!

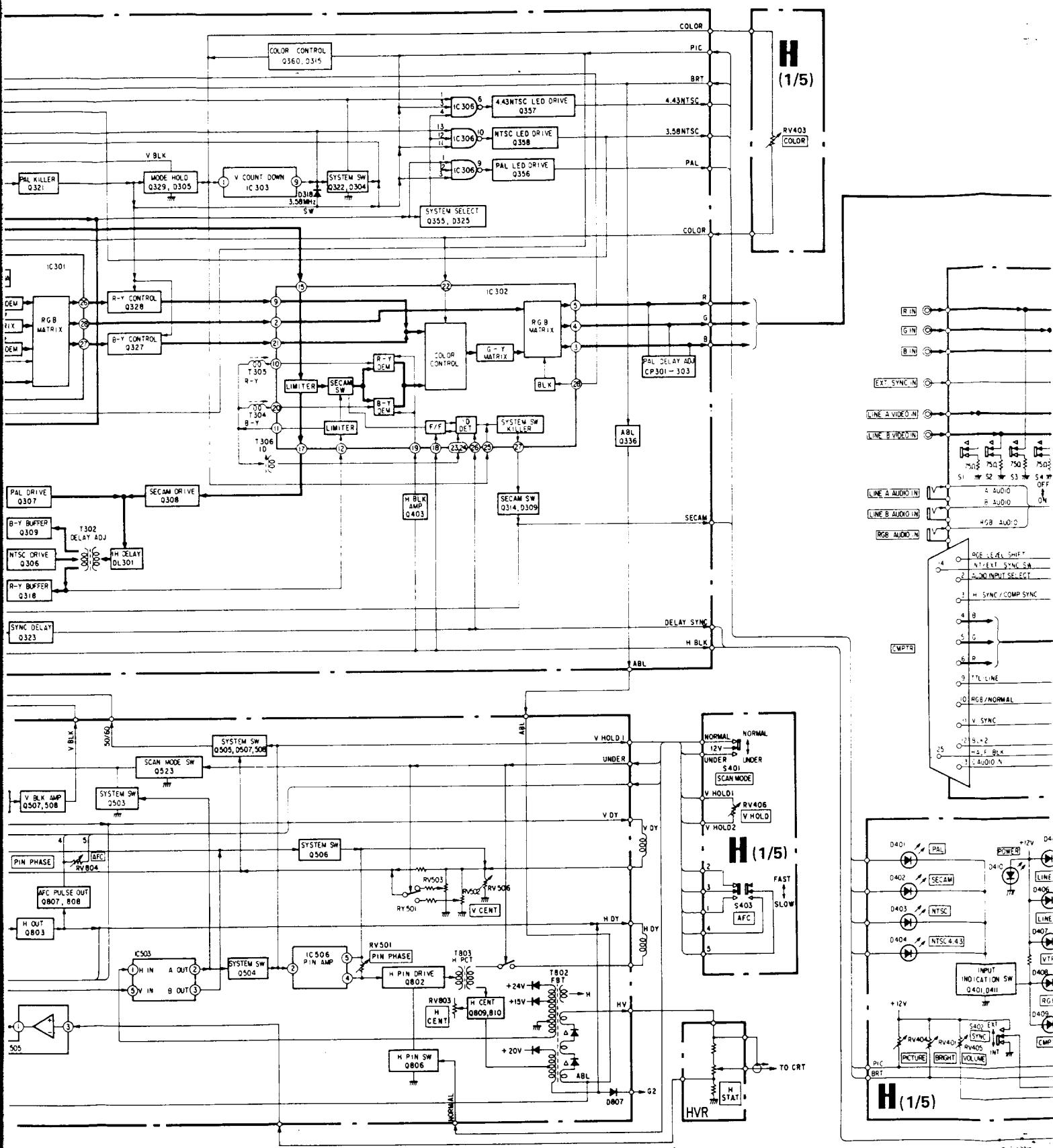
COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

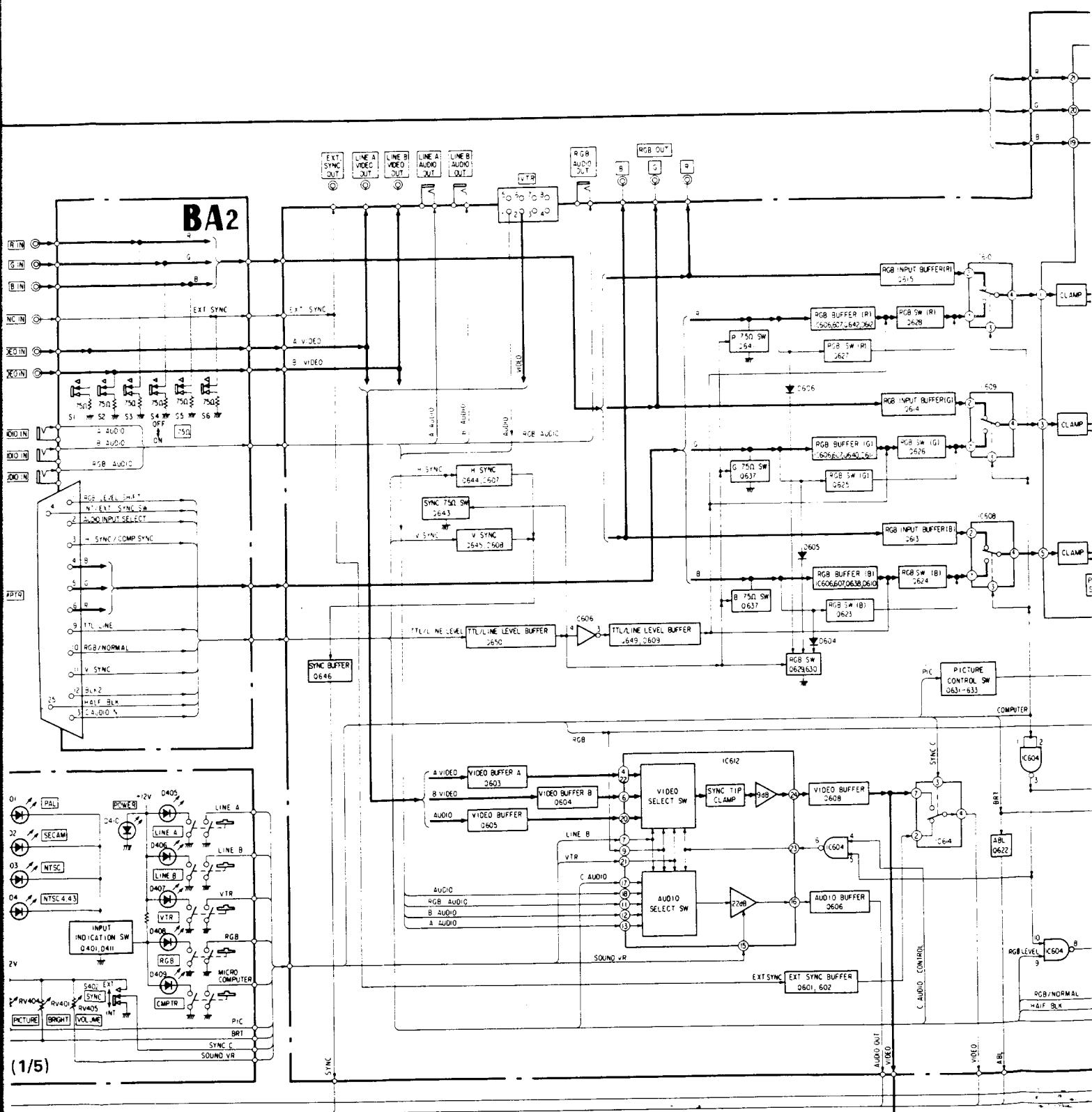
SECTION 1**1-1. CIRCUIT BOARDS LOCATION****1-2. BLOCK DIAGRAM****BA 1**

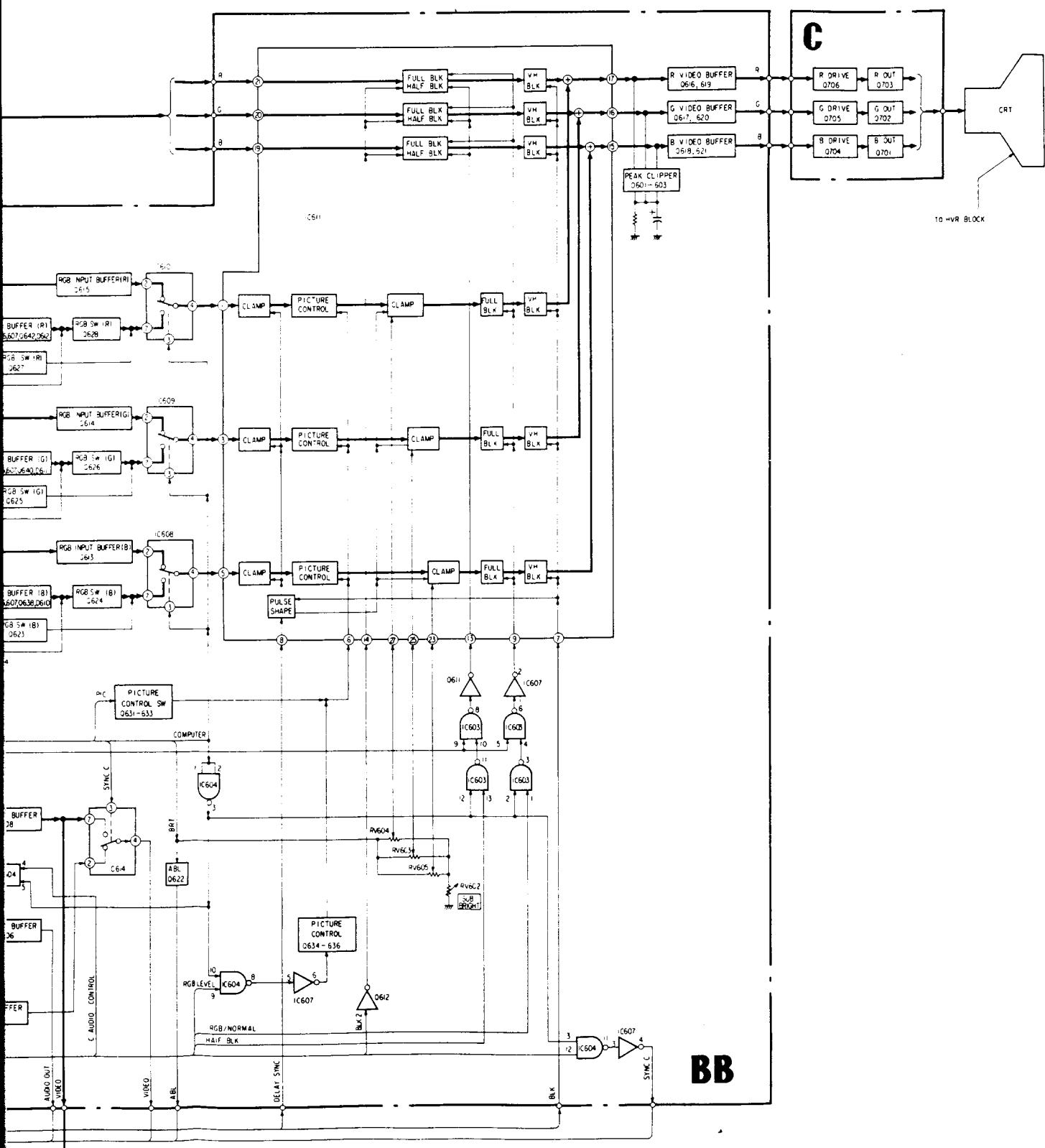
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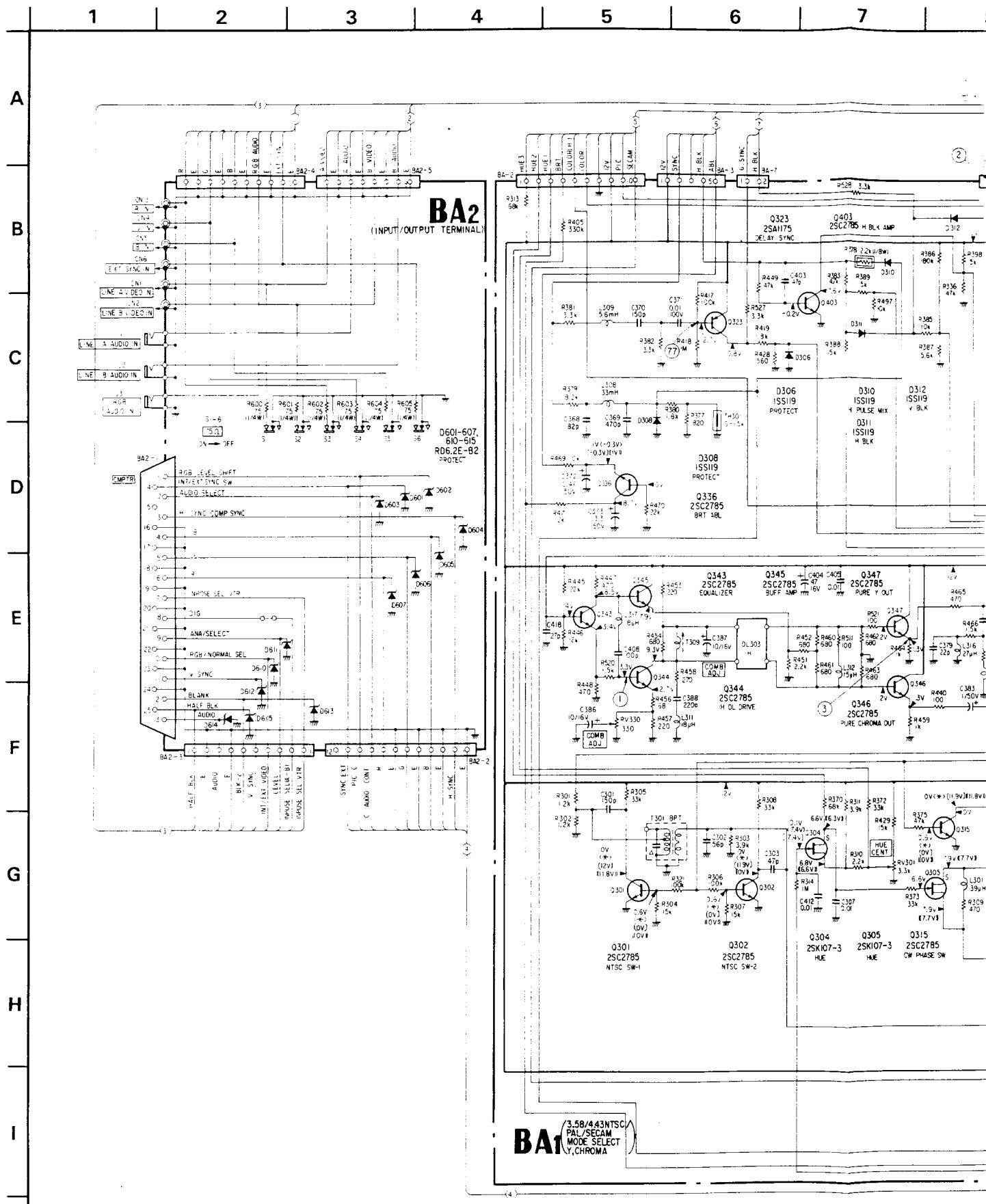




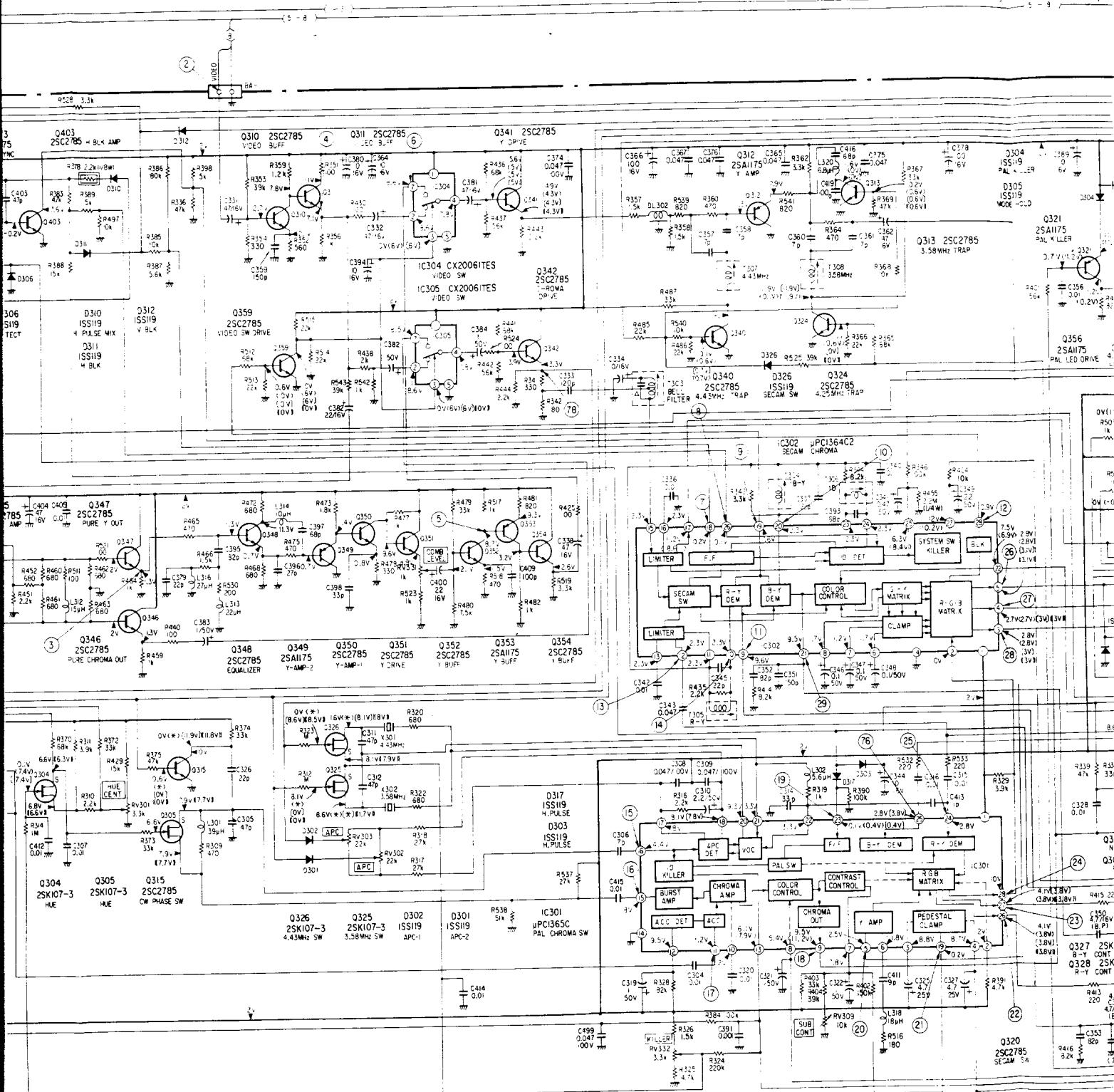




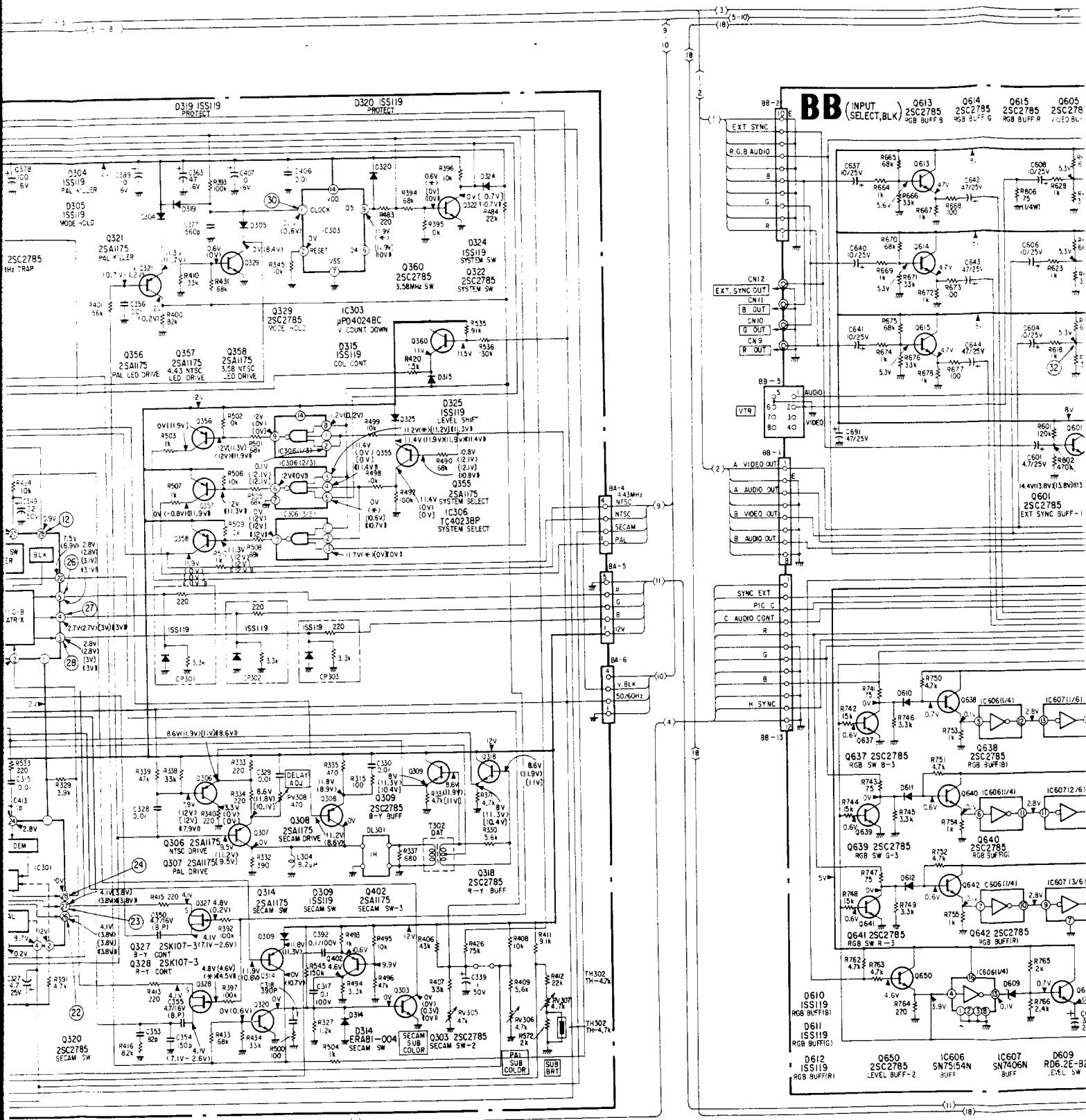
1-3. SCHEMATIC DIAGRAM



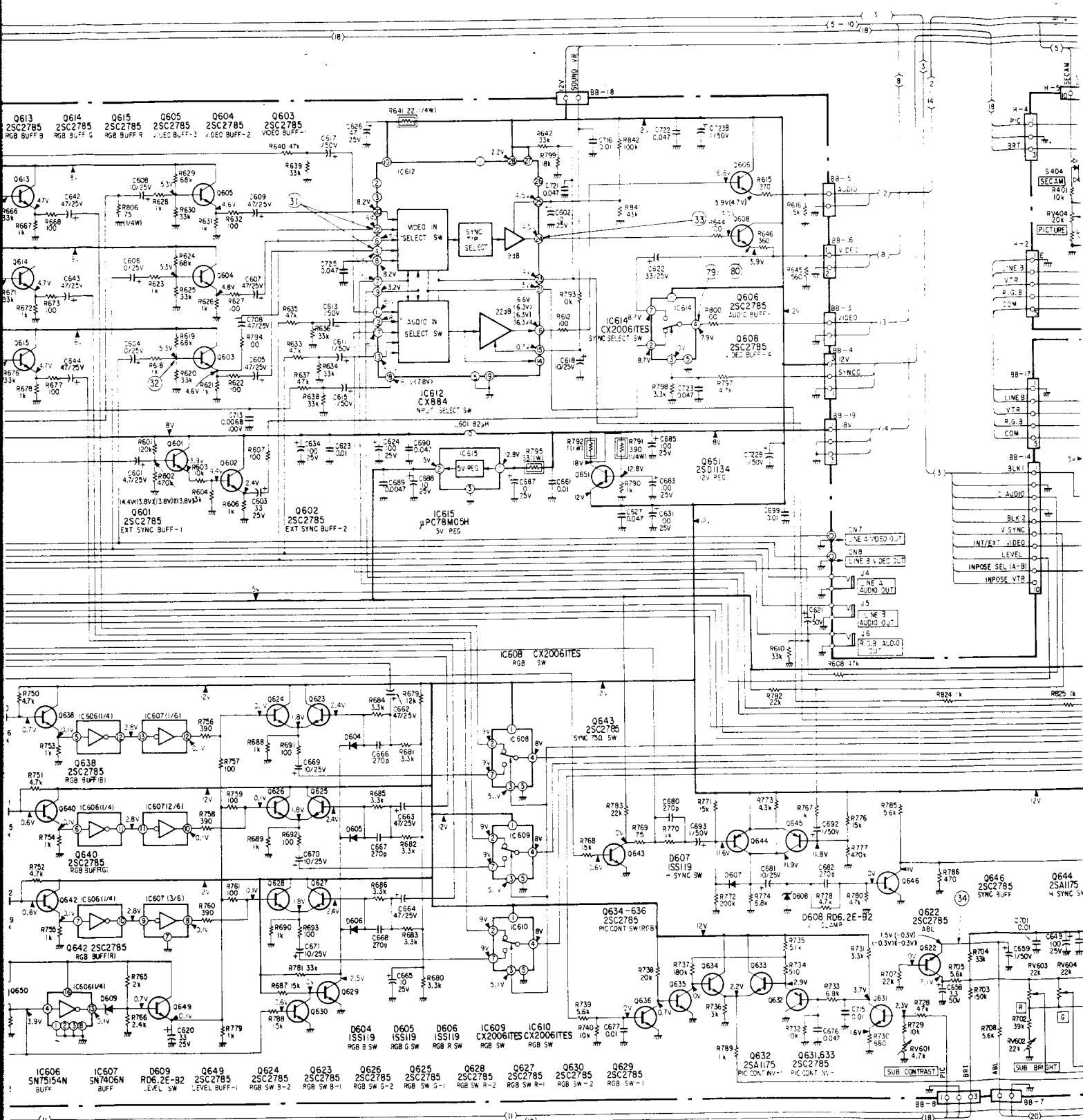
7 8 9 10 11 12 13 14



14 15 16 17 18 19 20 21



21 22 23 24 25 26 27 28



28

29

30

31

32

33

34

35

A

B

C

D

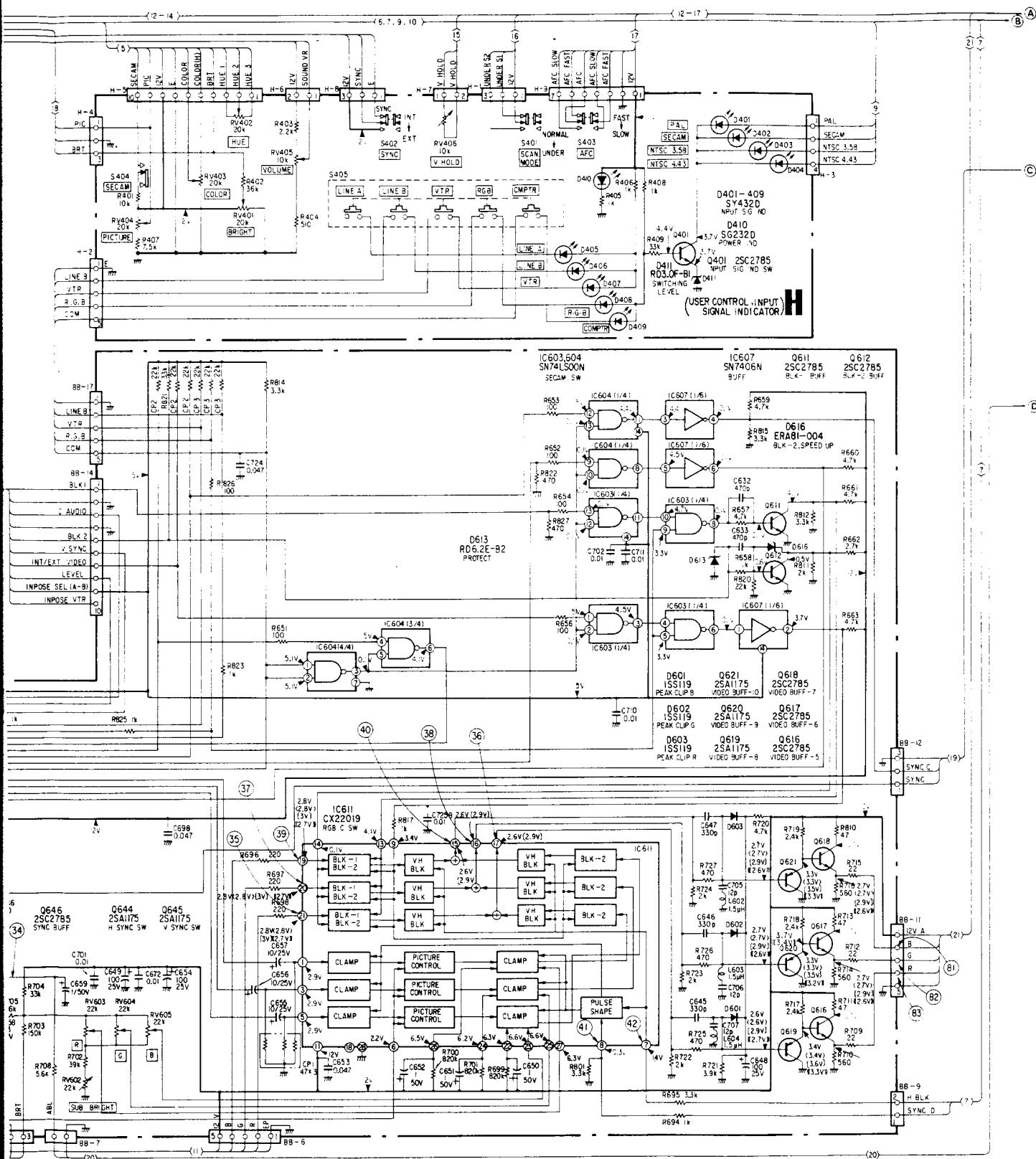
E

F

G

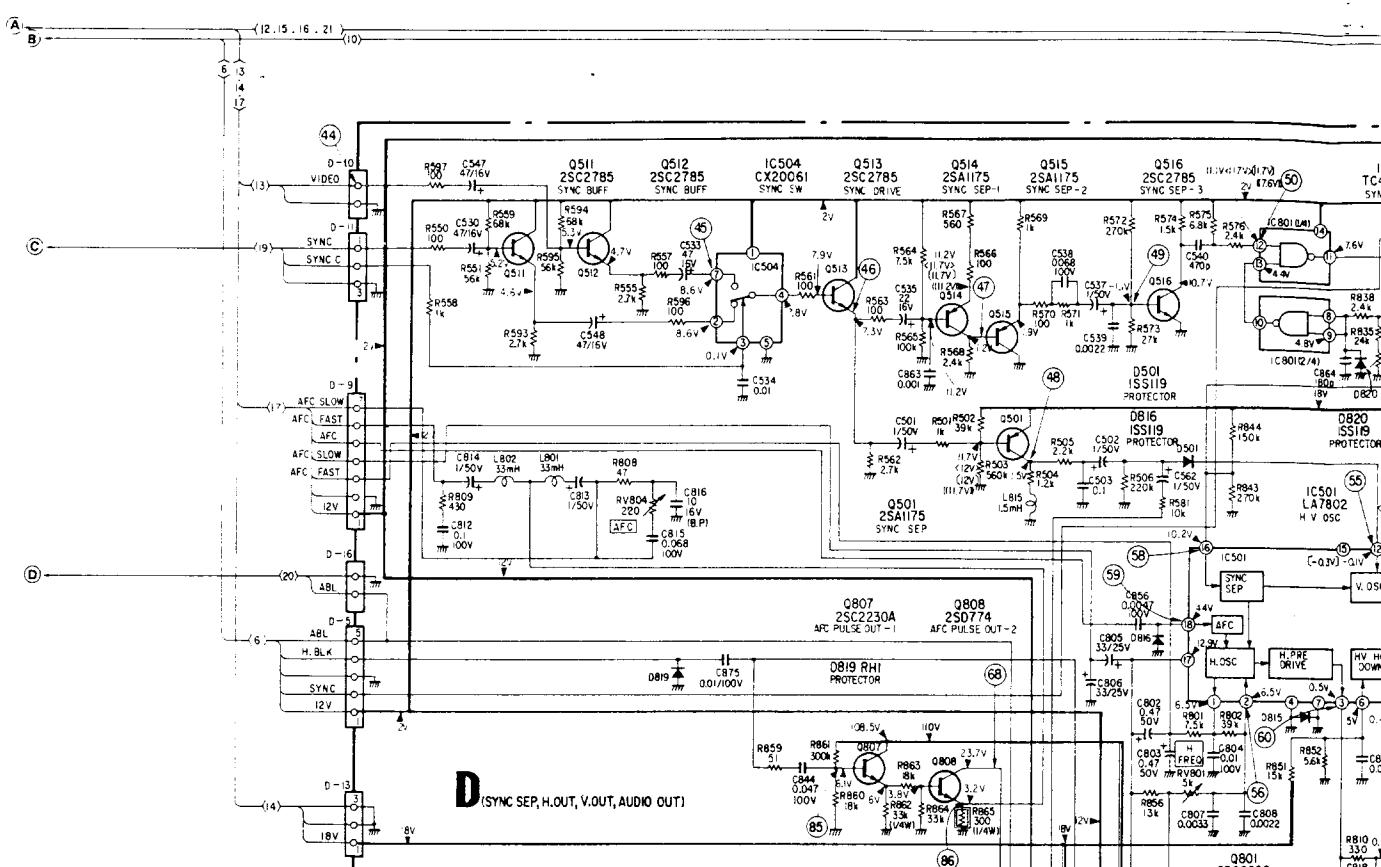
H

J

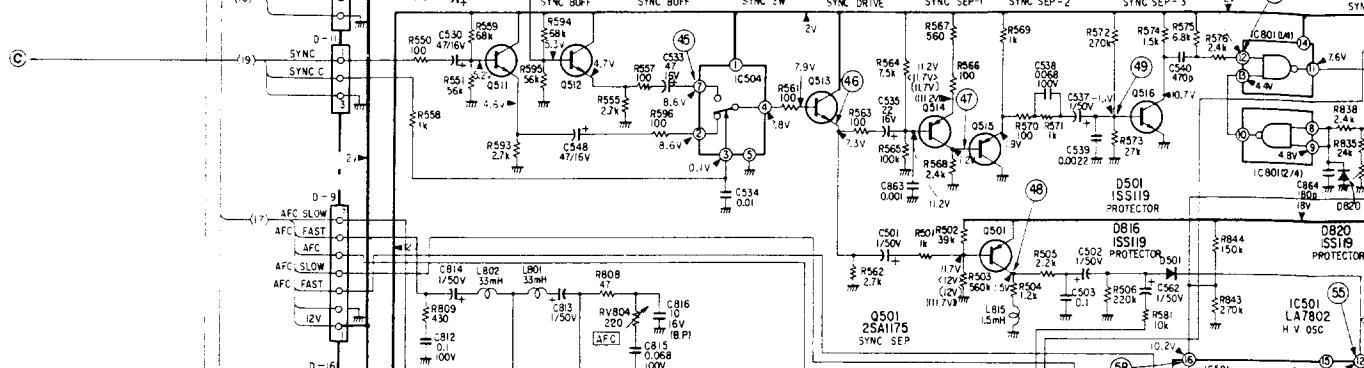


1 2 3 4 5 6 7 8

A



B



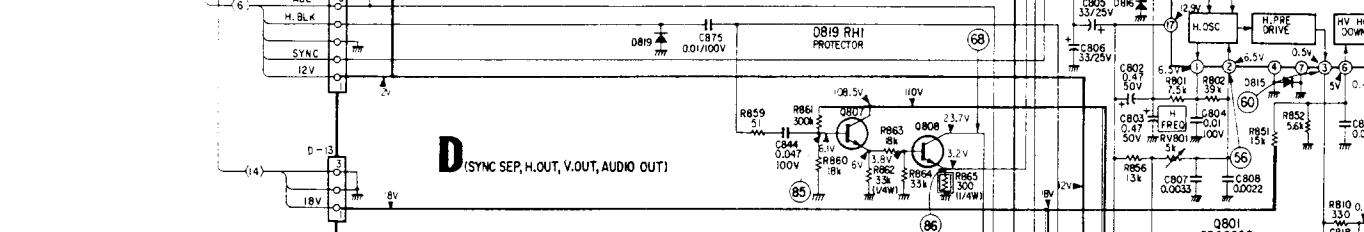
C



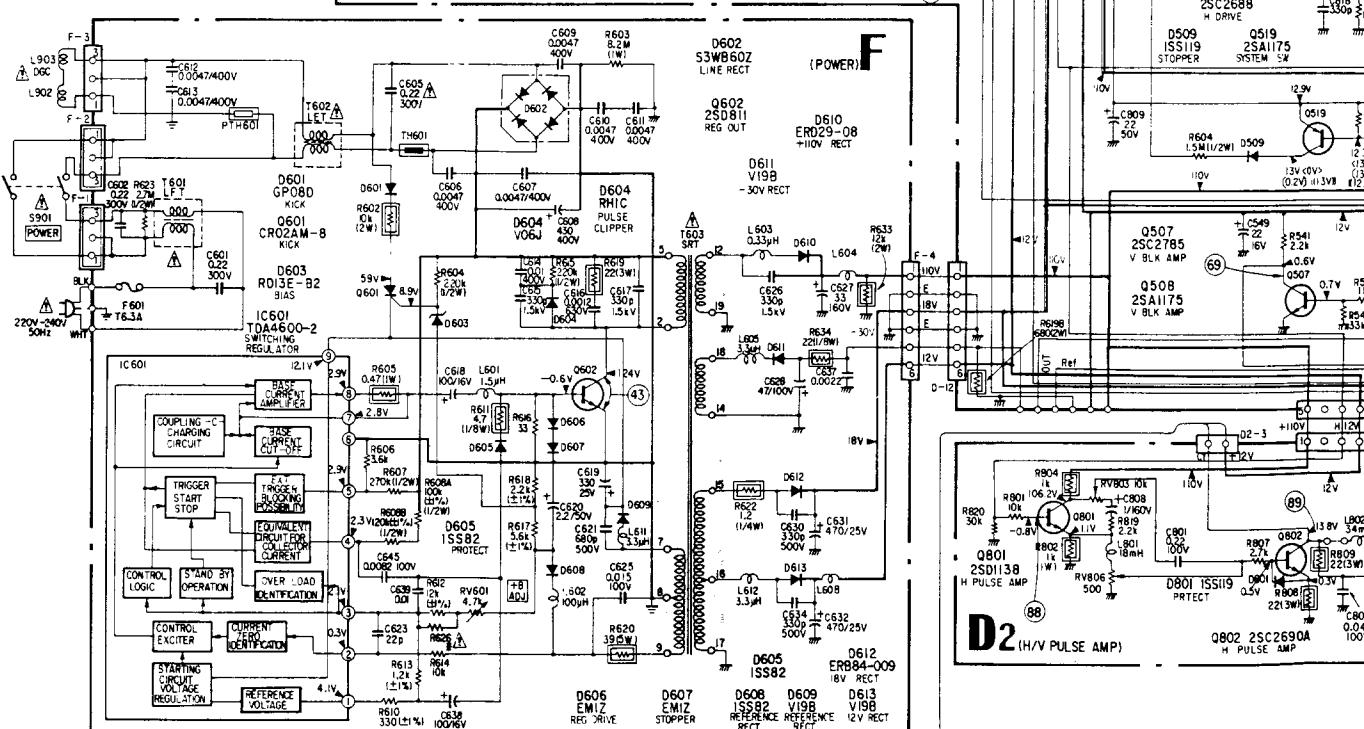
D



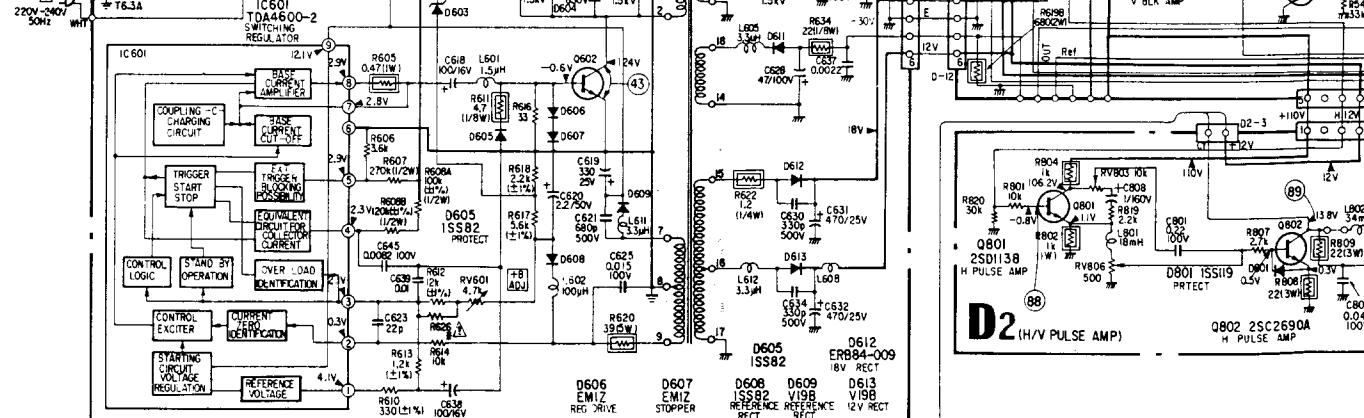
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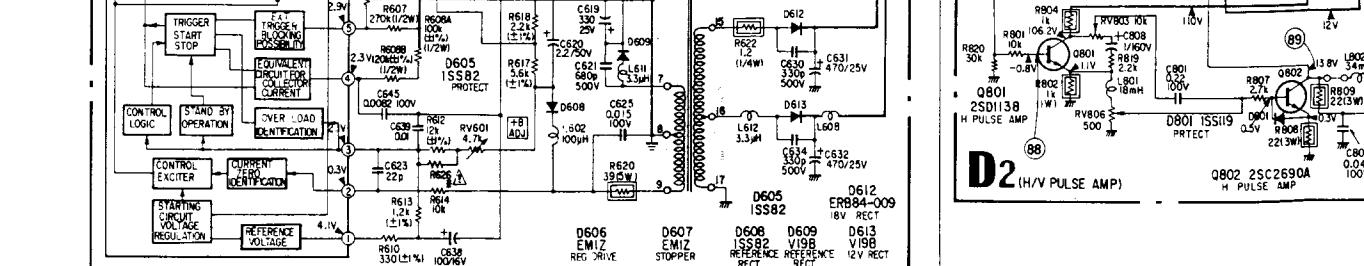
F



G

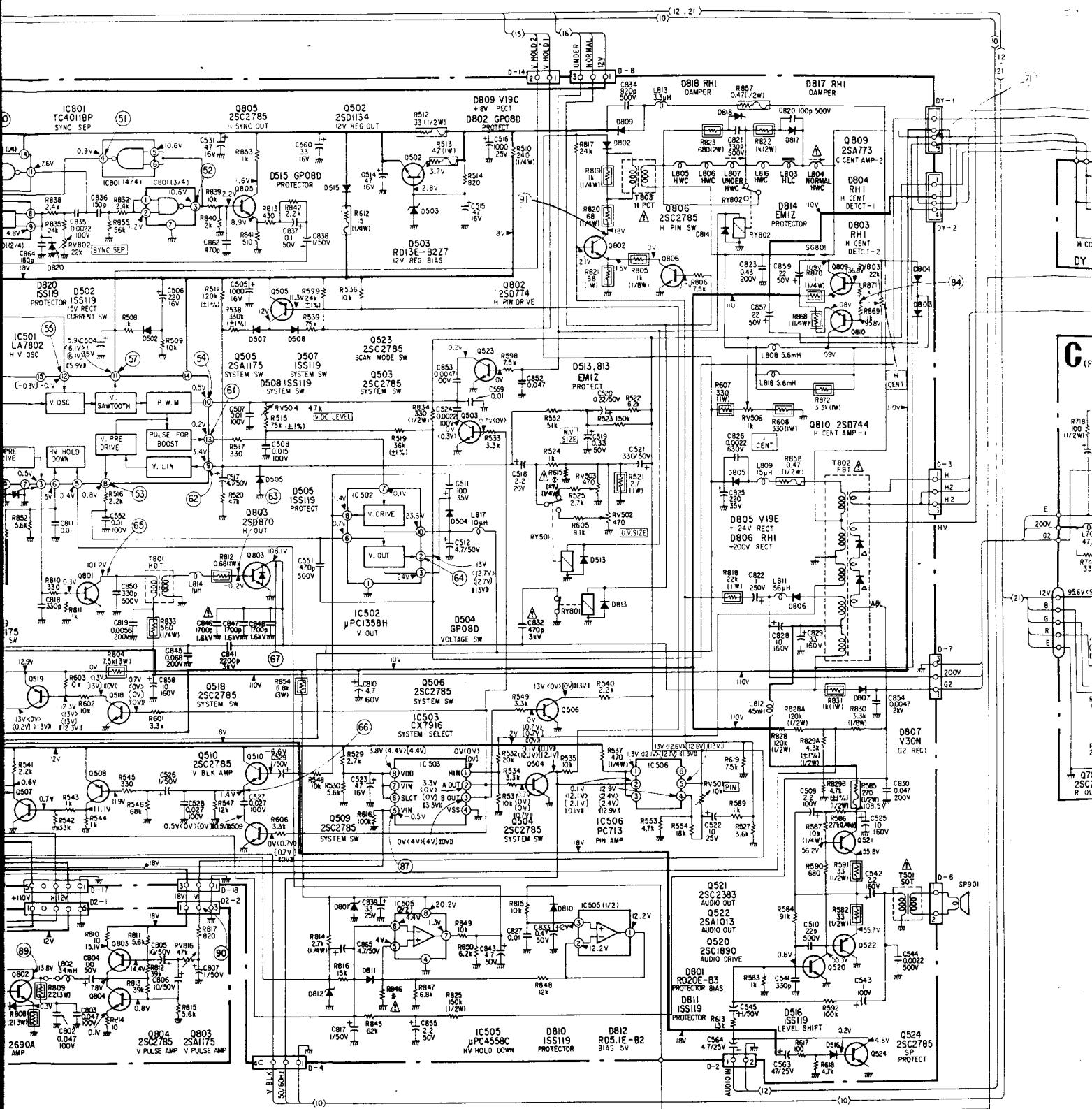


H

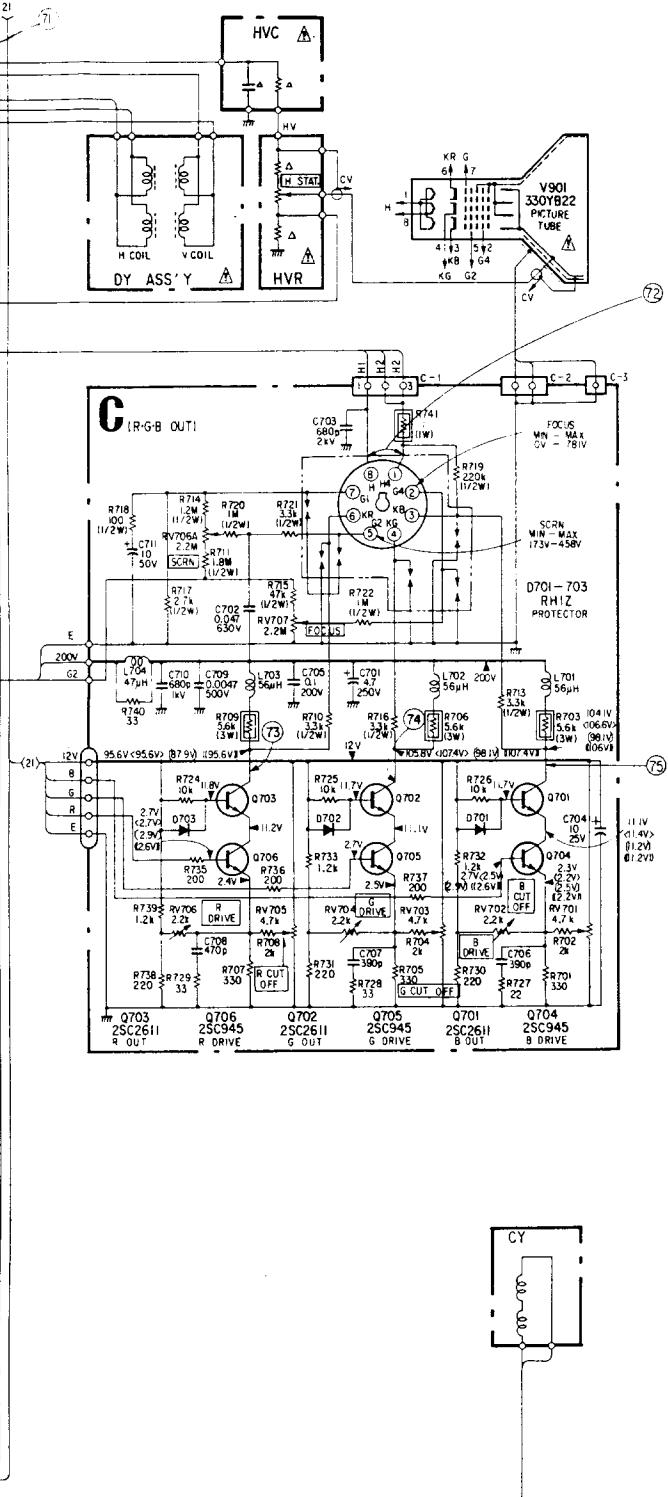


I

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16 17 18 19



Note: The components identified by shading and mark are critical for safety. Replace only with part number specified.

A

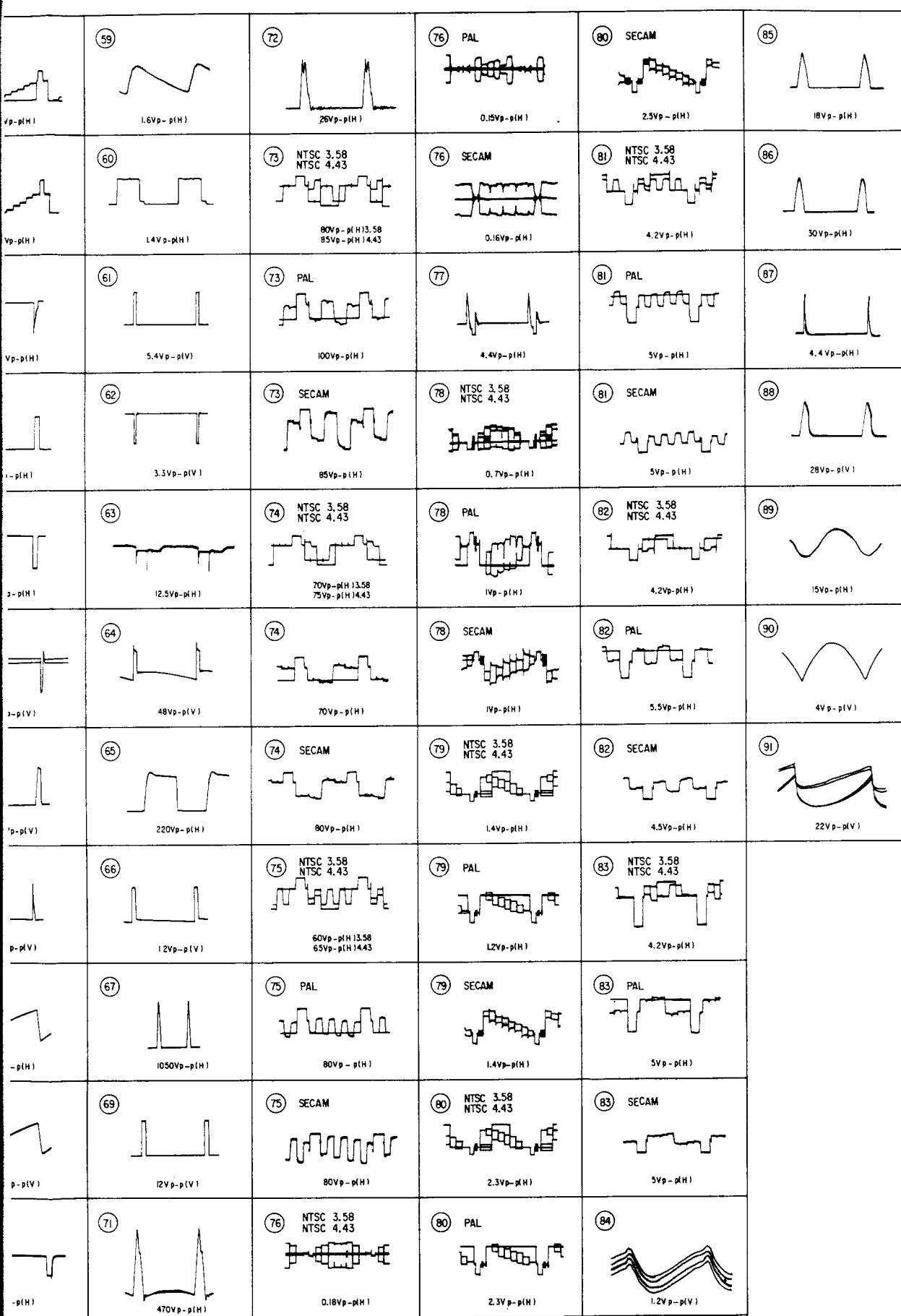
- All capacitors are in μF unless otherwise noted. μ : $\mu\mu\text{F}$ 50WV or less are not indicated except for electrolytics.
- Resistors on the B, F, A, H and D boards are in ohms, 1/6W unless otherwise noted.
 $\text{k}\Omega$: 1000 Ω , M Ω : 1000k Ω
- Resistors on the C and D2 boards are in ohms, 1/4W unless otherwise noted.
- : nonflammable resistor.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : fusible resistor.
- \triangle : internal component.
- : panel designation.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10M Ω digital multimeter.
- Voltage variations may be noted due to normal production tolerances.
- : adjustment for repair.
- Voltage on F board is taken with Q602 Emitter.
- Readings are taken with a color-bar signal input.
no mark : with NTSC3.58 color-bar signal received.
() : with SECAM color-bar signal received.
[] : with PAL color-bar signal received.
(()) : with NTSC4.43 color-bar signal received.
- * Selected to yield optimum performance.
- : Can not be measured.

B**B****C****D****E****F****G****H****I**

1-4. WAVEFORMS

(1) NTSC 3.58 NTSC 4.43 2Vp-p(H)	(4) SECAM 3.6Vp-p(H)	(10) PAL 0.8Vp-p(H)	(14) PAL 0.65Vp-p(H)	(18) PAL 0.32Vp-p(H)	(24) NTSC 3.58 NTSC 4.43 2.4Vp-p(H)
(1) PAL 2.5Vp-p(H)	(5) NTSC 3.58 NTSC 4.43 2.2Vp-p(H)	(10) SECAM 0.8Vp-p(H)	(14) SECAM 0.7Vp-p(H)	(19) NTSC 3.58 NTSC 4.43 0.4Vp-p(H)	(24) PAL 2.4Vp-p(H)
(1) SECAM 2.2Vp-p(H)	(5) PAL 2.6Vp-p(H)	(10) NTSC 4.43 0.7Vp-p(H)	(14) NTSC 4.43 0.65Vp-p(H)	(19) PAL SECAM 3Vp-p(H)	(24) SECAM 2.6Vp-p(H)
(2) NTSC 3.58 NTSC 4.43 1.3Vp-p(H)	(5) SECAM 2.4Vp-p(H)	(11) NTSC 3.58 NTSC 4.43 0.44Vp-p(H)	(15) NTSC 3.58 NTSC 4.43 0.32Vp-p(H)	(20) NTSC 3.58 NTSC 4.43 IV p(H)	(25) NTSC 3.58 NTSC 4.43 0.18Vp-p(H)
(2) PAL 1.4Vp-p(H)	(6) NTSC 3.58 NTSC 4.43 2.6Vp-p(H)	(11) PAL 0.65Vp-p(H)	(15) PAL 0.5Vp-p(H)	(20) PAL 0.8Vp-p(H)	(25) PAL 0.24Vp-p(H)
(2) SECAM 1.4Vp-p(H)	(6) PAL 3Vp-p(H)	(11) SECAM 0.85Vp-p(H)	(16) NTSC 3.58 NTSC 4.43 1.6Vp-p(H)	(20) SECAM 0.9Vp-p(H)	(25) SECAM 0.16Vp-p(H)
(3) NTSC 3.58 NTSC 4.43 0.5Vp-p(H)	(6) SECAM 3Vp-p(H)	(12) 4.6Vp-p(H)	(16) PAL 2Vp-p(H)	(21) 2.6Vp-p(H)	(26) NTSC 3.58 NTSC 4.43 5Vp(H) 3.58 4.6Vp(H) 4.43
(3) PAL 0.8Vp-p(H)	(7) 2.6Vp-p(H)	(13) NTSC 3.58 NTSC 4.43 0.2Vp-p(H)	(17) NTSC 3.58 0.16Vp-p(H)	(22) NTSC 3.58 NTSC 4.43 0.4Vp-p(H)	(26) PAL 5.2Vp-p(H)
(3) SECAM 0.6Vp-p(H)	(8) 2.6Vp-p(H)	(13) PAL 0.32Vp-p(H)	(17) PAL 0.45Vp-p(H)	(22) PAL 0.7Vp-p(H)	(26) SECAM 0.6Vp-p(H)
(4) NTSC 3.58 NTSC 4.43 3.3Vp-p(H) 3.58 3Vp-p(H) 4.43	(9) 9Vp-p(H)	(13) SECAM 0.18Vp-p(H)	(17) NTSC 4.43 0.2Vp-p(H)	(23) NTSC 3.58 NTSC 4.43 0.58Vp(H)	(27) NTSC 3.58 NTSC 4.43 4.6Vp(H)
(4) PAL 5.2Vp-p(H)	(10) NTSC 3.58 NTSC 4.43 0.8Vp-p(H)	(14) NTSC 3.58 0.65Vp-p(H)	(18) NTSC 3.58 NTSC 4.43 0.2Vp-p(H)	(23) PAL 0.85Vp-p(H)	(27) PAL 4.6Vp-p(H)

(24) NTSC 3.58 NTSC 4.43 2.4Vp-p(H)	(27) SECAM 5.2Vp-p(H)	(32) NTSC 3.58 NTSC 4.43 IV p-p(H)	(35) SECAM 5.5Vp-p(H)	(39) PAL 5Vp-p(H)	(45) NTSC 3.58 NTSC 4.43 2.6Vp-p(H)	(49) PAL 3.2Vp-p(H)
(24) PAL 2.4Vp-p(H)	(28) NTSC 3.58 NTSC 4.43 5.2Vp-p(H) 4.8Vp-p(H) 13.58 4.8Vp-p(H) 14.43	(32) PAL 0.8Vp-p(H)	(36) NTSC 3.58 NTSC 4.43 4.4Vp-p(H)	(39) SECAM 5.5Vp-p(H)	(45) PAL 1.2Vp-p(H)	(49) SECAM 2.9Vp-p(H)
(24) SECAM 2.6Vp-p(H)	(28) PAL 5Vp-p(H)	(22) SECAM 0.9Vp-p(H)	(36) PAL 5.5Vp-p(H)	(40) NTSC 3.58 NTSC 4.43 4.4Vp-p(H)	(45) SECAM 1.3Vp-p(H)	(50) 1.5Vp-p(H)
(25) NTSC 3.58 NTSC 4.43 0.18Vp-p(H)	(28) SECAM 5.6Vp-p(H)	(33) NTSC 3.58 NTSC 4.43 2.4Vp-p(H)	(36) SECAM 5.4Vp-p(H)	(40) PAL 5Vp-p(H)	(46) NTSC 3.58 NTSC 4.43 1.2Vp-p(H)	(51) 1.2Vp-p(H)
(25) PAL 0.24Vp-p(H)	(29) NTSC 3.58 NTSC 4.43 0.52Vp-p(H)	(33) PAL 2.3Vp-p(H)	(37) NTSC 3.58 NTSC 4.43 4.6Vp-p(H)	(40) SECAM 5Vp-p(H)	(46) PAL 1.2Vp-p(H)	(52) 1.2Vp-p(H)
(25) SECAM 0.16Vp-p(H)	(29) PAL 0.73Vp-p(H)	(33) SECAM 2.5Vp-p(H)	(37) PAL 5Vp-p(H)	(41) 5.1Vp-p(H)	(46) SECAM 1.3Vp-p(H)	(53) 1.1Vp-p(V)
(26) NTSC 3.58 NTSC 4.43 5Vp-p(H) 13.58 4.6Vp-p(H) 14.43	(29) SECAM 1Vp-p(H)	(34) NTSC 3.58 NTSC 4.43 0.65Vp-p(V) 13.58 0.55Vp-p(V) 14.43	(37) SECAM 5Vp-p(H)	(42) 3.6Vp-p(H)	(47) NTSC 3.58 NTSC 4.43 4.2Vp-p(H)	(54) 6.9Vp-p(V)
(26) PAL 5.2Vp-p(H)	(30) 0.48Vp-p(V) NTSC 3.58, PAL 9.5Vp-p(V) SECAM	(34) PAL 0.52Vp-p(V)	(38) NTSC 3.58 NTSC 4.43 4.4Vp-p(H)	(43) 26μsec 340Vp-p	(47) PAL 3.6Vp-p(H)	(55) 3.5Vp-p(V)
(26) SECAM 0.6Vp-p(H)	(30) NTSC 3.58 NTSC 4.43 0.8Vp-p(H)	(34) SECAM 0.7Vp-p(V)	(38) PAL 5Vp-p(H)	(44) NTSC 3.58 NTSC 4.43 1.3Vp-p(H) 13.58 1.4Vp-p(H) 14.43	(47) SECAM 3.5Vp-p(H)	(56) 4.8Vp-p(H)
(27) NTSC 3.58 NTSC 4.43 4.6Vp-p(H)	(31) PAL 0.8Vp-p(H)	(35) NTSC 3.58 NTSC 4.43 4.6Vp-p(H)	(38) SECAM 4.7Vp-p(H)	(44) PAL 1.2Vp-p(H)	(48) 26Vp-p(H)	(57) 3.9Vp-p(V)
(27) PAL 4.6Vp-p(H)	(31) SECAM 0.9Vp-p(H)	(35) PAL 5.5Vp-p(H)	(39) NTSC 3.58 NTSC 4.43 4.6Vp-p(H)	(44) SECAM 1.3Vp-p(V)	(49) NTSC 3.58 NTSC 4.43 2.8Vp-p(H)	(58) 1Vp-p(H)



1-5. PRINTED WIRING BOARDS

— Conductor Side —

[R-G-B OUT]

C

1 2 3 4 5 6 7 8

A

— C Board —

B

C

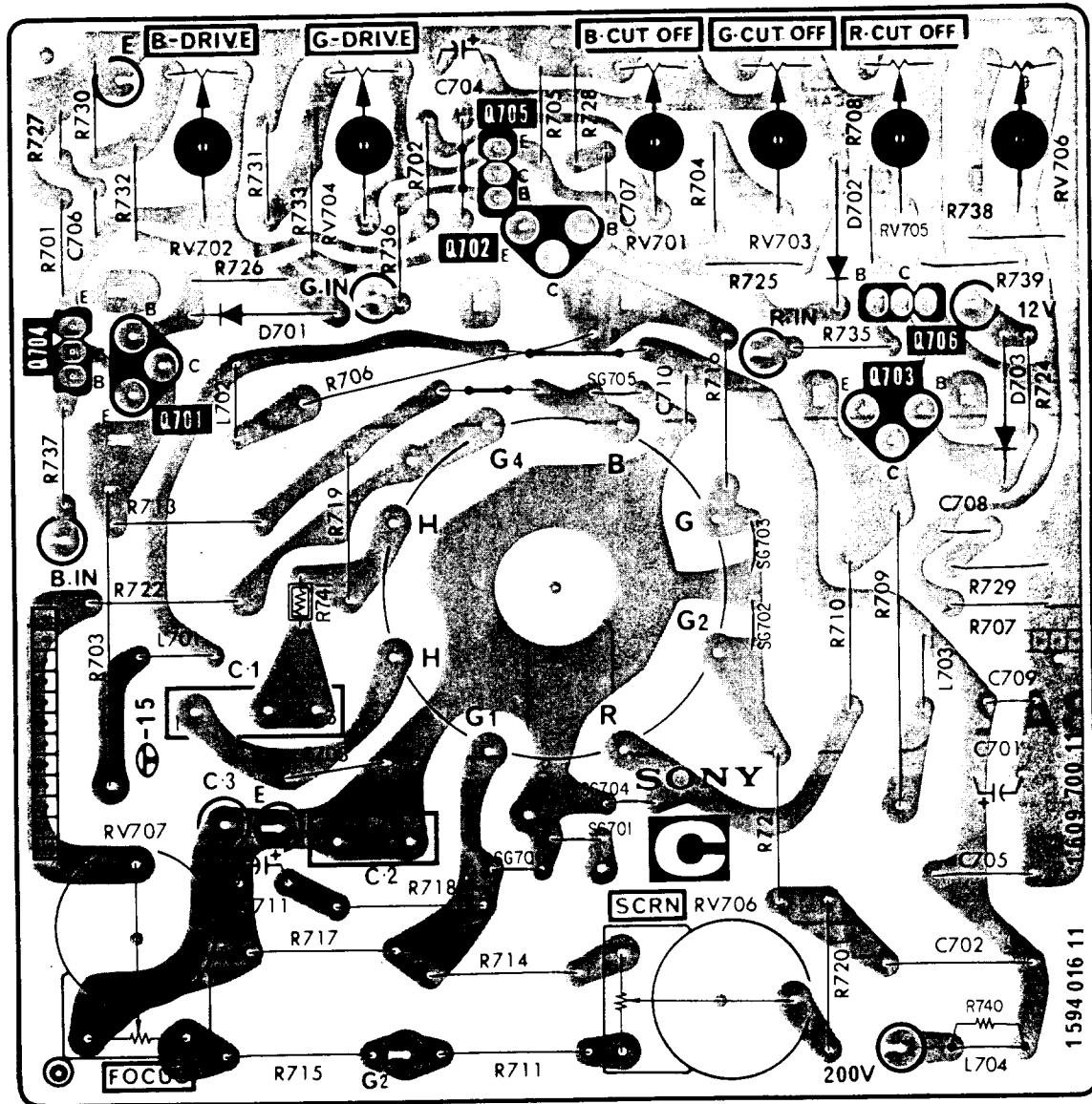
D

E

F

G

H

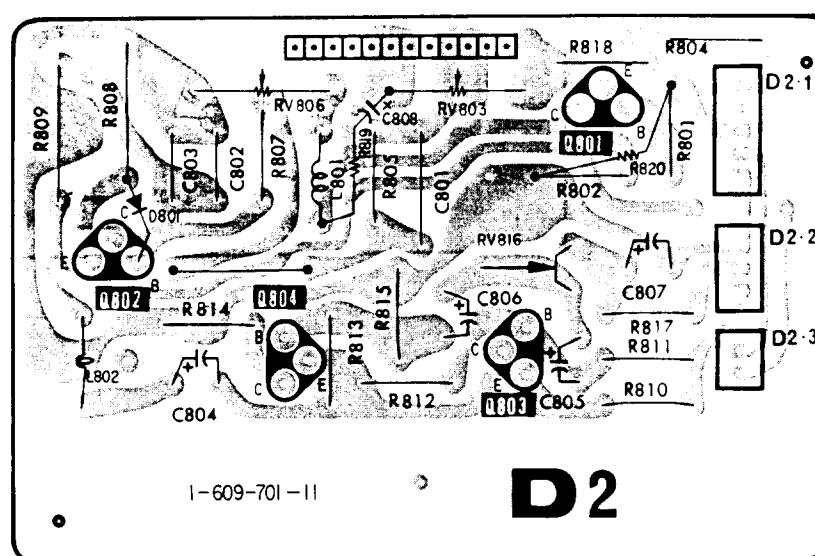


C**D2**

[H/V PULSE AMP]

8 9 10 11 12 13 14 15

— D2 Board —



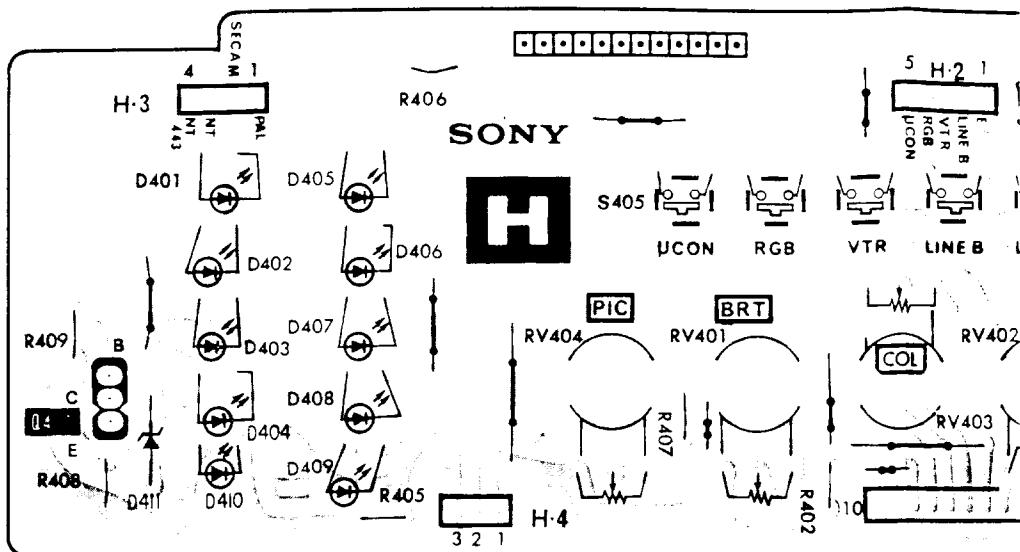
[USER CONTROL,
INPUT, SIGNAL INDICATOR]**H**

[INPUT/OUTPUT TERMINAL]

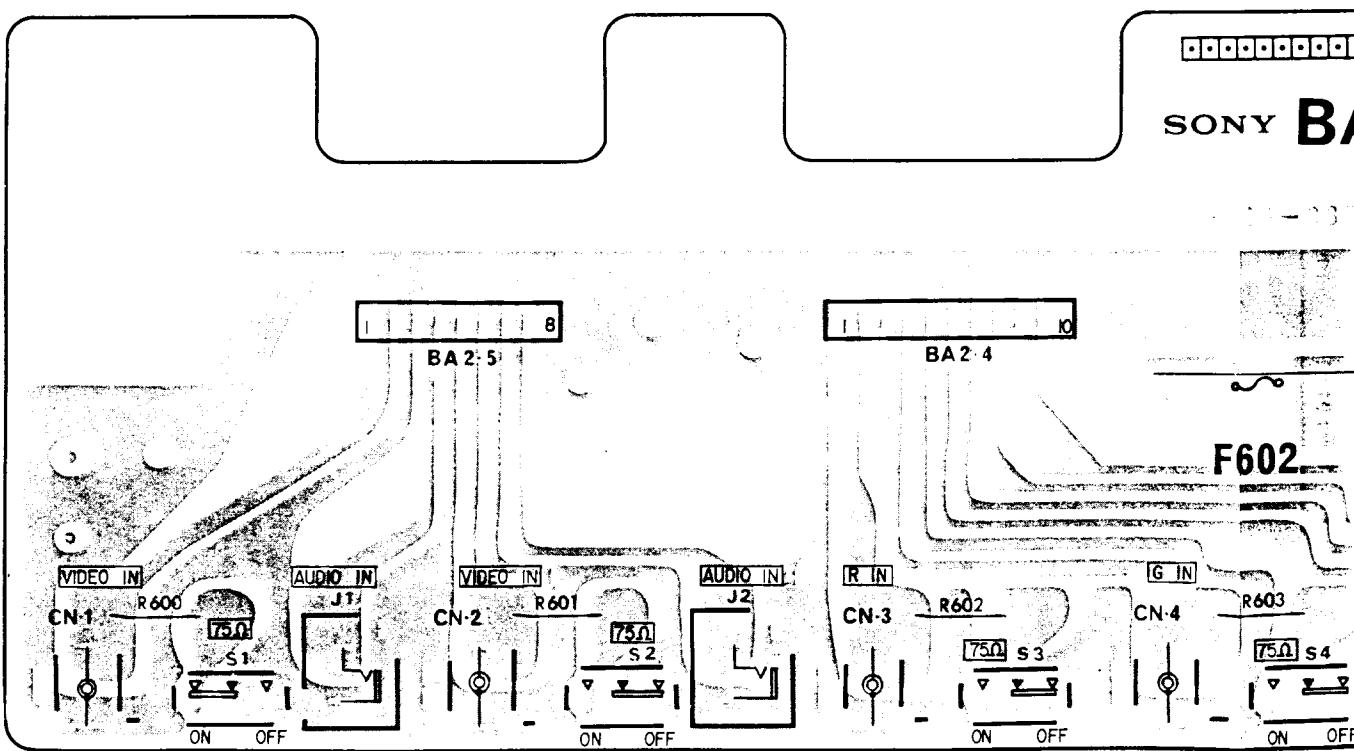
1 2 3 4 5 6 7 8

A

— H Board —

**E**

— BA2 Board —



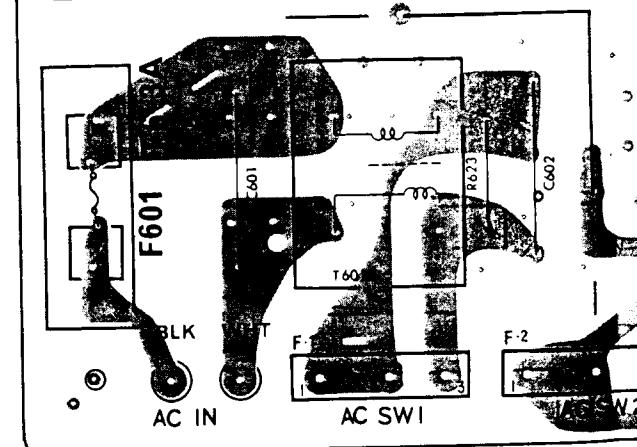
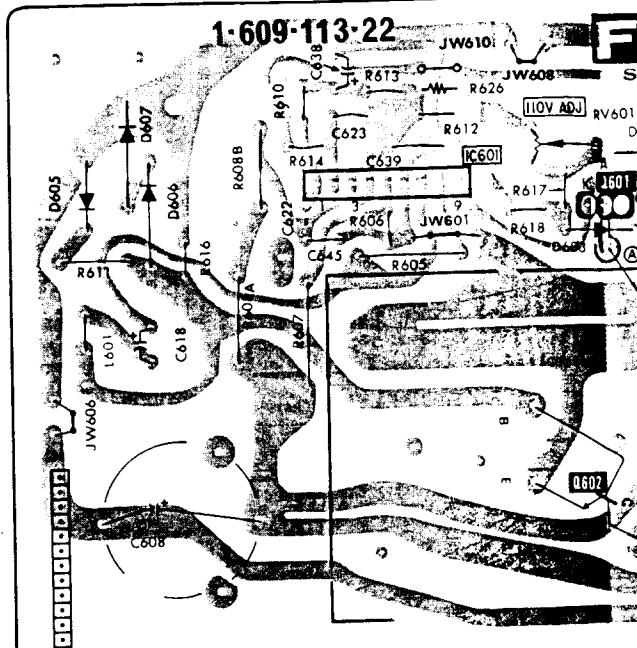
[POWER]

F

1 2 3 4 5 6 7

A**- F Board -****B**

Q, IC	IC601	601
D	605 607 606	602 603 608
ADJ		RV601

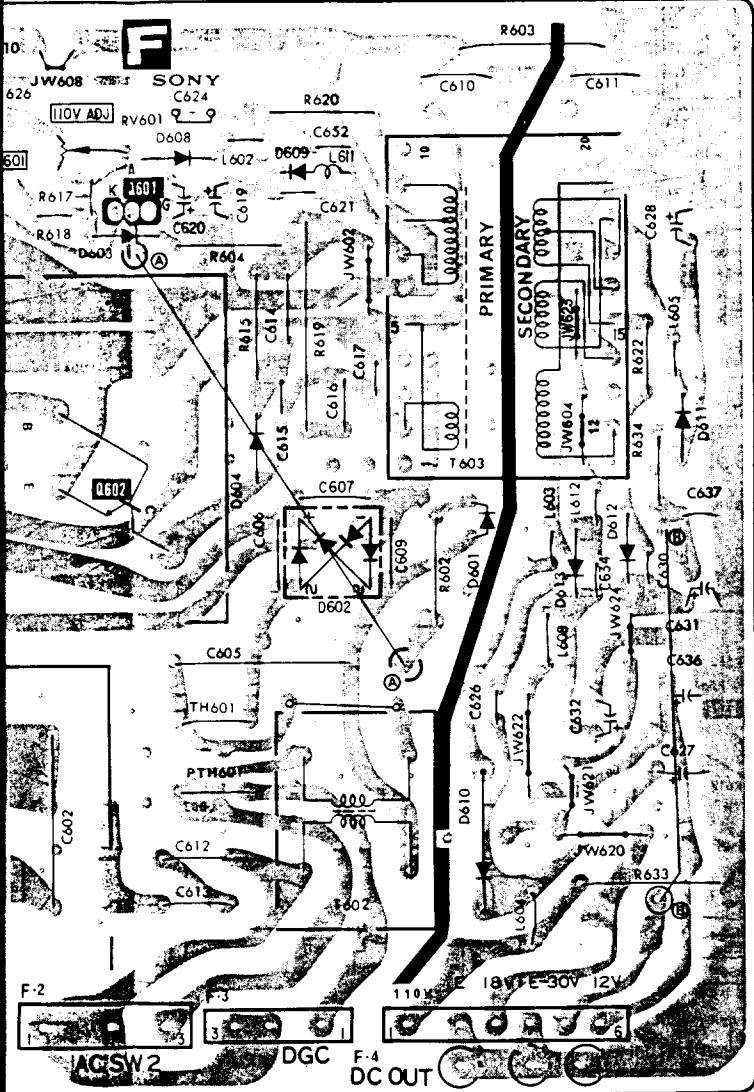
C**D****E****F****G****H**

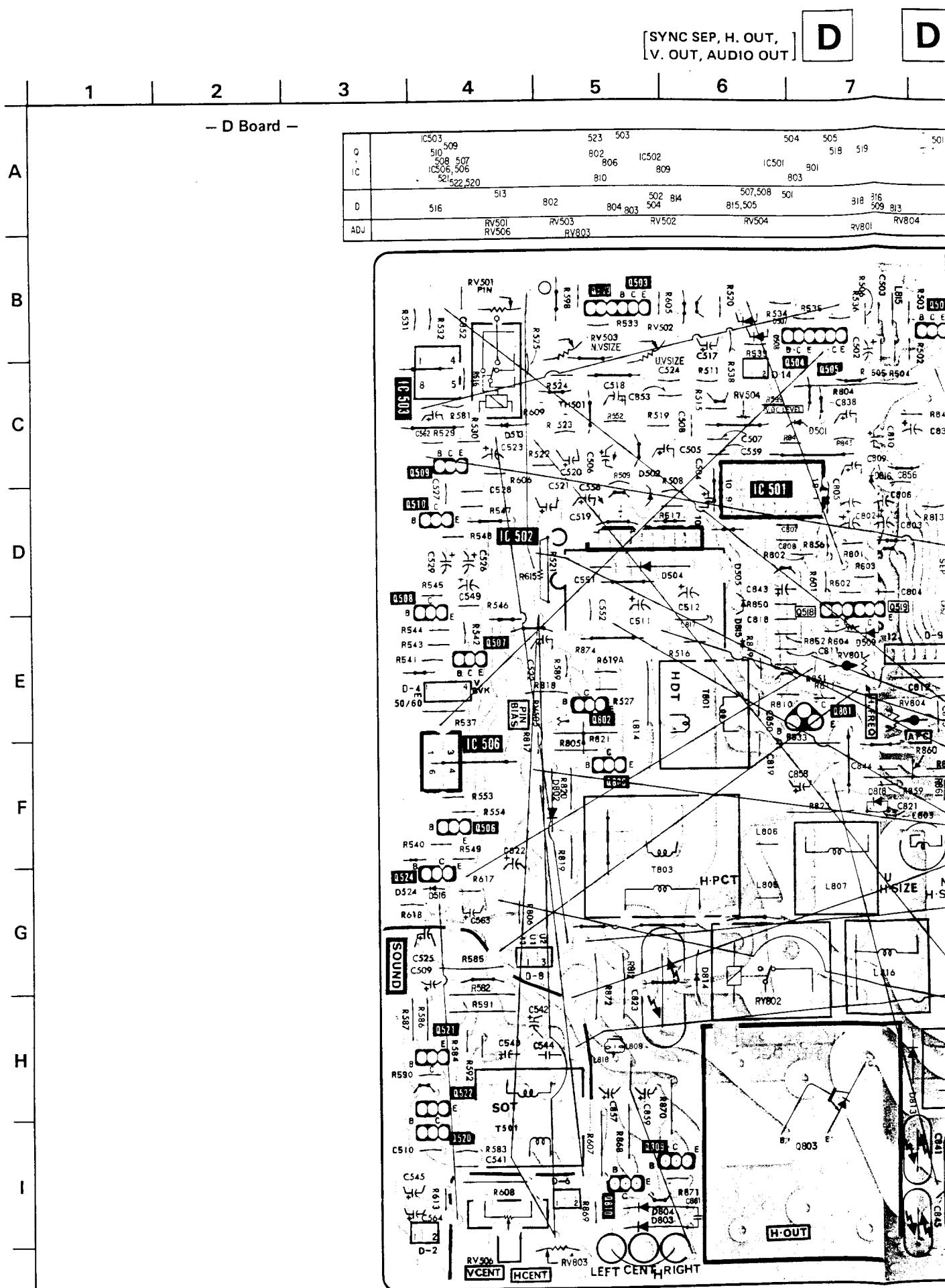
F F

7 8 9 10 11 12 13 14

601	602							Q, IC
603	608	604	609	602	601	613	612	611
RV601		608	609	602	610			D

ADJ





D

8

9

10

11

12

13

14

15



26/09/2014

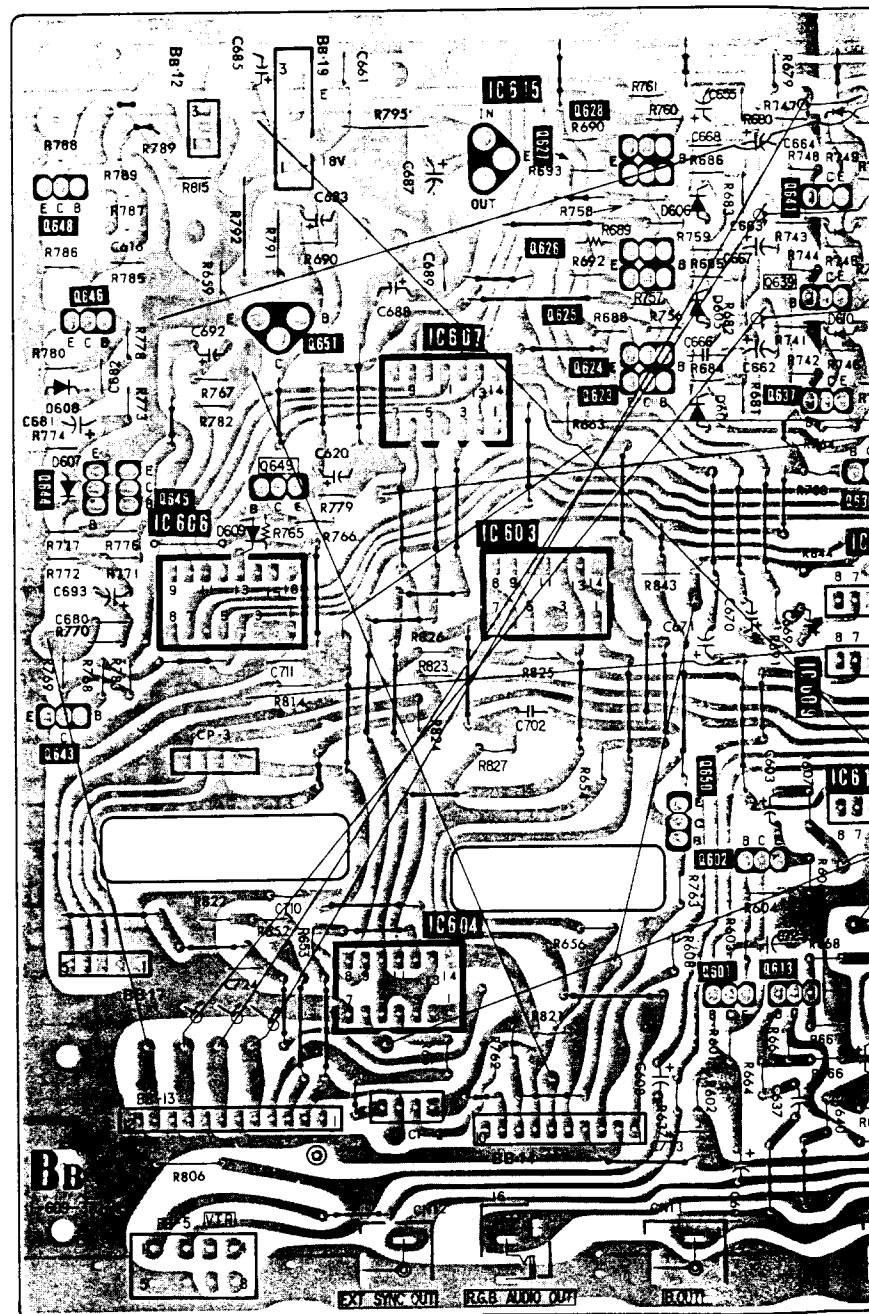
BB

[INPUT, SELECT, BLK

1 | 2 | 3 | 4 | 5 | 6 | 7

– BB Board –

		651	IC615	628	641
		649	IC607	627	639
				626	637
Q, IC	646 644,645 643	IC606	IC603	625	630
			IC604	650	602
					601,613
D	608 607	609		606	612
				605	611
				604	610
ADJ					

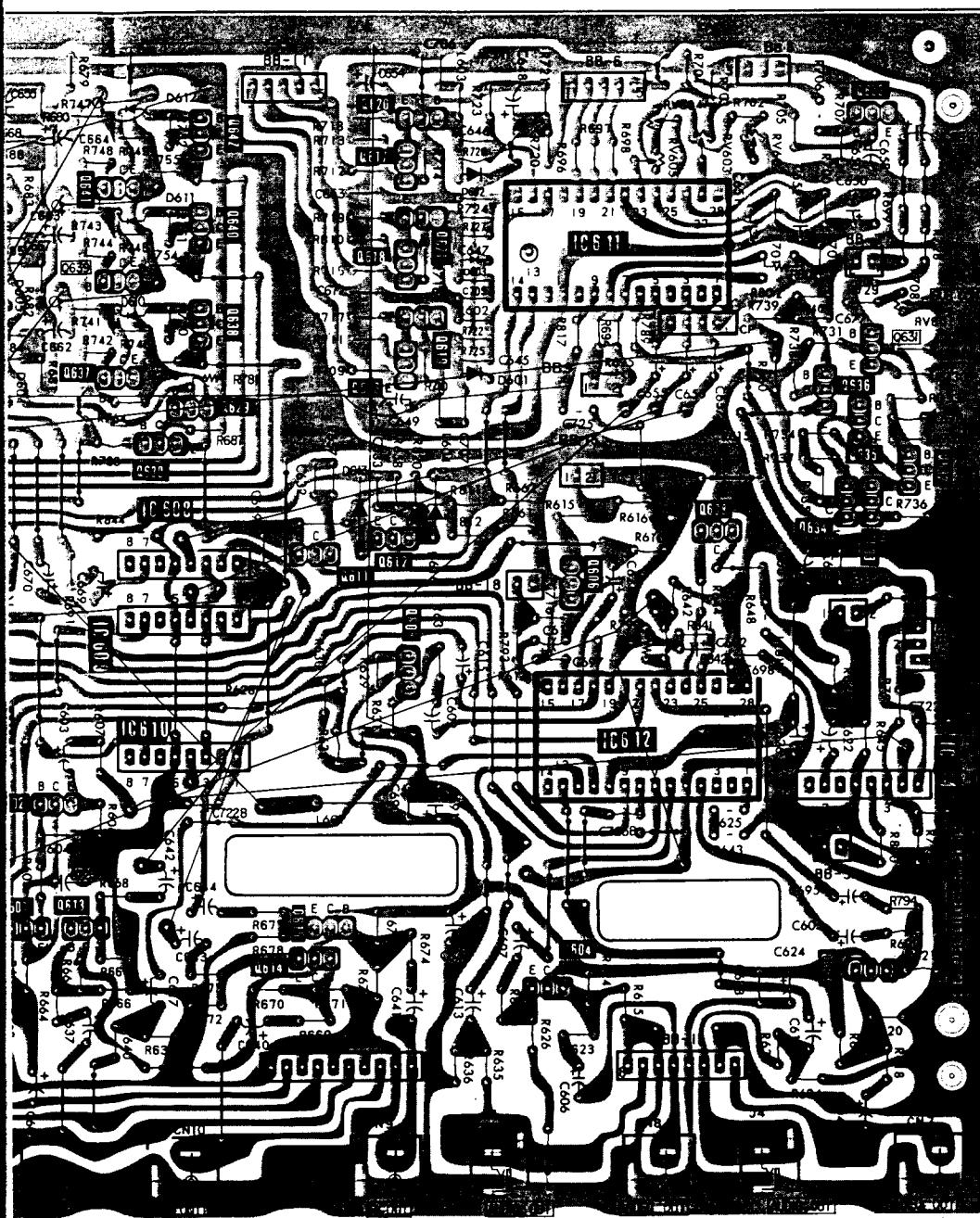


BB

BB

7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15

602 601,613	641 633 637	642 640 638 629	617 620 618 619	611	IC611 606 604	608 IC612	636 634	622 625 633,632 IC614 603	Q , IC
612 611 610	630	IC608 [C609 IC610	615 614	605	602	613 616	603 601		0
								RV604 RV605 RV603 , RV602	RV601 ADJ



[3.58/4.43 NTSC/PAL/SECAM,
MODE SELECT, Y, CHROMA]

BA1

BA

1 2 3 4 5 6 7 8

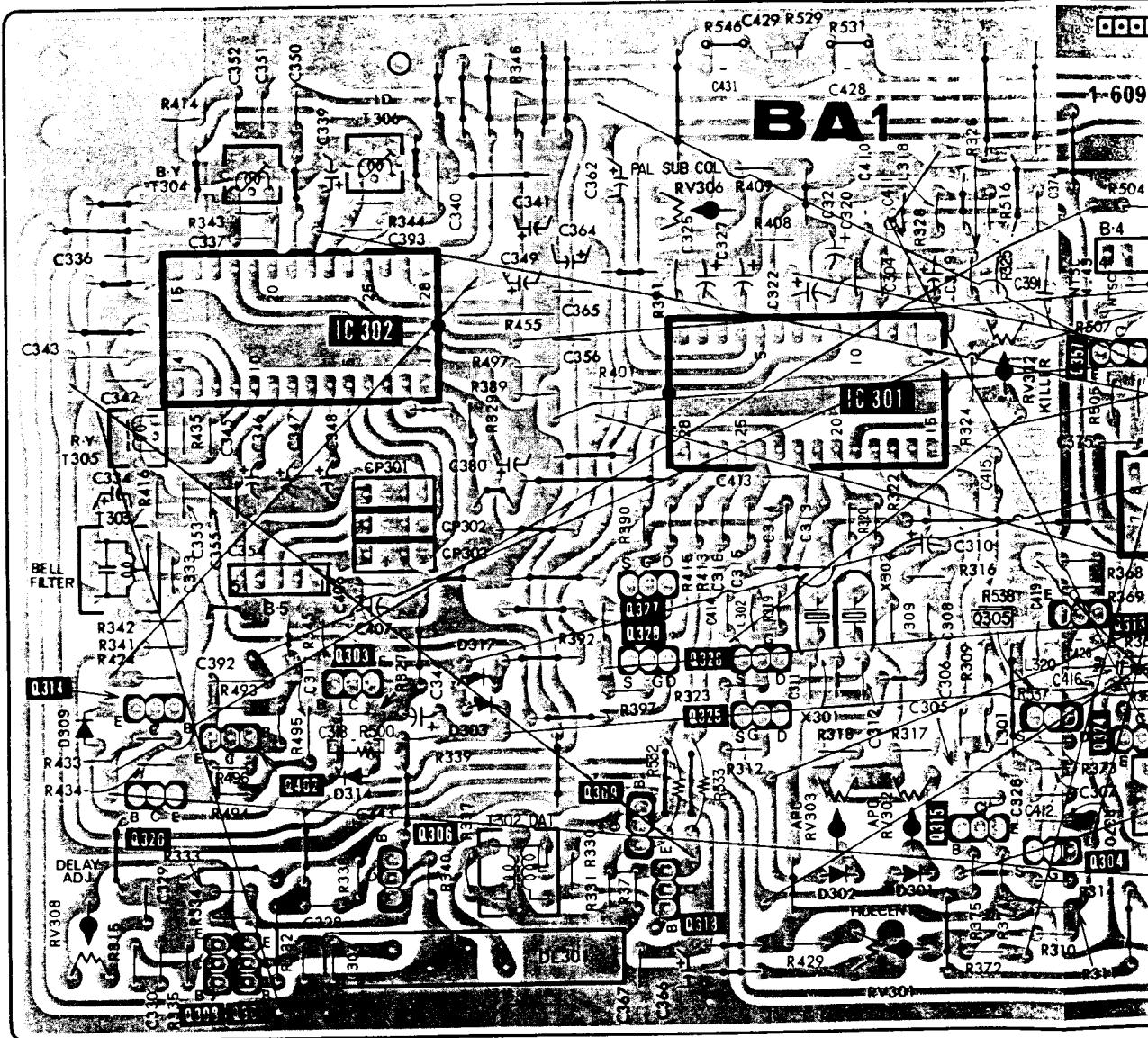
A

— BA1 Board —

B

		IC302	303	327	IC301	357, 31
Q, IC	314 402	306	328	309	326	313
	320 308, 307		318	318	325	324
D	309	314	317	303	302 301	RV332
ADJ	RV308				RV303 RV302	RV301

C



BA1

8

9

10

11

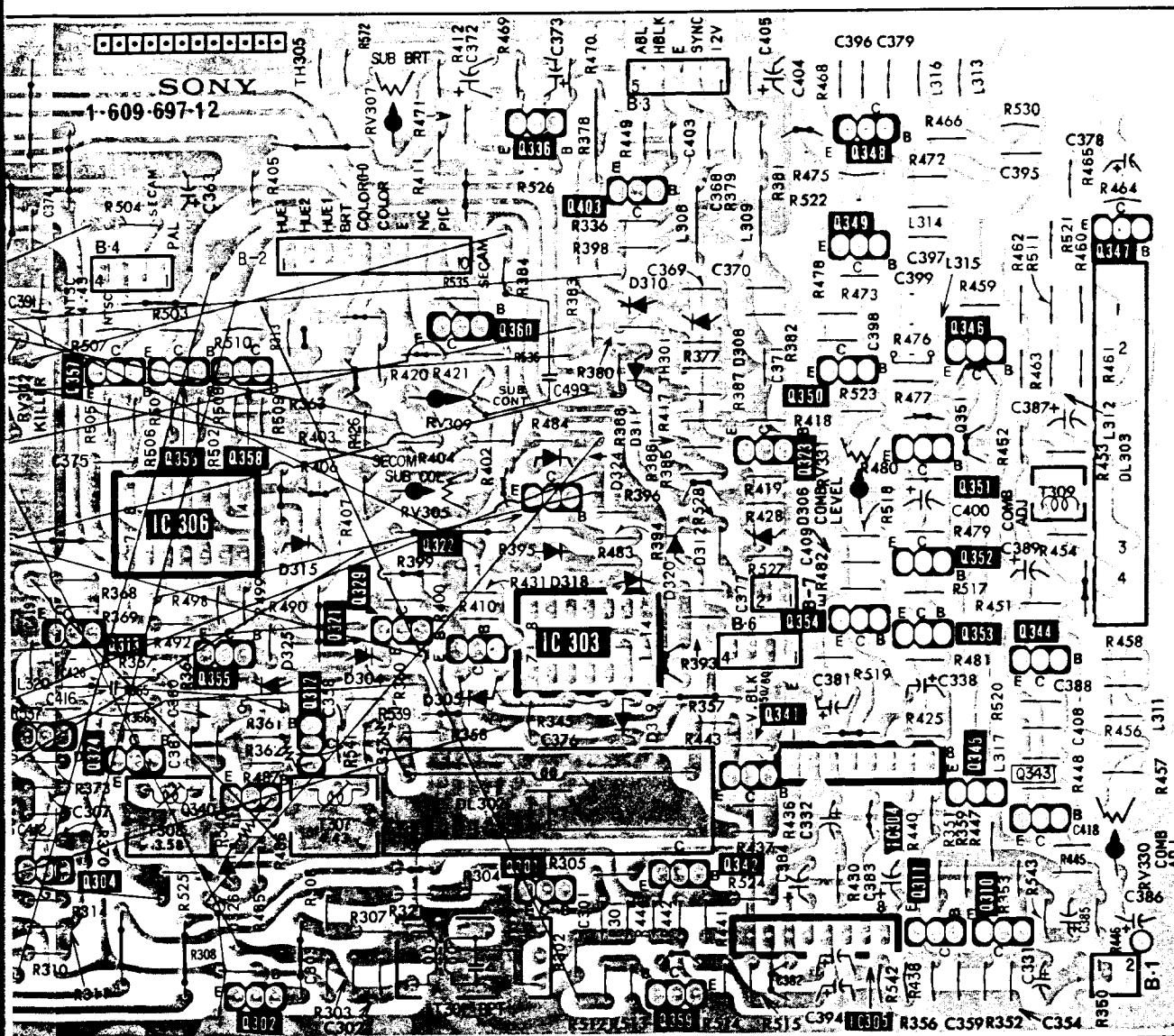
12

13

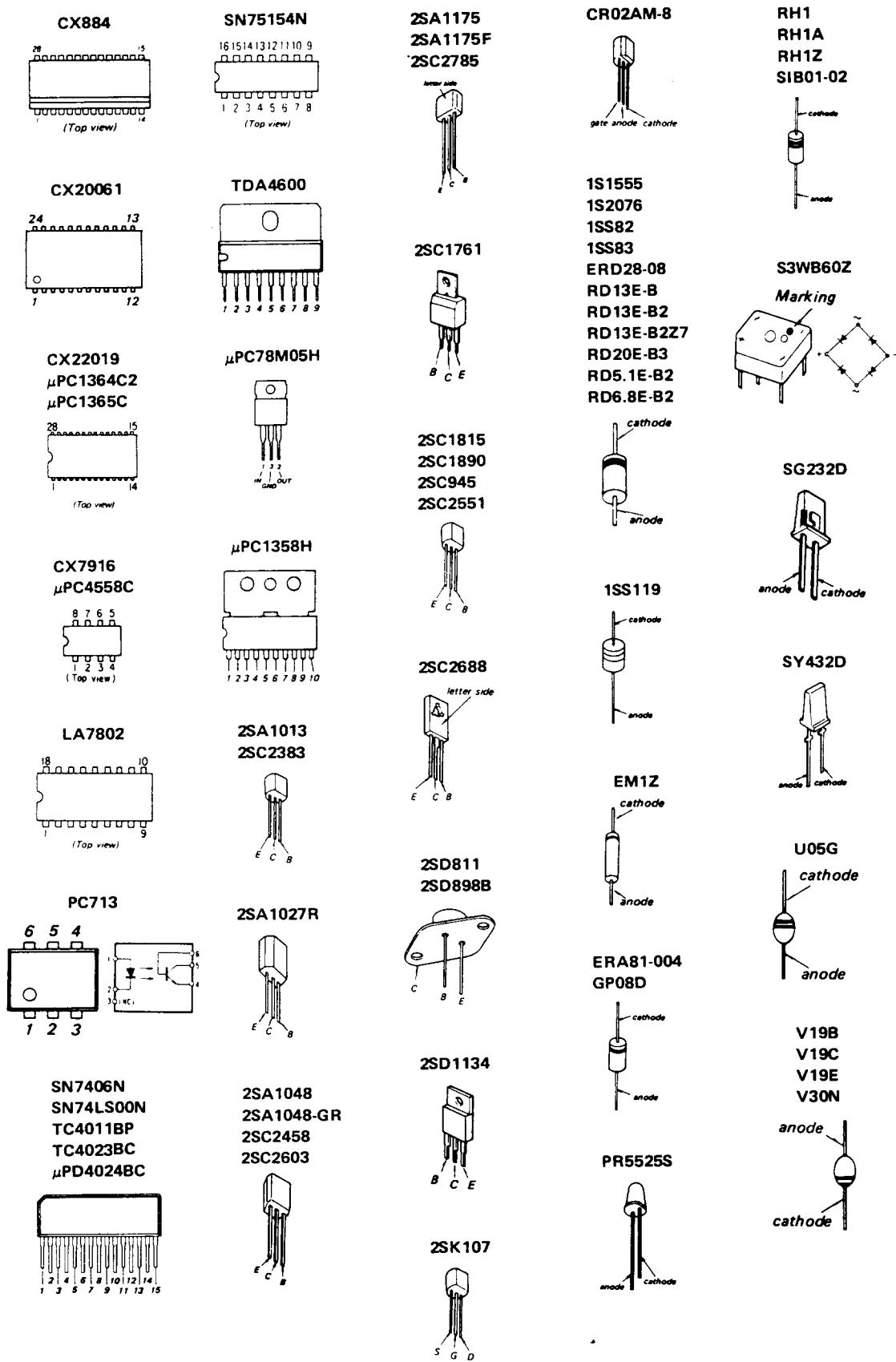
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15

357, 356, 358 IC306	360	336 322	403	348 349	346	347	0, IC
305 304	313	355 340	312 302	321 329	IC303	323 341	350 354
				342 359	IC305	352 353	344 343
				301	IC304	311, 310	345
	315						0
	325 326		304	324 310 311	308		
			305	320 312	306		
RV332		RV307	RV309		RV331		ADJ
			RV305			RV330	



1-6. SEMICONDUCTORS



BA

1-7. ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

• Items marked " Δ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
• MF : μF , PF : $\mu\mu F$

RESISTORS
• All resistors are in ohms
• F : nonflammable

COILS
• MMH : mH, UH : μH

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
	♦:A-1135-199-A	BA BOARD, COMPLETE *****		C339	1-123-380-00	ELECT	1MF 20% 50V
	C340			C340	1-108-849-00	MYLAR	0.1MF 10% 50V
	C341			C341	1-123-379-00	ELECT	0.47MF 20% 50V
	C342			C342	1-102-129-00	CERAMIC	0.01MF 10% 50V
	C343			C343	1-101-006-00	CERAMIC	0.047MF 50V
	C344			C344	1-123-356-00	ELECT	10MF 20% 16V
	C345			C345	1-102-892-00	CERAMIC	22PF 5% 50V
	C346			C346	1-123-607-00	ELECT	0.1MF 20% 50V
	C347			C347	1-123-607-00	ELECT	0.1MF 20% 50V
	C348			C348	1-123-607-00	ELECT	0.1MF 20% 50V
B1	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C349	1-123-381-00	ELECT	2.2MF 20% 50V
B2	♦:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C350	1-121-257-00	ELECT	4.7MF 16V
B3	♦:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C351	1-101-361-00	CERAMIC	150PF 5% 50V
B4	♦:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C352	1-102-971-00	CERAMIC	82PF 5% 50V
B5	♦:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C353	1-102-971-00	CERAMIC	82PF 5% 50V
B6	♦:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C354	1-101-361-00	CERAMIC	150PF 5% 50V
B7	♦:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C355	1-121-257-00	ELECT	4.7MF 16V
B10	♦:1-560-278-00	PLUG, CONNECTOR 10P		C356	1-102-129-00	CERAMIC	0.01MF 10% 50V
	C357			C357	1-102-944-00	CERAMIC	7PF 1PF 50V
	C358			C358	1-102-944-00	CERAMIC	7PF 1PF 50V
C301	1-101-361-00	CERAMIC	150PF 5% 50V	C359	1-101-361-00	CERAMIC	150PF 5% 50V
C302	1-101-884-00	CERAMIC	56PF 5% 50V	C360	1-102-944-00	CERAMIC	7PF 1PF 50V
C303	1-101-880-00	CERAMIC	47PF 5% 50V	C361	1-102-944-00	CERAMIC	7PF 1PF 50V
C304	1-102-129-00	CERAMIC	0.01MF 10% 50V	C362	1-123-332-00	ELECT	47MF 16V
C305	1-101-880-00	CERAMIC	47PF 5% 50V	C363	1-123-332-00	ELECT	47MF 20% 16V
C306	1-102-944-00	CERAMIC	7PF 0.5PF 50V	C364	1-123-356-00	ELECT	10MF 20% 16V
C307	1-102-129-00	CERAMIC	0.01MF 10% 50V	C365	1-101-006-00	CERAMIC	0.047MF 50V
C308	1-106-212-00	MYLAR	0.047MF 10% 100V	C366	1-123-333-00	ELECT	100MF 20% 16V
C309	1-106-212-00	MYLAR	0.047MF 10% 100V	C367	1-101-006-00	CERAMIC	0.047MF 50V
C310	1-123-381-00	ELECT	2.2MF 20% 50V	C368	1-102-971-00	CERAMIC	82PF 5% 50V
C311	1-102-852-00	CERAMIC	47PF 5% 50V	C369	1-102-824-00	CERAMIC	470PF 5% 50V
C312	1-102-852-00	CERAMIC	47PF 5% 50V	C370	1-101-361-00	CERAMIC	150PF 5% 50V
C314	1-102-963-00	CERAMIC	33PF 5% 50V	C371	1-106-196-00	MYLAR	0.01MF 10% 100V
C315	1-102-129-00	CERAMIC	0.01MF 10% 50V	C372	1-123-379-00	ELECT	0.47MF 20% 50V
C316	1-102-129-00	CERAMIC	0.01MF 10% 50V	C373	1-123-382-00	ELECT	3.3MF 20% 50V
C317	1-106-220-00	MYLAR	0.1MF 10% 100V	C374	1-106-212-00	MYLAR	0.047MF 10% 100V
C318	1-102-965-00	CERAMIC	39PF 5% 50V	C375	1-101-006-00	CERAMIC	0.047MF 50V
C319	1-123-380-00	ELECT	1MF 20% 50V	C376	1-101-006-00	CERAMIC	0.047MF 50V
C320	1-102-129-00	CERAMIC	0.01MF 10% 50V	C377	1-102-115-00	CERAMIC	560PF 10% 50V
C321	1-123-380-00	ELECT	1MF 20% 50V	C378	1-123-333-00	ELECT	100MF 20% 16V
C322	1-123-380-00	ELECT	1MF 20% 50V	C379	1-102-959-00	CERAMIC	22PF 5% 50V
C325	1-123-369-00	ELECT	4.7MF 20% 25V	C380	1-123-356-00	ELECT	10MF 20% 16V
C326	1-102-959-00	CERAMIC	22PF 5% 50V	C381	1-123-332-00	ELECT	47MF 20% 16V
C327	1-123-369-00	ELECT	4.7MF 20% 25V	C382	1-123-380-00	ELECT	1MF 20% 50V
C328	1-102-129-00	CERAMIC	0.01MF 10% 50V	C383	1-123-380-00	ELECT	1MF 20% 50V
C329	1-102-129-00	CERAMIC	0.01MF 10% 50V	C384	1-123-380-00	ELECT	1MF 20% 50V
C330	1-102-129-00	CERAMIC	0.01MF 10% 50V	C385	1-123-330-00	ELECT	22MF 20% 16V
C331	1-123-332-00	ELECT	47MF 20% 16V	C386	1-123-356-00	ELECT	10MF 20% 16V
C332	1-123-332-00	ELECT	47MF 20% 16V	C387	1-123-356-00	ELECT	10MF 20% 16V
C333	1-102-679-00	CERAMIC	120PF 5% 50V	C388	1-102-978-00	CERAMIC	220PF 5% 50V
C334	1-123-356-00	ELECT	10MF 20% 16V	C389	1-123-356-00	ELECT	10MF 20% 16V
C336	1-102-129-00	CERAMIC	0.01MF 10% 50V	C391	1-102-074-00	CERAMIC	0.001MF 10% 50V
C337	1-102-892-00	CERAMIC	22PF 5% 50V	C392	1-106-220-00	MYLAR	0.1MF 10% 100V
C338	1-123-332-00	ELECT	47MF 20% 16V				

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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>		<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
C393	1-102-525-00	CERAMIC	68PF	5%	50V	D607	8-719-100-38	DIODE RD6.2E-B2
C394	1-123-356-00	ELECT	10MF	20%	16V	D610	8-719-100-38	DIODE RD6.2E-B2
C395	1-102-971-00	CERAMIC	82PF	5%	50V	D611	8-719-100-38	DIODE RD6.2E-B2
C396	1-102-961-00	CERAMIC	27PF	5%	50V	D612	8-719-100-38	DIODE RD6.2E-B2
C397	1-101-888-00	CERAMIC	68PF	5%	50V	D613	8-719-100-38	DIODE RD6.2E-B2
C398	1-102-963-00	CERAMIC	33PF	5%	50V	D614	8-719-100-38	DIODE RD6.2E-B2
C400	1-123-330-00	ELECT	22MF	20%	16V	D615	8-719-100-38	DIODE RD6.2E-B2
C403	1-101-880-00	CERAMIC	47PF	5%	50V			<u>DELAY LINE</u>
C404	1-123-332-00	ELECT	47MF	20%	16V			
C405	1-102-129-00	CERAMIC	0.01MF	10%	50V	DL301	1-415-122-31	DELAY LINE
C406	1-102-129-00	CERAMIC	0.01MF	10%	50V	DL302	1-415-188-00	DELAY LINE
C407	1-123-356-00	ELECT	10MF	20%	16V	DL303	1-415-207-21	DELAY LINE (1H)
C408	1-102-973-00	CERAMIC	100PF	5%	50V			<u>FUSE</u>
C409	1-102-973-00	CERAMIC	100PF	5%	50V	F602 Δ 1-532-279-11	FUSE, TIME-LAG	
C411	1-102-946-00	CERAMIC	9PF	0.5PF	50V	1-533-087-00	HOLDER, FUSE, F602	
C412	1-101-004-00	CERAMIC	0.01MF		50V			<u>IC</u>
C413	1-102-934-00	CERAMIC	1PF		50V	IC301	8-759-113-65	IC UPC1365C
C414	1-101-004-00	CERAMIC	0.01MF		50V	IC302	8-759-100-15	IC UPC1364C2
C415	1-101-004-00	CERAMIC	0.01MF		50V	IC303	8-759-140-24	IC UPD4024BC
C416	1-101-888-00	CERAMIC	68PF	5%	50V	IC304	8-750-000-74	IC CX20061
C418	1-102-961-00	CERAMIC	27PF	5%	50V	IC305	8-750-000-74	IC CX20061
C419	1-102-973-00	CERAMIC	100PF	5%	50V			
C499	1-106-212-00	MYLAR	0.047MF	10%	100V	IC306	8-759-240-23	IC TC4023BP
<u>CONNECTOR</u>								
CN1	1-536-781-00	TERMINAL BOARD, INPUT/OUTPUT						<u>COIL</u>
<u>DIODE</u>								
D301	8-719-911-19	DIODE	ISS119			L301	1-408-416-00	MICRO INDUCTOR 39UH
D302	8-719-911-19	DIODE	ISS119			L302	1-408-406-00	MICRO INDUCTOR 5.6UH
D303	8-719-911-19	DIODE	ISS119			L304	1-408-408-00	MICRO INDUCTOR 8.2UH
D304	8-719-911-19	DIODE	ISS119			L308	1-408-247-00	MICRO INDUCTOR 33MMH
D305	8-719-911-19	DIODE	ISS119			L309	1-408-163-00	MICRO INDUCTOR 5.6MMH
D306	8-719-911-19	DIODE	ISS119			L311	1-408-445-11	MICRO INDUCTOR 18UH
D308	8-719-911-19	DIODE	ISS119			L312	1-408-444-11	MICRO INDUCTOR 15UH
D309	8-719-911-19	DIODE	ISS119			L313	1-408-446-11	MICRO INDUCTOR 22UH
D310	8-719-911-19	DIODE	ISS119			L314	1-408-442-11	MICRO INDUCTOR 10UH
D311	8-719-911-19	DIODE	ISS119			L316	1-408-447-11	MICRO INDUCTOR 27UH
D312	8-719-911-19	DIODE	ISS119			L317	1-408-445-11	MICRO INDUCTOR 18UH
D314	8-719-981-01	DIODE	ERA81-004			L318	1-408-445-11	MICRO INDUCTOR 18UH
D315	8-719-911-19	DIODE	ISS119			L320	1-408-407-00	MICRO INDUCTOR 6.8UH
D317	8-719-911-19	DIODE	ISS119					<u>TRANSISTOR</u>
D319	8-719-911-19	DIODE	ISS119			Q301	8-729-245-83	TRANSISTOR 2SC2458
D320	8-719-911-19	DIODE	ISS119			Q302	8-729-245-83	TRANSISTOR 2SC2458
D324	8-719-911-19	DIODE	ISS119			Q303	8-729-245-83	TRANSISTOR 2SC2458
D325	8-719-911-19	DIODE	ISS119			Q304	8-769-200-30	TRANSISTOR 2SK107-3
D326	8-719-911-19	DIODE	ISS119			Q305	8-769-200-30	TRANSISTOR 2SK107-3
D601	8-719-100-38	DIODE	RD6.2E-B2			Q306	8-729-204-83	TRANSISTOR 2SA1048-GR
D602	8-719-100-38	DIODE	RD6.2E-B2			Q307	8-729-204-83	TRANSISTOR 2SA1048-GR
D603	8-719-100-38	DIODE	RD6.2E-B2			Q308	8-729-204-83	TRANSISTOR 2SA1048-GR
D604	8-719-100-38	DIODE	RD6.2E-B2			Q309	8-729-245-83	TRANSISTOR 2SC2458
D605	8-719-100-38	DIODE	RD6.2E-B2			Q310	8-729-245-83	TRANSISTOR 2SC2458
D606	8-719-100-38	DIODE	RD6.2E-B2			Q311	8-729-245-83	TRANSISTOR 2SC2458

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
Q312	8-729-204-83	TRANSISTOR 2SA1048-GR		R313	1-247-875-00	CARBON	68K 5% 1/6W
Q313	8-729-245-83	TRANSISTOR 2SC2458		R314	1-247-903-00	CARBON	1M 5% 1/6W
Q314	8-729-204-83	TRANSISTOR 2SA1048-GR		R315	1-247-807-00	CARBON	100 5% 1/6W
Q315	8-729-245-83	TRANSISTOR 2SC2458		R316	1-247-839-00	CARBON	2.2K 5% 1/6W
Q318	8-729-245-83	TRANSISTOR 2SC2458		R317	1-247-865-00	CARBON	27K 5% 1/6W
Q320	8-729-245-83	TRANSISTOR 2SC2458		R318	1-247-865-00	CARBON	27K 5% 1/6W
Q321	8-729-204-83	TRANSISTOR 2SA1048-GR		R319	1-247-831-00	CARBON	1K 5% 1/6W
Q322	8-729-245-83	TRANSISTOR 2SC2458		R320	1-247-827-00	CARBON	680 5% 1/6W
Q323	8-729-204-83	TRANSISTOR 2SA1048-GR		R321	1-247-879-00	CARBON	100K 5% 1/6W
Q324	8-729-245-83	TRANSISTOR 2SC2458		R322	1-247-827-00	CARBON	680 5% 1/6W
Q325	8-769-200-30	TRANSISTOR 2SK107-3		R323	1-247-903-00	CARBON	1M 5% 1/6W
Q326	8-769-200-30	TRANSISTOR 2SK107-3		R324	1-247-887-00	CARBON	220K 5% 1/6W
Q327	8-769-200-30	TRANSISTOR 2SK107-3		R325	1-247-847-00	CARBON	4.7K 5% 1/6W
Q328	8-769-200-30	TRANSISTOR 2SK107-3		R326	1-247-835-00	CARBON	1.5K 5% 1/6W
Q329	8-729-245-83	TRANSISTOR 2SC2458		R327	1-247-833-00	CARBON	1.2K 5% 1/6W
Q336	8-729-245-83	TRANSISTOR 2SC2458		R328	1-247-877-00	CARBON	82K 5% 1/6W
Q340	8-729-245-83	TRANSISTOR 2SC2458		R329	1-247-845-00	CARBON	3.9K 5% 1/6W
Q341	8-729-245-83	TRANSISTOR 2SC2458		R330	1-247-849-00	CARBON	5.6K 5% 1/6W
Q342	8-729-245-83	TRANSISTOR 2SC2458		R331	1-247-847-00	CARBON	4.7K 5% 1/6W
Q343	8-729-245-83	TRANSISTOR 2SC2458		R332	1-247-821-00	CARBON	390 5% 1/6W
Q344	8-729-245-83	TRANSISTOR 2SC2458		R333	1-247-815-00	CARBON	220 5% 1/6W
Q345	8-729-245-83	TRANSISTOR 2SC2458		R334	1-247-815-00	CARBON	220 5% 1/6W
Q346	8-729-245-83	TRANSISTOR 2SC2458		R335	1-247-823-00	CARBON	470 5% 1/6W
Q347	8-729-245-83	TRANSISTOR 2SC2458		R336	1-247-871-00	CARBON	47K 5% 1/6W
Q348	8-729-245-83	TRANSISTOR 2SC2458		R337	1-247-827-00	CARBON	680 5% 1/6W
Q349	8-729-204-83	TRANSISTOR 2SA1048-GR		R338	1-247-867-00	CARBON	33K 5% 1/6W
Q350	8-729-245-83	TRANSISTOR 2SC2458		R339	1-247-871-00	CARBON	47K 5% 1/6W
Q351	8-729-245-83	TRANSISTOR 2SC2458		R340	1-247-815-00	CARBON	220 5% 1/6W
Q352	8-729-245-83	TRANSISTOR 2SC2458		R341	1-247-819-00	CARBON	330 5% 1/6W
Q353	8-729-204-83	TRANSISTOR 2SA1048-GR		R342	1-247-813-00	CARBON	180 5% 1/6W
Q354	8-729-245-83	TRANSISTOR 2SC2458		R343	1-247-843-00	CARBON	3.3K 5% 1/6W
Q355	8-729-204-83	TRANSISTOR 2SA1048-GR		R344	1-247-853-00	CARBON	8.2K 5% 1/6W
Q356	8-729-204-83	TRANSISTOR 2SA1048-GR		R345	1-247-855-00	CARBON	10K 5% 1/6W
Q357	8-729-204-83	TRANSISTOR 2SA1048-GR		R346	1-247-879-00	CARBON	100K 5% 1/6W
Q358	8-729-204-83	TRANSISTOR 2SA1048-GR		R351	1-247-807-00	CARBON	100 5% 1/6W
Q359	8-729-245-83	TRANSISTOR 2SC2458		R352	1-247-825-00	CARBON	560 5% 1/6W
Q360	8-729-245-83	TRANSISTOR 2SC2458		R353	1-247-869-00	CARBON	39K 5% 1/6W
Q402	8-729-204-83	TRANSISTOR 2SA1048-GR		R354	1-247-819-00	CARBON	330 5% 1/6W
Q403	8-729-245-83	TRANSISTOR 2SC2458		R356	1-247-831-00	CARBON	1K 5% 1/6W
				R357	1-247-835-00	CARBON	1.5K 5% 1/6W
				R358	1-247-835-00	CARBON	1.5K 5% 1/6W
R301	1-247-833-00	CARBON	1.2K 5% 1/6W	R359	1-247-833-00	CARBON	1.2K 5% 1/6W
R302	1-247-833-00	CARBON	1.2K 5% 1/6W	R360	1-247-823-00	CARBON	470 5% 1/6W
R303	1-247-845-00	CARBON	3.9K 5% 1/6W	R361	1-247-831-00	CARBON	1K 5% 1/6W
R304	1-247-859-00	CARBON	15K 5% 1/6W	R362	1-247-843-00	CARBON	3.3K 5% 1/6W
R305	1-247-867-00	CARBON	33K 5% 1/6W	R364	1-247-823-00	CARBON	470 5% 1/6W
R306	1-247-879-00	CARBON	100K 5% 1/6W	R365	1-247-875-00	CARBON	68K 5% 1/6W
R307	1-247-859-00	CARBON	15K 5% 1/6W	R366	1-247-863-00	CARBON	22K 5% 1/6W
R308	1-247-867-00	CARBON	33K 5% 1/6W	R367	1-247-867-00	CARBON	33K 5% 1/6W
R309	1-247-823-00	CARBON	470 5% 1/6W	R368	1-247-855-00	CARBON	10K 5% 1/6W
R310	1-247-839-00	CARBON	2.2K 5% 1/6W	R369	1-247-871-00	CARBON	47K 5% 1/6W
R311	1-247-845-00	CARBON	3.9K 5% 1/6W	R370	1-247-875-00	CARBON	68K 5% 1/6W
R312	1-247-903-00	CARBON	1M 5% 1/6W	R371	1-247-847-00	CARBON	4.7K 5% 1/6W

BA

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
R372	1-247-867-00	CARBON	33K 5% 1/6W	R431	1-247-875-00	CARBON	68K 5% 1/6W
R373	1-247-867-00	CARBON	33K 5% 1/6W	R433	1-247-875-00	CARBON	68K 5% 1/6W
R374	1-247-867-00	CARBON	33K 5% 1/6W	R434	1-247-867-00	CARBON	33K 5% 1/6W
R375	1-247-871-00	CARBON	47K 5% 1/6W	R435	1-247-839-00	CARBON	2.2K 5% 1/6W
R377	1-247-829-00	CARBON	820 5% 1/6W	R436	1-247-875-00	CARBON	68K 5% 1/6W
R378	1-247-839-00	CARBON	2.2K 5% 1/8W F	R437	1-247-873-00	CARBON	56K 5% 1/6W
R379	1-247-853-00	CARBON	8.2K 5% 1/6W	R438	1-247-838-00	CARBON	2K 5% 1/6W
R380	1-247-837-00	CARBON	1.8K 5% 1/6W	R440	1-247-807-00	CARBON	100 5% 1/6W
R381	1-247-843-00	CARBON	3.3K 5% 1/6W	R441	1-247-875-00	CARBON	68K 5% 1/6W
R382	1-247-843-00	CARBON	3.3K 5% 1/6W	R442	1-247-873-00	CARBON	56K 5% 1/6W
R383	1-247-847-00	CARBON	4.7K 5% 1/6W	R443	1-247-839-00	CARBON	2.2K 5% 1/6W
R384	1-247-879-00	CARBON	100K 5% 1/6W	R444	1-247-839-00	CARBON	2.2K 5% 1/6W
R385	1-247-855-00	CARBON	10K 5% 1/6W	R445	1-247-863-00	CARBON	22K 5% 1/6W
R386	1-247-885-00	CARBON	180K 5% 1/6W	R446	1-247-857-00	CARBON	12K 5% 1/6W
R387	1-247-849-00	CARBON	5.6K 5% 1/6W	R447	1-247-823-00	CARBON	470 5% 1/6W
R388	1-247-859-00	CARBON	15K 5% 1/6W	R448	1-247-823-00	CARBON	470 5% 1/6W
R389	1-247-859-00	CARBON	15K 5% 1/6W	R449	1-247-871-00	CARBON	47K 5% 1/6W
R390	1-247-879-00	CARBON	100K 5% 1/6W	R451	1-247-839-00	CARBON	2.2K 5% 1/6W
R391	1-247-847-00	CARBON	4.7K 5% 1/6W	R452	1-247-827-00	CARBON	680 5% 1/6W
R392	1-247-879-00	CARBON	100K 5% 1/6W	R453	1-247-815-00	CARBON	220 5% 1/6W
R393	1-247-879-00	CARBON	100K 5% 1/6W	R454	1-247-827-00	CARBON	680 5% 1/6W
R394	1-247-875-00	CARBON	68K 5% 1/6W	R455	1-202-463-00	SOLID	2.2M 5% 1/4W
R395	1-247-855-00	CARBON	10K 5% 1/6W	R456	1-247-803-00	CARBON	68 5% 1/6W
R396	1-247-855-00	CARBON	10K 5% 1/6W	R457	1-247-815-00	CARBON	220 5% 1/6W
R397	1-247-879-00	CARBON	100K 5% 1/6W	R458	1-247-817-00	CARBON	270 5% 1/6W
R398	1-247-859-00	CARBON	15K 5% 1/6W	R459	1-247-831-00	CARBON	1K 5% 1/6W
R400	1-247-877-00	CARBON	82K 5% 1/6W	R460	1-247-827-00	CARBON	680 5% 1/6W
R401	1-247-873-00	CARBON	56K 5% 1/6W	R461	1-247-827-00	CARBON	680 5% 1/6W
R402	1-247-883-00	CARBON	150K 5% 1/6W	R462	1-247-827-00	CARBON	680 5% 1/6W
R403	1-247-867-00	CARBON	33K 5% 1/6W	R463	1-247-827-00	CARBON	680 5% 1/6W
R404	1-247-869-00	CARBON	39K 5% 1/6W	R464	1-247-831-00	CARBON	1K 5% 1/6W
R405	1-247-891-00	CARBON	330K 5% 1/6W	R465	1-247-823-00	CARBON	470 5% 1/6W
R406	1-247-870-00	CARBON	43K 5% 1/6W	R466	1-247-835-00	CARBON	1.5K 5% 1/6W
R407	1-247-867-00	CARBON	33K 5% 1/6W	R468	1-247-827-00	CARBON	680 5% 1/6W
R408	1-247-855-00	CARBON	10K 5% 1/6W	R469	1-247-855-00	CARBON	10K 5% 1/6W
R409	1-247-849-00	CARBON	5.6K 5% 1/6W	R470	1-247-863-00	CARBON	22K 5% 1/6W
R410	1-247-867-00	CARBON	33K 5% 1/6W	R471	1-247-857-00	CARBON	12K 5% 1/6W
R411	1-247-854-00	CARBON	9.1K 5% 1/6W	R472	1-247-827-00	CARBON	680 5% 1/6W
R412	1-247-863-00	CARBON	22K 5% 1/6W	R473	1-247-837-00	CARBON	1.8K 5% 1/6W
R413	1-247-815-00	CARBON	220 5% 1/6W	R474	1-247-875-00	CARBON	68K 5% 1/6W
R414	1-247-853-00	CARBON	8.2K 5% 1/6W	R475	1-247-823-00	CARBON	470 5% 1/6W
R415	1-247-815-00	CARBON	220 5% 1/6W	R477	1-247-831-00	CARBON	1K 5% 1/6W
R416	1-247-853-00	CARBON	8.2K 5% 1/6W	R478	1-247-819-00	CARBON	330 5% 1/6W
R417	1-247-879-00	CARBON	100K 5% 1/6W	R479	1-247-867-00	CARBON	33K 5% 1/6W
R418	1-247-903-00	CARBON	1M 5% 1/6W	R480	1-247-852-00	CARBON	7.5K 5% 1/6W
R419	1-247-837-00	CARBON	1.8K 5% 1/6W	R481	1-247-829-00	CARBON	820 5% 1/6W
R420	1-247-835-00	CARBON	1.5K 5% 1/6W	R482	1-247-831-00	CARBON	1K 5% 1/6W
R424	1-247-855-00	CARBON	10K 5% 1/6W	R483	1-247-815-00	CARBON	220 5% 1/6W
R425	1-247-807-00	CARBON	100 5% 1/6W	R484	1-247-863-00	CARBON	22K 5% 1/6W
R426	1-247-876-00	CARBON	75K 5% 1/6W	R485	1-247-863-00	CARBON	22K 5% 1/6W
R428	1-247-825-00	CARBON	560 5% 1/6W	R486	1-247-863-00	CARBON	22K 5% 1/6W
R429	1-247-859-00	CARBON	15K 5% 1/6W	R487	1-247-867-00	CARBON	33K 5% 1/6W
R430	1-247-807-00	CARBON	100 5% 1/6W	R490	1-247-875-00	CARBON	68K 5% 1/6W

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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
R492	1-247-879-00	CARBON	100K 5% 1/6W	R604	1-247-104-00	CARBON	75 5% 1/4W
R493	1-247-831-00	CARBON	1K 5% 1/6W	R605	1-247-104-00	CARBON	75 5% 1/4W
R494	1-247-843-00	CARBON	3.3K 5% 1/6W	R841	1-247-870-00	CARBON	43K 5% 1/6W
R495	1-247-855-00	CARBON	10K 5% 1/6W	R842	1-247-879-00	CARBON	100K 5% 1/6W
R496	1-247-871-00	CARBON	47K 5% 1/6W				<u>VARIABLE RESISTOR</u>
R497	1-247-855-00	CARBON	10K 5% 1/6W	RV301	1-226-849-00	RES, ADJ, CARBON 3.3K	
R498	1-247-855-00	CARBON	10K 5% 1/6W	RV302	1-226-852-00	RES, ADJ, CARBON 22K	
R499	1-247-855-00	CARBON	10K 5% 1/6W	RV303	1-226-852-00	RES, ADJ, CARBON 22K	
R500	1-247-807-00	CARBON	100 5% 1/6W	RV305	1-226-853-00	RES, ADJ, CARBON 47K	
R501	1-247-875-00	CARBON	68K 5% 1/6W	RV306	1-226-850-00	RES, ADJ, CARBON 4.7K	
R502	1-247-855-00	CARBON	10K 5% 1/6W	RV307	1-226-850-00	RES, ADJ, CARBON 4.7K	
R503	1-247-831-00	CARBON	1K 5% 1/6W	RV308	1-226-846-00	RES, ADJ, CARBON 470	
R504	1-247-831-00	CARBON	1K 5% 1/6W	RV309	1-226-851-00	RES, ADJ, CARBON 10K	
R505	1-247-875-00	CARBON	68K 5% 1/6W	RV330	1-226-845-00	RES, ADJ, CARBON 330	
R506	1-247-855-00	CARBON	10K 5% 1/6W	RV331	1-226-847-00	RES, ADJ, CARBON 1K	
R507	1-247-831-00	CARBON	1K 5% 1/6W	RV332	1-226-849-00	RES, ADJ, CARBON 3.3K	
R508	1-247-875-00	CARBON	68K 5% 1/6W				<u>SWITCH</u>
R509	1-247-855-00	CARBON	10K 5% 1/6W	S1	1-553-725-00	SWITCH, SLIDE	
R510	1-247-831-00	CARBON	1K 5% 1/6W	S2	1-553-725-00	SWITCH, SLIDE	
R511	1-247-807-00	CARBON	100 5% 1/6W	S3	1-553-725-00	SWITCH, SLIDE	
R512	1-247-875-00	CARBON	68K 5% 1/6W	S4	1-553-725-00	SWITCH, SLIDE	
R513	1-247-863-00	CARBON	22K 5% 1/6W	S5	1-553-725-00	SWITCH, SLIDE	
R514	1-247-863-00	CARBON	22K 5% 1/6W	S6	1-553-725-00	SWITCH, SLIDE	
R515	1-247-863-00	CARBON	22K 5% 1/6W				<u>TRANSFORMER</u>
R516	1-247-813-00	CARBON	180 5% 1/6W	T301	1-425-786-00	TRANSFORMER, BANDPASS (BPT)	
R517	1-247-831-00	CARBON	1K 5% 1/6W	T302	1-404-081-00	TRANSFORMER, DELAY ADJUST	
R518	1-247-823-00	CARBON	470 5% 1/6W	T303	1-404-146-00	TRANSFORMER	
R519	1-247-843-00	CARBON	3.3K 5% 1/6W	T304	1-408-532-00	COIL, VARIABLE	
R520	1-247-835-00	CARBON	1.5K 5% 1/6W	T305	1-408-532-00	COIL, VARIABLE	
R521	1-247-807-00	CARBON	100 5% 1/6W	T306	1-408-513-00	COIL (VARIABLE)	
R523	1-247-831-00	CARBON	1K 5% 1/6W	T307	1-409-193-00	COIL 3.58MHZ TRAP	
R524	1-247-807-00	CARBON	100 5% 1/6W	T308	1-409-193-00	COIL 3.58MHZ TRAP	
R525	1-247-869-00	CARBON	39K 5% 1/6W	T309	1-408-513-00	COIL (VARIABLE)	
R527	1-247-843-00	CARBON	3.3K 5% 1/6W				<u>THERMISTOR</u>
R528	1-247-843-00	CARBON	3.3K 5% 1/6W	TH301	1-800-626-00	THERMISTOR	
R530	1-247-814-00	CARBON	200 5% 1/6W	TH302	1-800-944-00	THERMISTOR TH-4700	
R532	1-246-457-00	CARBON	220 5% 1/4W				<u>CRYSTAL</u>
R533	1-246-457-00	CARBON	220 5% 1/4W	X301	1-527-396-00	CRYSTAL, OSC	
R535	1-247-878-00	CARBON	91K 5% 1/6W	X302	1-527-345-00	CRYSTAL, OSC	
R536	1-247-882-00	CARBON	130K 5% 1/6W				*****
R537	1-247-865-00	CARBON	27K 5% 1/6W				•:A-1135-200-A BB BOARD, COMPLETE
R538	1-247-872-00	CARBON	51K 5% 1/6W				*****
R539	1-247-829-00	CARBON	820 5% 1/6W				
R540	1-247-855-00	CARBON	10K 5% 1/6W				1-536-783-00 TERMINAL BOARD, INPUT/OUTPUT
R541	1-247-829-00	CARBON	820 5% 1/6W				•:4-323-833-00 HEAT SINK, PIN OUT
R542	1-247-831-00	CARBON	1K 5% 1/6W				
R543	1-247-838-00	CARBON	2K 5% 1/6W				
R545	1-247-883-00	CARBON	150K 5% 1/6W				
R572	1-247-838-00	CARBON	2K 5% 1/6W				
R600	1-247-104-00	CARBON	75 5% 1/4W				
R601	1-247-104-00	CARBON	75 5% 1/4W				
R602	1-247-104-00	CARBON	75 5% 1/4W				
R603	1-247-104-00	CARBON	75 5% 1/4W				

For Service Manuals
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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>		
<u>CONNECTOR</u>									
BB1	1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)		C646	1-102-820-00	CERAMIC	330PF 5% 50V		
BB2	1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C647	1-102-820-00	CERAMIC	330PF 5% 50V		
BB3	1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C648	1-123-333-00	ELECT	100MF 20% 25V		
BB4	1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		C649	1-123-333-00	ELECT	100MF 20% 25V		
BB6	1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C650	1-123-380-00	ELECT	1MF 20% 50V		
BB7	1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C651	1-123-380-00	ELECT	1MF 20% 50V		
BB8	1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		C652	1-123-380-00	ELECT	1MF 20% 50V		
BB9	1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C653	1-101-006-00	CERAMIC	0.047MF 50V		
BB11	1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C654	1-123-333-00	ELECT	100MF 20% 25V		
BB12	1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		C655	1-123-356-00	ELECT	10MF 20% 25V		
BB13	1-560-156-00	PLUG, CONNECTOR (2.5MM PITCH)		C656	1-123-356-00	ELECT	10MF 20% 25V		
BB14	1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C657	1-123-356-00	ELECT	10MF 20% 25V		
BB15	1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C658	1-123-382-00	ELECT	3.3MF 20% 50V		
BB16	1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C659	1-123-380-00	ELECT	1MF 20% 50V		
BB17	1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C661	1-102-129-00	CERAMIC	0.01MF 10% 50V		
BB18	1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C662	1-123-332-00	ELECT	47MF 20% 25V		
BB19	1-508-765-00	3P PLUG (M)		C663	1-123-332-00	ELECT	47MF 20% 25V		
<u>CAPACITOR</u>									
C601	1-123-369-00	ELECT	4.7MF	20%	25V	C667	1-102-980-00	CERAMIC	270PF 5% 50V
C602	1-123-356-00	ELECT	10MF	20%	25V	C668	1-102-980-00	CERAMIC	270PF 5% 50V
C603	1-123-331-00	ELECT	33MF	20%	25V	C669	1-123-356-00	ELECT	10MF 20% 25V
C604	1-123-356-00	ELECT	10MF	20%	25V	C670	1-123-356-00	ELECT	10MF 20% 25V
C605	1-123-332-00	ELECT	47MF	20%	25V	C671	1-123-356-00	ELECT	10MF 20% 25V
C606	1-123-356-00	ELECT	10MF	20%	25V	C672	1-102-129-00	CERAMIC	0.01MF 10% 50V
C607	1-123-332-00	ELECT	47MF	20%	25V	C676	1-101-006-00	CERAMIC	0.047MF 50V
C608	1-123-356-00	ELECT	10MF	20%	25V	C677	1-102-129-00	CERAMIC	0.01MF 10% 50V
C609	1-123-332-00	ELECT	47MF	20%	25V	C680	1-102-980-00	CERAMIC	270PF 5% 50V
C611	1-123-380-00	ELECT	1MF	20%	50V	C681	1-123-356-00	ELECT	10MF 20% 25V
C613	1-123-380-00	ELECT	1MF	20%	50V	C682	1-102-980-00	CERAMIC	270PF 5% 50V
C615	1-123-380-00	ELECT	1MF	20%	50V	C683	1-123-333-00	ELECT	100MF 20% 25V
C617	1-123-380-00	ELECT	1MF	20%	50V	C685	1-123-333-00	ELECT	100MF 20% 25V
C618	1-123-356-00	ELECT	10MF	20%	25V	C687	1-123-356-00	ELECT	10MF 20% 25V
C620	1-123-331-00	ELECT	33MF	20%	25V	C688	1-123-356-00	ELECT	10MF 20% 25V
C621	1-123-380-00	ELECT	1MF	20%	50V	C689	1-102-125-00	CERAMIC	0.0047MF 10% 50V
C622	1-123-331-00	ELECT	33MF	20%	25V	C690	1-101-006-00	CERAMIC	0.047MF 20% 25V
C623	1-102-129-00	CERAMIC	0.01MF	10%	50V	C691	1-123-332-00	ELECT	47MF 20% 25V
C624	1-123-333-00	ELECT	100MF	20%	25V	C692	1-123-380-00	ELECT	1MF 20% 50V
C626	1-123-332-00	ELECT	47MF	20%	25V	C693	1-123-380-00	ELECT	1MF 20% 50V
C627	1-101-006-00	CERAMIC	0.047MF			C698	1-101-006-00	CERAMIC	0.047MF 50V
C631	1-123-333-00	ELECT	100MF	20%	25V	C699	1-102-129-00	CERAMIC	0.01MF 10% 50V
C632	1-102-824-00	CERAMIC	470PF	5%	50V	C701	1-102-129-00	CERAMIC	0.01MF 10% 50V
C633	1-102-824-00	CERAMIC	470PF	5%	50V	C702	1-102-129-00	CERAMIC	0.01MF 10% 50V
C634	1-123-333-00	ELECT	100MF	20%	25V	C705	1-102-666-00	CERAMIC	12PF 5% 50V
C637	1-123-356-00	ELECT	10MF	20%	25V	C706	1-102-666-00	CERAMIC	12PF 5% 50V
C640	1-123-356-00	ELECT	10MF	20%	25V	C707	1-102-666-00	CERAMIC	12PF 5% 50V
C641	1-123-356-00	ELECT	10MF	20%	25V	C708	1-123-332-00	ELECT	47MF 20% 25V
C642	1-123-332-00	ELECT	47MF	20%	25V	C710	1-102-129-00	CERAMIC	0.01MF 10% 50V
C643	1-123-332-00	ELECT	47MF	20%	25V	C711	1-102-129-00	CERAMIC	0.01MF 10% 50V
C644	1-123-332-00	ELECT	47MF	20%	25V	C713	1-108-624-61	MYLAR	0.0068MF 10% 100V
C645	1-102-820-00	CERAMIC	330PF	5%	50V	C715	1-102-129-00	CERAMIC	0.01MF 10% 50V
						C716	1-102-129-00	CERAMIC	0.01MF 10% 50V

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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>		
C721	1-101-006-00	CERAMIC 0.047MF	50V	Q613	8-729-245-83	TRANSISTOR 2SC2458			
C722	1-101-006-00	CERAMIC 0.047MF	50V	Q614	8-729-245-83	TRANSISTOR 2SC2458			
C722B	1-123-380-00	ELECT 1MF	20%	Q615	8-729-245-83	TRANSISTOR 2SC2458			
C723	1-101-006-00	CERAMIC 0.047MF	50V	Q616	8-729-245-83	TRANSISTOR 2SC2458			
C723B	1-123-380-00	ELECT 1MF	20%	Q617	8-729-245-83	TRANSISTOR 2SC2458			
C724	1-101-006-00	CERAMIC 0.047MF	50V	Q618	8-729-245-83	TRANSISTOR 2SC2458			
C725	1-101-006-00	CERAMIC 0.047MF	50V	Q619	8-729-204-83	TRANSISTOR 2SA1048-GR			
C725B	1-101-004-00	CERAMIC 0.01MF	50V	Q620	8-729-204-83	TRANSISTOR 2SA1048-GR			
<u>DIODE</u>				Q621	8-729-204-83	TRANSISTOR 2SA1048-GR			
D601	8-719-911-19	DIODE ISS119		Q622	8-729-245-83	TRANSISTOR 2SC2458			
D602	8-719-911-19	DIODE ISS119		Q623	8-729-245-83	TRANSISTOR 2SC2458			
D603	8-719-911-19	DIODE ISS119		Q624	8-729-245-83	TRANSISTOR 2SC2458			
D604	8-719-911-19	DIODE ISS119		Q625	8-729-245-83	TRANSISTOR 2SC2458			
D605	8-719-911-19	DIODE ISS119		Q626	8-729-245-83	TRANSISTOR 2SC2458			
D606	8-719-911-19	DIODE ISS119		Q627	8-729-245-83	TRANSISTOR 2SC2458			
D607	8-719-911-19	DIODE ISS119		Q628	8-729-245-83	TRANSISTOR 2SC2458			
D608	8-719-911-19	DIODE ISS119		Q629	8-729-245-83	TRANSISTOR 2SC2458			
D610	8-719-911-19	DIODE ISS119		Q630	8-729-245-83	TRANSISTOR 2SC2458			
D611	8-719-911-19	DIODE ISS119		Q631	8-729-245-83	TRANSISTOR 2SC2458			
D612	8-719-911-19	DIODE ISS119		Q632	8-729-204-83	TRANSISTOR 2SA1048-GR			
D613	8-719-100-38	DIODE RD6.2E-B2		Q633	8-729-245-83	TRANSISTOR 2SC2458			
D616	8-719-981-01	DIODE ERA81-004		Q634	8-729-245-83	TRANSISTOR 2SC2458			
<u>IC</u>				Q635	8-729-245-83	TRANSISTOR 2SC2458			
IC603	8-759-900-00	IC SN74LS00N		Q636	8-729-245-83	TRANSISTOR 2SC2458			
IC604	8-759-900-00	IC SN74LS00N		Q637	8-729-245-83	TRANSISTOR 2SC2458			
IC605	8-759-951-54	IC SN75154N		Q638	8-729-245-83	TRANSISTOR 2SC2458			
IC607	8-759-974-06	IC SN7406N		Q639	8-729-245-83	TRANSISTOR 2SC2458			
IC608	8-750-000-74	IC CX20061		Q640	8-729-245-83	TRANSISTOR 2SC2458			
IC609	8-750-000-74	IC CX20061		Q641	8-729-245-83	TRANSISTOR 2SC2458			
IC610	8-750-000-74	IC CX20061		Q642	8-729-245-83	TRANSISTOR 2SC2458			
IC611	8-752-201-90	IC CX22019		Q643	8-729-245-83	TRANSISTOR 2SC2458			
IC612	8-759-905-10	IC CX884		Q644	8-729-204-83	TRANSISTOR 2SA1048-GR			
IC614	8-750-000-74	IC CX20061		Q645	8-729-204-83	TRANSISTOR 2SA1048-GR			
IC615	8-759-170-05	IC UPC78M05H		Q646	8-729-245-83	TRANSISTOR 2SC2458			
<u>COIL</u>				Q649	8-729-245-83	TRANSISTOR 2SC2458			
L601	1-408-226-00	MICRO INDUCTOR 82UH		Q650	8-729-245-83	TRANSISTOR 2SC2458			
L602	1-408-399-00	MICRO INDUCTOR 1.5UH		Q651	8-729-313-42	TRANSISTOR 2SD1134			
L603	1-408-399-00	MICRO INDUCTOR 1.5UH		<u>RESISTOR</u>					
L604	1-408-399-00	MICRO INDUCTOR 1.5UH		R601	1-247-881-00	CARBON	120K	5%	1/6W
<u>TRANSISTOR</u>				R602	1-247-895-00	CARBON	470K	5%	1/6W
Q601	8-729-245-83	TRANSISTOR 2SC2458		R603	1-247-855-00	CARBON	10K	5%	1/6W
Q602	8-729-245-83	TRANSISTOR 2SC2458		R604	1-247-842-00	CARBON	3K	5%	1/6W
Q603	8-729-245-83	TRANSISTOR 2SC2458		R606	1-247-831-00	CARBON	1K	5%	1/6W
Q604	8-729-245-83	TRANSISTOR 2SC2458		R607	1-247-807-00	CARBON	100	5%	1/6W
Q605	8-729-245-83	TRANSISTOR 2SC2458		R608	1-247-871-00	CARBON	47K	5%	1/6W
Q606	8-729-245-83	TRANSISTOR 2SC2458		R610	1-247-867-00	CARBON	33K	5%	1/6W
Q608	8-729-245-83	TRANSISTOR 2SC2458		R612	1-247-807-00	CARBON	100	5%	1/6W
Q611	8-729-245-83	TRANSISTOR 2SC2458		R615	1-247-817-00	CARBON	270	5%	1/6W
Q612	8-729-245-83	TRANSISTOR 2SC2458		R616	1-247-835-00	CARBON	1.5K	5%	1/6W
				R618	1-247-831-00	CARBON	1K	5%	1/6W
				R619	1-247-875-00	CARBON	68K	5%	1/6W
				R620	1-247-867-00	CARBON	33K	5%	1/6W

BB

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
R621	1-247-831-00	CARBON	1K 5% 1/6W	R680	1-247-843-00	CARBON	3.3K 5% 1/6W
R622	1-247-807-00	CARBON	100 5% 1/6W	R681	1-247-843-00	CARBON	3.3K 5% 1/6W
R623	1-247-831-00	CARBON	1K 5% 1/6W	R682	1-247-843-00	CARBON	3.3K 5% 1/6W
R624	1-247-875-00	CARBON	68K 5% 1/6W	R683	1-247-843-00	CARBON	3.3K 5% 1/6W
R625	1-247-867-00	CARBON	33K 5% 1/6W	R684	1-247-843-00	CARBON	3.3K 5% 1/6W
R626	1-247-831-00	CARBON	1K 5% 1/6W	R685	1-247-843-00	CARBON	3.3K 5% 1/6W
R627	1-247-807-00	CARBON	100 5% 1/6W	R686	1-247-843-00	CARBON	3.3K 5% 1/6W
R628	1-247-831-00	CARBON	1K 5% 1/6W	R687	1-247-859-00	CARBON	15K 5% 1/6W
R629	1-247-875-00	CARBON	68K 5% 1/6W	R688	1-247-831-00	CARBON	1K 5% 1/6W
R630	1-247-867-00	CARBON	33K 5% 1/6W	R689	1-247-831-00	CARBON	1K 5% 1/6W
R631	1-247-831-00	CARBON	1K 5% 1/6W	R690	1-247-831-00	CARBON	1K 5% 1/6W
R632	1-247-807-00	CARBON	100 5% 1/6W	R691	1-247-807-00	CARBON	100 5% 1/6W
R633	1-247-871-00	CARBON	47K 5% 1/6W	R692	1-247-807-00	CARBON	100 5% 1/6W
R634	1-247-867-00	CARBON	33K 5% 1/6W	R693	1-247-807-00	CARBON	100 5% 1/6W
R635	1-247-871-00	CARBON	47K 5% 1/6W	R694	1-247-831-00	CARBON	1K 5% 1/6W
R636	1-247-867-00	CARBON	33K 5% 1/6W	R695	1-247-843-00	CARBON	3.3K 5% 1/6W
R637	1-247-871-00	CARBON	47K 5% 1/6W	R696	1-247-815-00	CARBON	220 5% 1/6W
R638	1-247-867-00	CARBON	33K 5% 1/6W	R697	1-247-815-00	CARBON	220 5% 1/6W
R639	1-247-867-00	CARBON	33K 5% 1/6W	R698	1-247-815-00	CARBON	220 5% 1/6W
R640	1-247-871-00	CARBON	47K 5% 1/6W	R699	1-247-901-00	CARBON	820K 5% 1/6W
R641	1-246-873-11	CARBON	22 5% 1/4W F	R700	1-247-901-00	CARBON	820K 5% 1/6W
R642	1-247-867-00	CARBON	33K 5% 1/6W	R701	1-247-901-00	CARBON	820K 5% 1/6W
R644	1-247-807-00	CARBON	100 5% 1/6W	R702	1-247-869-00	CARBON	39K 5% 1/6W
R645	1-247-825-00	CARBON	560 5% 1/6W	R703	1-247-883-00	CARBON	150K 5% 1/6W
R646	1-247-820-00	CARBON	360 5% 1/6W	R704	1-247-867-00	CARBON	33K 5% 1/6W
R651	1-247-807-00	CARBON	100 5% 1/6W	R705	1-247-849-00	CARBON	5.6K 5% 1/6W
R652	1-247-807-00	CARBON	100 5% 1/6W	R707	1-247-863-00	CARBON	22K 5% 1/6W
R653	1-247-807-00	CARBON	100 5% 1/6W	R708	1-247-849-00	CARBON	5.6K 5% 1/6W
R654	1-247-807-00	CARBON	100 5% 1/6W	R709	1-247-791-00	CARBON	22 5% 1/6W
R655	1-247-807-00	CARBON	100 5% 1/6W	R710	1-247-825-00	CARBON	560 5% 1/6W
R657	1-247-847-00	CARBON	4.7K 5% 1/6W	R711	1-247-799-00	CARBON	47 5% 1/6W
R658	1-247-831-00	CARBON	1K 5% 1/6W	R712	1-247-791-00	CARBON	22 5% 1/6W
R659	1-247-847-00	CARBON	4.7K 5% 1/6W	R713	1-247-799-00	CARBON	47 5% 1/6W
R660	1-247-847-00	CARBON	4.7K 5% 1/6W	R714	1-247-825-00	CARBON	560 5% 1/6W
R661	1-247-847-00	CARBON	4.7K 5% 1/6W	R715	1-247-791-00	CARBON	22 5% 1/6W
R662	1-247-841-00	CARBON	2.7K 5% 1/6W	R716	1-247-825-00	CARBON	560 5% 1/6W
R663	1-247-847-00	CARBON	4.7K 5% 1/6W	R717	1-247-840-00	CARBON	2.4K 5% 1/6W
R664	1-247-831-00	CARBON	1K 5% 1/6W	R718	1-247-840-00	CARBON	2.4K 5% 1/6W
R665	1-247-875-00	CARBON	68K 5% 1/6W	R719	1-247-840-00	CARBON	2.4K 5% 1/6W
R666	1-247-867-00	CARBON	33K 5% 1/6W	R720	1-247-847-00	CARBON	4.7K 5% 1/6W
R667	1-247-831-00	CARBON	1K 5% 1/6W	R721	1-247-845-00	CARBON	3.9K 5% 1/6W
R668	1-247-807-00	CARBON	100 5% 1/6W	R722	1-247-838-00	CARBON	2K 5% 1/6W
R669	1-247-831-00	CARBON	1K 5% 1/6W	R723	1-247-838-00	CARBON	2K 5% 1/6W
R670	1-247-875-00	CARBON	68K 5% 1/6W	R724	1-247-838-00	CARBON	2K 5% 1/6W
R671	1-247-867-00	CARBON	33K 5% 1/6W	R725	1-247-823-00	CARBON	470 5% 1/6W
R672	1-247-831-00	CARBON	1K 5% 1/6W	R726	1-247-823-00	CARBON	470 5% 1/6W
R673	1-247-807-00	CARBON	100 5% 1/6W	R727	1-247-823-00	CARBON	470 5% 1/6W
R674	1-247-831-00	CARBON	1K 5% 1/6W	R728	1-247-871-00	CARBON	47K 5% 1/6W
R675	1-247-875-00	CARBON	68K 5% 1/6W	R729	1-247-855-00	CARBON	10K 5% 1/6W
R676	1-247-867-00	CARBON	33K 5% 1/6W	R730	1-247-827-00	CARBON	680 5% 1/6W
R677	1-247-807-00	CARBON	100 5% 1/6W	R731	1-247-843-00	CARBON	3.3K 5% 1/6W
R678	1-247-831-00	CARBON	1K 5% 1/6W	R732	1-247-855-00	CARBON	10K 5% 1/6W
R679	1-247-857-00	CARBON	12K 5% 1/6W	R733	1-247-851-00	CARBON	6.8K 5% 1/6W

PVM-1370QM**BB****F**

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
R734	1-247-824-00	CARBON	510 5% 1/6W	R790	1-247-831-00	CARBON	1K 5% 1/6W
R735	1-247-848-00	CARBON	5.1K 5% 1/6W	R791	1-247-121-00	CARBON	390 5% 1/4W F
R736	1-247-842-00	CARBON	3K 5% 1/6W	R792	1-212-360-00	METAL OXIDE	1 5% 1W F
R737	1-247-885-00	CARBON	180K 5% 1/6W	R793	1-247-855-00	CARBON	10K 5% 1/6W
R738	1-247-862-00	CARBON	20K 5% 1/6W	R794	1-247-807-00	CARBON	100 5% 1/6W
R739	1-247-849-00	CARBON	5.6K 5% 1/6W	R795	1-217-267-00	WIREWOUND	33 10% 3W F
R740	1-247-855-00	CARBON	10K 5% 1/6W	R797	1-247-847-00	CARBON	4.7K 5% 1/6W
R741	1-247-804-00	CARBON	75 5% 1/6W	R798	1-247-843-00	CARBON	3.3K 5% 1/6W
R742	1-247-859-00	CARBON	15K 5% 1/6W	R799	1-247-861-00	CARBON	18K 5% 1/6W
R743	1-247-804-00	CARBON	75 5% 1/6W	R800	1-247-807-00	CARBON	100 5% 1/6W
R744	1-247-859-00	CARBON	15K 5% 1/6W	R801	1-247-843-00	CARBON	3.3K 5% 1/6W
R745	1-247-843-00	CARBON	3.3K 5% 1/6W	R806	1-247-104-00	CARBON	75 5% 1/4W
R746	1-247-843-00	CARBON	3.3K 5% 1/6W	R810	1-247-799-00	CARBON	47 5% 1/6W
R747	1-247-804-00	CARBON	75 5% 1/6W	R811	1-247-838-00	CARBON	2K 5% 1/6W
R748	1-247-859-00	CARBON	15K 5% 1/6W	R812	1-247-843-00	CARBON	3.3K 5% 1/6W
R749	1-247-843-00	CARBON	3.3K 5% 1/6W	R814	1-247-843-00	CARBON	3.3K 5% 1/6W
R750	1-247-847-00	CARBON	4.7K 5% 1/6W	R815	1-247-843-00	CARBON	3.3K 5% 1/6W
R751	1-247-847-00	CARBON	4.7K 5% 1/6W	R817	1-247-831-00	CARBON	1K 5% 1/6W
R752	1-247-847-00	CARBON	4.7K 5% 1/6W	R820	1-247-863-00	CARBON	22K 5% 1/6W
R753	1-247-831-00	CARBON	1K 5% 1/6W	R821	1-247-843-00	CARBON	3.3K 5% 1/6W
R754	1-247-831-00	CARBON	1K 5% 1/6W	R822	1-247-823-00	CARBON	470 5% 1/6W
R755	1-247-831-00	CARBON	1K 5% 1/6W	R823	1-247-831-00	CARBON	1K 5% 1/6W
R756	1-247-821-00	CARBON	390 5% 1/6W	R824	1-247-831-00	CARBON	1K 5% 1/6W
R757	1-247-807-00	CARBON	100 5% 1/6W	R825	1-247-831-00	CARBON	1K 5% 1/6W
R758	1-247-821-00	CARBON	390 5% 1/6W	R826	1-247-807-00	CARBON	100 5% 1/6W
R759	1-247-807-00	CARBON	100 5% 1/6W	R827	1-247-823-00	CARBON	470 5% 1/6W
R760	1-247-821-00	CARBON	390 5% 1/6W	R841	1-247-870-00	CARBON	43K 5% 1/6W
R761	1-247-807-00	CARBON	100 5% 1/6W	R842	1-247-879-00	CARBON	100K 5% 1/6W
<u>VARIABLE RESISTOR</u>							
R764	1-247-817-00	CARBON	270 5% 1/6W	RV601	1-226-772-00	RES, ADJ, METAL GLAZE	4.7K
R765	1-247-838-00	CARBON	2K 5% 1/6W	RV602	1-226-773-00	RES, ADJ, METAL GLAZE	22K
R766	1-247-840-00	CARBON	2.4K 5% 1/6W	RV603	1-226-773-00	RES, ADJ, METAL GLAZE	22K
R767	1-247-831-00	CARBON	1K 5% 1/6W	RV604	1-226-773-00	RES, ADJ, METAL GLAZE	22K
R768	1-247-859-00	CARBON	15K 5% 1/6W	RV605	1-226-773-00	RES, ADJ, METAL GLAZE	22K

R769	1-247-804-00	CARBON	75 5% 1/6W	▲:A-1245-190-A F BOARD, COMPLETE		*****	
R770	1-247-831-00	CARBON	1K 5% 1/6W	Δ:1-534-820-XX POWER CORD		*****	
R771	1-247-859-00	CARBON	15K 5% 1/6W	1-543-194-00 CORE, BEAD		*****	
R772	1-247-886-00	CARBON	200K 5% 1/6W	3-701-748-00 CLAMP		*****	
R773	1-247-846-00	CARBON	4.3K 5% 1/6W	3-701-809-21 SCREW, TERMINAL (M3X6)		*****	
R774	1-247-851-00	CARBON	6.8K 5% 1/6W	3-701-810-31 SCREW, TERMINAL		*****	
R776	1-247-859-00	CARBON	15K 5% 1/6W	▲:3-703-141-00 HOLDER, PCB		*****	
R777	1-247-895-00	CARBON	470K 5% 1/6W	▲:4-364-719-00 CASE (A), SHIELD		*****	
R778	1-247-847-00	CARBON	4.7K 5% 1/6W	▲:4-364-720-00 CASE (B), SHIELD		*****	
R779	1-247-831-00	CARBON	1K 5% 1/6W	<u>CAPACITOR</u>		*****	
R780	1-247-871-00	CARBON	47K 5% 1/6W	C601	▲:1-130-238-00	MYLAR	0.22MF 20% 300V
R781	1-247-867-00	CARBON	33K 5% 1/6W	▲:4-316-137-00 COVER, CAPACITOR, C601		*****	
R782	1-247-863-00	CARBON	22K 5% 1/6W	C602	▲:1-130-238-00	MYLAR	0.22MF 20% 300V
R783	1-247-863-00	CARBON	22K 5% 1/6W	▲:4-316-137-00 COVER, CAPACITOR, C602		*****	
R785	1-247-849-00	CARBON	5.6K 5% 1/6W				
R786	1-247-823-00	CARBON	470 5% 1/6W				
R788	1-247-859-00	CARBON	15K 5% 1/6W				
R789	1-247-831-00	CARBON	1K 5% 1/6W				

The components identified by shading and mark ▲ are critical for safety.
Replace only with part number specified.

F

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
C605	▲.1-130-238-00	MYLAR CERAMIC			0.22MF 0.0047MF	20% 20%	300V 400V				<u>FUSE</u>
C606	1-161-738-00	CERAMIC			0.0047MF	20%	400V	F601 ▲.1-532-325-00			FUSE, TIME-LAG 6.3A
C607	1-161-738-00	CERAMIC			0.0047MF	20%	400V	1-533-087-00			HOLDER, FUSE, F601
C608	1-125-287-00	ELECT(BLOCK)			430MF	400V					
C609	1-161-738-00	CERAMIC			0.0047MF	20%	400V				
C610	1-161-953-00	CERAMIC			0.0047MF	20%	400V				<u>IC</u>
C611	1-161-738-00	CERAMIC			0.0047MF	20%	400V	IC601 8-759-000-09			IC TDA4600-2
C612	1-161-953-00	CERAMIC			0.0047MF	20%	400V	▲:4-356-301-00			HEAT SINK (D), IC601
	4-875-455-21	COVER (DIA. 20), CAPACITOR, C612									
C613	1-161-738-00	CERAMIC			0.0047MF	20%	400V				<u>COIL</u>
C614	1-161-739-00	CERAMIC			0.01MF	20%	400V	L601	1-407-180-XX	MICRO INDUCTOR 1.5UH	
C615	1-102-327-00	CERAMIC			330PF	15%	1.5KV	L602	1-408-421-00	MICRO INDUCTOR 100UH	
C616	1-129-703-00	FILM			0.0012MF	10%	630V	L603	1-425-613-00	COIL, AIR-CORE, QF TYPE	
C617	1-102-327-00	CERAMIC			330PF	15%	1.5KV	L604	1-459-215-00	CORE COIL	
C618	1-124-025-00	ELECT			100MF	20%	16V	L605	1-408-403-00	MICRO INDUCTOR 3.3UH	
C619	1-123-335-00	ELECT			330MF	20%	25V	L607	1-421-487-00	COIL, CHOKE	
C620	1-123-381-00	ELECT			2.2MF	20%	50V	L608	1-459-215-00	CORE COIL	
C621	1-102-002-00	CERAMIC			680PF	10%	500V	L611	1-407-364-00	COIL, SPOOK CHOKE	
C623	1-102-959-00	CERAMIC			22PF	5%	50V	L612	1-407-184-XX	MICRO INDUCTOR 3.3UH	
C625	1-106-200-00	MYLAR			0.015MF	10%	100V				<u>THERMISTOR</u>
C626	1-102-327-00	CERAMIC			330PF	15%	1.5KV	PTH601	1-800-665-00	THERMISTOR	
C627	1-123-024-00	ELECT			33MF	160V					<u>TRANSISTOR</u>
C628	1-124-131-00	ELECT			47MF	20%	100V	Q601	8-719-000-28	THYRISTOR CRO2AM-8	
C629	1-102-121-00	CERAMIC			0.0022MF	10%	50V	Q602	8-729-300-50	TRANSISTOR 2SC1413-SY	
C630	1-102-030-00	CERAMIC			330PF	10%	500V		3-701-353-00	SPACER, MICA, Q602	
C631	1-124-128-00	ELECT			470MF	20%	25V		3-701-609-00	BUSHING (B), TR, Q602	
C632	1-124-128-00	ELECT			470MF	20%	25V		▲:4-314-938-01	RETAINER (T0-3), TRANSISTOR, Q602	
C634	1-102-030-00	CERAMIC			330PF	10%	500V		▲:4-336-010-00	HEAT SINK, Q602	
C637	1-102-121-00	CERAMIC			0.0022MF	10%	50V				
C638	1-124-025-00	ELECT			100MF	20%	16V				
C639	1-108-849-00	MYLAR			0.1MF	10%	50V				<u>RESISTOR</u>
C645	1-108-625-61	MYLAR			0.0082MF	10%	100V	R602	1-206-688-00	METAL OXIDE 10K	
<u>DIODE</u>											
D601	8-719-911-55	DIODE U05G						R603	1-247-289-00	CARBON 8.2M	
D602	8-719-503-06	DIODE S3WB60Z						R604	1-244-929-00	CARBON 220K	
D603	8-719-100-68	DIODE RD13E-B2						R605	1-212-356-00	METAL OXIDE 0.47	
D604	8-719-300-70	DIODE RHIC						R606	1-247-844-00	CARBON 3.6K	
D605	8-719-911-19	DIODE ISS119						R607	1-244-931-00	CARBON 270K	
D606	8-719-300-45	DIODE EM1Z						R608A	1-214-913-00	CARBON METAL 100K	
D607	8-719-300-45	DIODE EM1Z						R608B	1-214-915-00	CARBON METAL 120K	
D608	8-719-911-19	DIODE ISS119						R610	1-247-819-00	CARBON 330	
D609	8-719-901-93	DIODE V19E						R611	1-246-981-00	CARBON 4.7	
D610	8-719-928-08	DIODE ERD28-08						R612	1-247-857-00	CARBON 12K	
D611	8-719-901-93	DIODE V19E						R613	1-247-833-00	CARBON 1.2K	
D612	8-719-907-30	DIODE ERB84-009						R614	1-247-855-00	CARBON 10K	
D613	8-719-901-93	DIODE V19E						R615	1-244-929-00	CARBON 220K	
<u>CONNECTOR</u>											
F1	▲:1-506-348-XX	3P PLUG (L)						R616	1-247-795-00	CARBON 33	
F2	▲:1-506-348-XX	3P PLUG (L)						R617	1-247-849-00	CARBON 5.6K	
F3	▲:1-508-765-00	3P PLUG (M)						R618	1-247-839-00	CARBON 2.2K	
F4	▲:1-508-768-00	6P PLUG						R619	1-206-519-00	CARBON 22	
								R620	1-217-305-00	WIREWOUND 39	
								R622	1-246-997-00	CARBON 1.2	

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

F C

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark	
R623	1-202-724-00	SOLID	2.7M 10% 1/2W	L702	1-407-166-XX	MICRO INDUCTOR 56UH		
* R626 Δ	1-247-869-00	CARBON	39K 5% 1/6W	L703	1-407-166-XX	MICRO INDUCTOR 56UH		
* R626 Δ	1-247-870-00	CARBON	43K 5% 1/6W	L704	1-407-701-00	MICRO INDUCTOR 47UH		
* R626 Δ	1-247-871-00	CARBON	47K 5% 1/6W	<u>TRANSISTOR</u>				
* R626 Δ	1-247-872-00	CARBON	51K 5% 1/6W	Q701	8-729-168-83	TRANSISTOR 2SC2688		
* R626 Δ	1-247-873-00	CARBON	56K 5% 1/6W	Q702	8-729-168-83	TRANSISTOR 2SC2688		
* R626 Δ	1-247-874-00	CARBON	62K 5% 1/6W	Q703	8-729-168-83	TRANSISTOR 2SC2688		
* R626 Δ	1-247-875-00	CARBON	68K 5% 1/6W	Q704	8-729-281-53	TRANSISTOR 2SC1815		
* R626 Δ	1-247-876-00	CARBON	75K 5% 1/6W	Q705	8-729-281-53	TRANSISTOR 2SC1815		
R633	1-206-690-00	METAL OXIDE	12K 5% 2W F	Q706	8-729-281-53	TRANSISTOR 2SC1815		
R634	1-247-791-00	CARBON	22 5% 1/8W F	<u>RESISTOR</u>				
RV601	1-226-850-00	RES, ADJ, CARBON 4.7K		R701	1-247-119-00	CARBON	330 5% 1/4W	
<u>TRANSFORMER</u>								
T601 Δ	1-421-352-00	TRANSFORMER, FERRITE		R702	1-246-480-00	CARBON	2K 5% 1/4W	
T602 Δ	1-421-352-00	TRANSFORMER, FERRITE		R703	1-206-743-00	METAL OXIDE	5.6K 5% 3W F	
T603 Δ	1-421-584-00	TRANSFORMER, FERRITE (SRT)		R704	1-246-480-00	CARBON	2K 5% 1/4W	
<u>THERMISTOR</u>								
TH601	1-800-820-00	THERMISTOR, POWER		R705	1-247-119-00	CARBON	330 5% 1/4W	

*:A-1330-452-A C BOARD, COMPLETE				R706	1-206-743-00	METAL OXIDE	5.6K 5% 3W F	
*****				R707	1-247-119-00	CARBON	330 5% 1/4W	
*:1-609-700-00 C BOARD				R708	1-246-480-00	CARBON	2K 5% 1/4W	
1-526-645-00 SOCKET, CRT				R709	1-206-743-00	METAL OXIDE	5.6K 5% 3W F	
*:1-556-148-00 CONNECTOR ASSY, MINIATURE 3P				R710	1-202-824-00	SOLID	3.3K 1/2W	
*:1-556-396-00 CONNECTOR ASSY (2.5MM) 5P				R711	1-202-722-00	SOLID	1.8M 10% 1/2W	
<u>CONNECTOR</u>								
C1	:1-508-765-00	3P PLUG (M)		R712	1-202-824-00	SOLID	3.3K 1/2W	
C2	:1-508-786-00	2P PLUG (M)		R713	1-202-824-00	SOLID	1.2M 10% 1/2W	
<u>CAPACITOR</u>								
C701	1-121-759-00	ELECT	4.7MF	R714	1-202-815-51	SOLID	47K 1/2W	
C702	1-129-737-00	FILM	0.047MF	R715	1-202-824-00	SOLID	3.3K 1/2W	
C703	1-102-249-00	CERAMIC	680PF	R716	1-202-824-00	SOLID	1.8M 10% 1/2W	
C704	1-123-356-00	ELECT	10MF	R717	1-202-834-00	SOLID	27K 1/2W	
C705	1-108-433-00	MYLAR	0.1MF	R718	1-202-549-00	SOLID	100 10% 1/2W	

C706	1-102-822-00	CERAMIC	390PF	R719	1-202-842-51	SOLID	220K 1/2W	
C707	1-102-822-00	CERAMIC	390PF	R720	1-202-719-00	SOLID	1M 10% 1/2W	
C708	1-102-824-00	CERAMIC	470PF	R721	1-202-824-00	SOLID	3.3K 1/2W	
C709	1-161-830-00	CERAMIC	0.0047MF	R722	1-202-719-00	SOLID	1M 10% 1/2W	
C710	1-102-219-00	CERAMIC	680PF	R723	1-247-155-00	CARBON	10K 5% 1/4W	

C711	1-123-356-00	ELECT	10MF	R724	1-247-155-00	CARBON	10K 5% 1/4W	
<u>DIODE</u>								
D701	8-719-300-76	DIODE RH1A		R725	1-247-155-00	CARBON	10K 5% 1/4W	
D702	8-719-300-76	DIODE RH1A		R726	1-247-155-00	CARBON	10K 5% 1/4W	
D703	8-719-300-76	DIODE RH1A		R727	1-247-091-00	CARBON	22 5% 1/4W	

<u>COIL</u>								
L701	1-407-166-XX	MICRO INDUCTOR 56UH		R728	1-246-437-00	CARBON	33 5% 1/4W	

<u>VARIABLE RESISTOR</u>								
RV701	1-224-644-XX	RES, ADJ, CARBON 4.7K		R729	1-246-437-00	CARBON	33 5% 1/4W	
RV702	1-224-643-XX	RES, ADJ, CARBON 2.2K		R730	1-246-457-00	CARBON	220 5% 1/4W	
RV703	1-224-644-XX	RES, ADJ, CARBON 4.7K		R731	1-246-457-00	CARBON	220 5% 1/4W	

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- * Selected to yield optimum performance.

C	D
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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
RV704	1-224-643-XX	RES, ADJ, CARBON 2.2K		C544	1-101-821-00	CERAMIC	0.0022MF 500V
RV705	1-224-644-XX	RES, ADJ, CARBON 4.7K		C545	1-123-380-00	ELECT	1MF 20% 50V
RV706	1-224-643-XX	RES, ADJ, CARBON 2.2K		C547	1-123-332-00	ELECT	47MF 20% 16V
RV706	1-226-063-00	RES, ADJ, CARBON 2.2M		C548	1-123-332-00	ELECT	47MF 20% 16V
RV707	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M		C549	1-123-330-00	ELECT	22MF 20% 16V

▲:A-1345-405-A D BOARD, COMPLETE				C551	1-102-228-00	CERAMIC	470PF 10% 500V
*****				C552	1-106-196-00	MYLAR	0.01MF 10% 100V
▲:4-340-905-00 HEAT SINK, V OUT				C559	1-108-579-00	MYLAR	0.01MF 5% 50V
▲:4-364-749-00 PLATE, SHIELD, F.B.T				C560	1-123-318-00	ELECT	33MF 20% 16V
CAPACITOR				C562	1-123-380-00	ELECT	1MF 20% 50V
C501	1-123-380-00	ELECT	1MF 20% 50V	C563	1-123-332-00	ELECT	47MF 20% 25V
C502	1-123-380-00	ELECT	1MF 20% 50V	C564	1-123-369-00	ELECT	4.7MF 20% 25V
C503	1-108-603-00	MYLAR	0.01MF 5% 50V	C802	1-123-379-00	ELECT	0.47MF 20% 50V
C504	1-131-448-00	TANTALUM	1MF 5% 35V	C803	1-123-379-00	ELECT	0.47MF 20% 50V
C505	1-123-324-00	ELECT	1000MF 20% 16V	C804	1-106-196-00	MYLAR	0.01MF 10% 100V
C506	1-123-321-00	ELECT	220MF 20% 16V	C805	1-123-331-00	ELECT	33MF 20% 25V
C507	1-106-196-00	MYLAR	0.01MF 10% 100V	C806	1-123-331-00	ELECT	33MF 20% 25V
C508	1-106-200-00	MYLAR	0.015MF 10% 100V	C807	1-106-184-00	MYLAR	0.0033MF 5% 50V
C509	1-123-381-00	ELECT	2.2MF 20% 100V	C808	1-130-022-00	FILM	0.0022MF 5% 50V
C510	1-161-959-00	CERAMIC	22PF 10% 500V	C809	1-123-357-00	ELECT	22MF 20% 50V
C511	1-123-345-00	ELECT	100MF 20% 35V	C810	1-121-246-00	ELECT	4.7MF 160V
C512	1-123-369-00	ELECT	4.7MF 20% 50V	C811	1-101-004-00	CERAMIC	0.01MF 50V
C514	1-123-332-00	ELECT	47MF 20% 16V	C812	1-106-220-00	MYLAR	0.1MF 10% 100V
C515	1-123-332-00	ELECT	47MF 20% 16V	C813	1-123-380-00	ELECT	1MF 20% 50V
C516	1-123-337-00	ELECT	1000MF 20% 25V	C814	1-123-380-00	ELECT	1MF 20% 50V
C517	1-123-369-00	ELECT	4.7MF 20% 50V	C815	1-106-216-00	MYLAR	0.068MF 10% 100V
C518	1-131-539-00	TANTALUM	2.2MF 5% 20V	C816	1-121-806-00	ELECT	10MF 16V
C519	1-123-286-00	ELECT	0.33MF 20% 50V	C817	1-123-380-00	ELECT	1MF 20% 50V
C520	1-123-447-00	ELECT	0.22MF 20% 50V	C818	1-102-820-00	CERAMIC	330PF 5% 200V
C521	1-123-362-00	ELECT	330MF 20% 50V	C819	1-108-689-11	MYLAR	0.0056MF 10% 200V
C522	1-123-356-00	ELECT	10MF 20% 25V	C820	1-101-810-00	CERAMIC	100PF 5% 500V
C523	1-123-332-00	ELECT	47MF 20% 16V	C821	1-102-030-00	CERAMIC	330PF 10% 500V
C524	1-106-180-00	MYLAR	0.0022MF 10% 100V	C822	1-123-003-00	ELECT	1MF 250V
C525	1-121-999-00	ELECT	10MF 160V	C823	1-130-069-00	FILM	0.43MF 5% 200V
C526	1-123-380-00	ELECT	1MF 20% 50V	C825	1-123-346-00	ELECT	220MF 20% 35V
C527	1-106-206-00	MYLAR	0.027MF 10% 100V	C826	1-129-706-00	FILM	0.0022MF 10% 630V
C528	1-106-206-00	MYLAR	0.027MF 10% 100V	C827	1-101-004-00	CERAMIC	0.01MF 50V
C529	1-123-380-00	ELECT	1MF 20% 50V	C828	1-121-999-00	ELECT	10MF 160V
C530	1-123-332-00	ELECT	47MF 20% 16V	C829	1-123-024-00	ELECT	33MF 160V
C531	1-123-332-00	ELECT	47MF 20% 16V	C830	1-108-429-00	MYLAR	0.047MF 10% 200V
C533	1-123-332-00	ELECT	47MF 20% 16V	C832	▲:1-161-753-00	CERAMIC	470PF 10% 3KV
C534	1-108-579-00	MYLAR	0.01MF 5% 50V	C833	1-123-379-00	ELECT	0.47MF 20% 50V
C535	1-123-330-00	ELECT	22MF 20% 16V	C834	1-102-212-00	CERAMIC	820PF 10% 500V
C537	1-123-380-00	ELECT	1MF 20% 50V	C835	1-106-180-00	MYLAR	0.0022MF 10% 100V
C538	1-106-216-00	MYLAR	0.068MF 10% 100V	C836	1-102-531-00	CERAMIC	150PF 5% 50V
C539	1-102-121-00	CERAMIC	0.0022MF 10% 50V	C837	1-123-586-00	ELECT	0.1MF 20% 50V
C540	1-102-824-00	CERAMIC	470PF 5% 50V	C838	1-123-380-00	ELECT	1MF 20% 50V
C541	1-102-820-00	CERAMIC	330PF 5% 50V	C839	1-123-331-00	ELECT	33MF 20% 25V
C542	1-123-026-00	ELECT	2.2MF 160V	C841	▲:1-161-961-00	CERAMIC	0.0022MF 10% 3KV
C543	1-123-380-00	ELECT	1MF 20% 100V	C843	1-123-369-00	ELECT	4.7MF 20% 50V

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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>			<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
C847 \triangle .1-136-044-00	FILM	0.0017MF	3%	1.6KV		D806	8-719-300-76	DIODE RH1A	
C848 \triangle .1-136-044-00	FILM	0.0017MF	3%	1.6KV		D807	8-719-903-09	DIODE V30N	
C850 1-102-030-00	CERAMIC	330PF	10%	500V		D809	8-719-901-93	DIODE V19E	
C852 1-101-006-00	CERAMIC	0.047MF		50V		D810	8-719-911-19	DIODE ISS119	
C853 1-106-188-00	MYLAR	0.0047MF	10%	100V		D811	8-719-911-19	DIODE ISS119	
C854 1-102-223-00	CERAMIC	0.0047MF	10%	2KV		D812	8-719-100-30	DIODE RD5.1E-B2	
C855 1-123-381-00	ELECT	2.2MF	20%	50V		D813	8-719-300-45	DIODE EM1Z	
C856 1-106-188-00	MYLAR	0.0047MF	10%	100V		D814	8-719-300-45	DIODE EM1Z	
C857 1-123-357-00	ELECT	22MF	20%	50V		D815	8-719-911-19	DIODE ISS119	
C858 1-121-999-00	ELECT	10MF		160V		D816	8-719-911-19	DIODE ISS119	
C859 1-123-357-00	ELECT	22MF	20%	50V		D817	8-719-300-76	DIODE RH1A	
C862 1-102-824-00	CERAMIC	470PF	5%	50V		D818	8-719-300-76	DIODE RH1A	
C863 1-102-074-00	CERAMIC	0.001MF	10%	50V		D819	8-719-300-76	DIODE RH1A	
C864 1-102-976-00	CERAMIC	180PF	5%	50V		D820	8-719-911-19	DIODE ISS119	
C865 1-123-369-00	ELECT	4.7MF	20%	50V					<u>CONNECTOR</u>
C875 1-106-196-00	MYLAR	0.01MF	10%	100V		DY1 \triangle :1-506-348-XX	4P PLUG		
						DY2 \triangle :1-506-348-XX	4P PLUG		
									<u>IC</u>
D2 \triangle :1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)					IC501	8-759-878-03	IC LA7802	
D3 \triangle :1-508-765-00	3P PLUG (M)					IC502	8-759-113-58	IC UPC1358H	
D4 \triangle :1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P					IC503	8-759-979-16	IC CX7916	
D5 \triangle :1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P					IC504	8-752-006-10	IC CX20061	
D6 \triangle :1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)					IC505	8-759-145-58	IC UPC4558C	
D7 \triangle :1-508-765-00	3P PLUG (M)					IC506	8-719-907-13	DIODE PC713	
D8 \triangle :1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P					IC801	8-759-240-11	IC TC4011BP	
D9 \triangle :1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P								<u>COIL</u>
D10 \triangle :1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)					L801	1-408-247-00	MICRO INDUCTOR 33MMH	
D11 \triangle :1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P					L802	1-408-247-00	MICRO INDUCTOR 33MMH	
D12 \triangle :1-508-768-00	6P PLUG					L803 \triangle .1-459-451-00	COIL, FERRITE		
D13 \triangle :1-508-765-00	3P PLUG (M)					L804 \triangle .1-459-261-00	COIL, VARIABLE		
D14 \triangle :1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)					L805 \triangle .1-459-155-00	COIL (WITH CORE) 45MH		
D16 \triangle :1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)					L806 \triangle .1-459-155-00	COIL (WITH CORE) 45MH		
D17 \triangle :1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P					L807 \triangle .1-459-261-00	COIL, VARIABLE		
D18 \triangle :1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P					L808	1-407-501-00	MICRO INDUCTOR 5.6MMH	
						L809	1-407-841-00	COIL 15UH	
						L811	1-407-166-XX	MICRO INDUCTOR 56UH	
						L812	1-459-155-00	COIL (WITH CORE) 45MH	
						L813	1-407-364-00	COIL, SPOOK CHOKE	
						L814	1-408-349-00	COIL, CHOKE	
						L815	1-407-494-00	MICRO INDUCTOR 1.5MMH	
						L816 \triangle .1-459-457-00	COIL, VARIABLE		
						L817	1-407-693-00	MICRO INDUCTOR 10UH	
						L818	1-407-501-00	MICRO INDUCTOR 5.6MMH	
									<u>TRANSISTOR</u>
D501 8-719-911-19	DIODE ISS119					Q501	8-729-204-83	TRANSISTOR 2SA1048-GR	
D502 8-719-911-19	DIODE ISS119					Q502	8-729-313-42	TRANSISTOR 2SD1134	
D503 8-719-113-07	DIODE RD13E					Q503	8-729-245-83	TRANSISTOR 2SC2458	
D504 8-719-911-55	DIODE U05G					Q504	8-729-245-83	TRANSISTOR 2SC2458	
D505 8-719-911-19	DIODE ISS119					Q505	8-729-204-83	TRANSISTOR 2SA1048-GR	
D507 8-719-911-19	DIODE ISS119								
D508 8-719-911-19	DIODE ISS119								
D509 8-719-911-19	DIODE ISS119								
D513 8-719-300-45	DIODE EM1Z								
D515 8-719-911-55	DIODE U05G								
D516 8-719-911-19	DIODE ISS119								
D801 8-719-100-80	DIODE RD20E-B2								
D802 8-719-911-55	DIODE U05G								
D803 8-719-300-76	DIODE RH1A								
D804 8-719-300-76	DIODE RH1A								
D805 8-719-901-93	DIODE V19E								

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
Q506	8-729-245-83	TRANSISTOR 2SC2458		R523	1-247-883-00	CARBON	150K 5% 1/6W
Q507	8-729-245-83	TRANSISTOR 2SC2458		R524	1-247-831-00	CARBON	1K 5% 1/6W
Q508	8-729-204-83	TRANSISTOR 2SA1048-GR		R525	1-247-841-00	CARBON	2.7K 5% 1/6W
Q509	8-729-245-83	TRANSISTOR 2SC2458		R527	1-247-844-00	CARBON	3.6K 5% 1/6W
Q510	8-729-245-83	TRANSISTOR 2SC2458		R529	1-247-841-00	CARBON	2.7K 5% 1/6W
Q511	8-729-245-83	TRANSISTOR 2SC2458		R530	1-247-849-00	CARBON	5.6K 5% 1/6W
Q512	8-729-245-83	TRANSISTOR 2SC2458		R531	1-247-855-00	CARBON	10K 5% 1/6W
Q513	8-729-245-83	TRANSISTOR 2SC2458		R532	1-247-862-00	CARBON	20K 5% 1/6W
Q514	8-729-204-83	TRANSISTOR 2SA1048-GR		R533	1-247-843-00	CARBON	3.3K 5% 1/6W
Q515	8-729-204-83	TRANSISTOR 2SA1048-GR		R534	1-247-843-00	CARBON	3.3K 5% 1/6W
Q516	8-729-245-83	TRANSISTOR 2SC2458		R535	1-247-855-00	CARBON	10K 5% 1/6W
Q518	8-729-245-83	TRANSISTOR 2SC2458		R536	1-247-855-00	CARBON	10K 5% 1/6W
Q519	8-729-204-83	TRANSISTOR 2SA1048-GR		R537	1-246-465-00	CARBON	470 5% 1/4W
Q520	8-729-255-12	TRANSISTOR 2SC2551		R538	1-215-481-00	METAL	330K 1% 1/6W
Q521	8-729-238-32	TRANSISTOR 2SC2383		R539	1-247-876-00	CARBON	75K 5% 1/6W
Q522	8-729-201-32	TRANSISTOR 2SA1013		R540	1-247-839-00	CARBON	2.2K 5% 1/6W
Q523	8-729-245-83	TRANSISTOR 2SC2458		R541	1-247-839-00	CARBON	2.2K 5% 1/6W
Q524	8-729-245-83	TRANSISTOR 2SC2458		R542	1-247-867-00	CARBON	33K 5% 1/6W
Q801	8-729-168-82	TRANSISTOR 2SC2688		R543	1-247-831-00	CARBON	1K 5% 1/6W
Q544	1-247-831-00	CARBON		R544	1-247-831-00	CARBON	1K 5% 1/6W
Q802	8-729-177-43	TRANSISTOR 2SD774		R545	1-247-819-00	CARBON	330 5% 1/6W
Q803	8-729-287-00	TRANSISTOR 2SD870		R546	1-247-875-00	CARBON	68K 5% 1/6W
	3-701-353-00	SPACER, MICA, Q803		R547	1-247-857-00	CARBON	12K 5% 1/6W
	3-701-609-00	BUSHING (B), TR, Q803		R548	1-247-855-00	CARBON	10K 5% 1/6W
	♦:4-314-938-01	RETAINER (T0-3), TRANSISTOR, Q803		R549	1-247-843-00	CARBON	3.3K 5% 1/6W
Q805	8-729-245-83	TRANSISTOR 2SC2458		R550	1-247-807-00	CARBON	100 5% 1/6W
Q806	8-729-245-83	TRANSISTOR 2SC2458		R551	1-247-873-00	CARBON	56K 5% 1/6W
Q807	8-729-213-12	TRANSISTOR 2SC2230A		R552	1-247-872-00	CARBON	51K 5% 1/6W
Q808	8-729-177-43	TRANSISTOR 2SD774		R553	1-247-847-00	CARBON	4.7K 5% 1/6W
Q809	8-729-612-77	TRANSISTOR 2SA1027R		R554	1-247-861-00	CARBON	18K 5% 1/6W
Q810	8-729-177-43	TRANSISTOR 2SD774		R555	1-247-841-00	CARBON	2.7K 5% 1/6W
	<u>RESISTOR</u>			R557	1-247-807-00	CARBON	100 5% 1/6W
R501	1-247-831-00	CARBON	1K 5% 1/6W	R558	1-247-831-00	CARBON	1K 5% 1/6W
R502	1-247-869-00	CARBON	39K 5% 1/6W	R559	1-247-875-00	CARBON	68K 5% 1/6W
R503	1-247-897-00	CARBON	560K 5% 1/6W	R561	1-247-807-00	CARBON	100 5% 1/6W
R504	1-247-833-00	CARBON	1.2K 5% 1/6W	R562	1-247-841-00	CARBON	2.7K 5% 1/6W
R505	1-247-839-00	CARBON	2.2K 5% 1/6W	R563	1-247-807-00	CARBON	100 5% 1/6W
R506	1-247-887-00	CARBON	220K 5% 1/6W	R564	1-247-852-00	CARBON	7.5K 5% 1/6W
R508	1-247-831-00	CARBON	1K 5% 1/6W	R565	1-247-879-00	CARBON	100K 5% 1/6W
R509	1-247-855-00	CARBON	10K 5% 1/6W	R566	1-247-807-00	CARBON	100 5% 1/6W
R510	1-246-458-00	CARBON	240 5% 1/4W	R567	1-247-825-00	CARBON	560 5% 1/6W
R511	1-215-471-00	METAL	120K 1% 1/6W	R568	1-247-840-00	CARBON	2.4K 5% 1/6W
R512	1-212-970-51	FUSIBLE	33 5% 1/2W F	R569	1-247-831-00	CARBON	1K 5% 1/6W
R513	1-217-477-00	FUSIBLE	4.7 5% 1W F	R570	1-247-807-00	CARBON	100 5% 1/6W
R514	1-247-829-00	CARBON	820 5% 1/6W	R571	1-247-831-00	CARBON	1K 5% 1/6W
R515	1-215-466-00	METAL	75K 1% 1/6W	R572	1-247-889-00	CARBON	270K 5% 1/6W
R516	1-247-839-00	CARBON	2.2K 5% 1/6W	R573	1-247-865-00	CARBON	27K 5% 1/6W
R517	1-247-819-00	CARBON	330 5% 1/6W	R574	1-247-835-00	CARBON	1.5K 5% 1/6W
R519	1-215-458-00	METAL	36K 1% 1/6W	R575	1-247-851-00	CARBON	6.8K 5% 1/6W
R520	1-247-871-00	CARBON	47K 5% 1/6W	R576	1-247-840-00	CARBON	2.4K 5% 1/6W
R521	1-212-365-00	METAL OXIDE	2.7 5% 1W F	R581	1-247-855-00	CARBON	10K 5% 1/6W
R522	1-247-850-00	CARBON	6.2K 5% 1/6W	R582	1-247-204-00	CARBON	33 5% 1/2W F
				R583	1-247-831-00	CARBON	1K 5% 1/6W

PVM-1370QM**D**

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>				
R584	1-247-878-00	CARBON	91K 5% 1/6W	R828	1-244-923-00	CARBON	120K 5% 1/2W				
R585	1-212-992-00	FUSIBLE	270 5% 1/2W F	R828A	1-244-923-00	CARBON	120K 5% 1/2W				
R586	1-246-507-00	CARBON	27K 5% 1/4W	R829A	1-214-879-00	METAL	4.3K 1% 1/2W				
R587	1-247-155-00	CARBON	10K 5% 1/4W	R829B	1-214-880-00	METAL	4.7K 1% 1/2W				
R589	1-247-831-00	CARBON	1K 5% 1/6W	R830	1-247-614-00	CARBON	3.3K 5% 1/8W				
R590	1-247-827-00	CARBON	680 5% 1/6W	R831	1-213-143-00	METAL OXIDE	1K 5% 1W F				
R591	1-247-204-00	CARBON	33 5% 1/2W F	R832	1-247-840-00	CARBON	2.4K 5% 1/6W				
R592	1-247-879-00	CARBON	100K 5% 1/6W	R833	1-247-662-00	CARBON	560 5% 1/4W F				
R593	1-247-841-00	CARBON	2.7K 5% 1/6W	R834	1-247-228-00	CARBON	330 5% 1/2W				
R594	1-247-875-00	CARBON	68K 5% 1/6W	R835	1-247-864-00	CARBON	24K 5% 1/6W				
R595	1-247-873-00	CARBON	56K 5% 1/6W	R838	1-247-840-00	CARBON	2.4K 5% 1/6W				
R596	1-247-807-00	CARBON	100 5% 1/6W	R839	1-247-855-00	CARBON	10K 5% 1/6W				
R597	1-247-807-00	CARBON	100 5% 1/6W	R840	1-247-838-00	CARBON	2K 5% 1/6W				
R598	1-247-852-00	CARBON	7.5K 5% 1/6W	R841	1-247-824-00	CARBON	510 5% 1/6W				
R599	1-215-454-00	METAL	24K 1% 1/6W	R842	1-247-839-00	CARBON	2.2K 5% 1/6W				
R601	1-247-843-00	CARBON	3.3K 5% 1/6W	R843	1-247-889-00	CARBON	270K 5% 1/6W				
R602	1-247-855-00	CARBON	10K 5% 1/6W	R844	1-247-883-00	CARBON	150K 5% 1/6W				
R603	1-247-855-00	CARBON	10K 5% 1/6W	R845	1-247-874-00	CARBON	62K 5% 1/6W				
R604	1-202-649-15	SOLID	1.5M 5% 1/2W	R846 A. 1-247-862-00	CARBON ROT 2120K	5% 831 1/6W-8	LOSC				
R605	1-247-854-00	CARBON	9.1K 5% 1/6W	R846 A. 1-247-863-00	CARBON	22K 5% 1/6W					
R606	1-247-843-00	CARBON	3.3K 5% 1/6W	R846 A. 1-247-864-00	CARBON ROT 2124K	5% 831 1/6W-8	E080				
R607	1-213-137-00	METAL OXIDE	330 5% 1W F	R846 A. 1-247-865-00	CARBON ROT 2127K	5% 831 1/6W-8	E080				
R608	1-213-137-00	METAL OXIDE	330 5% 1W F	R846 A. 1-247-866-00	CARBON ROT 2130K	5% 831 1/6W-8	E080				
R612	1-212-861-11	FUSIBLE	15 5% 1/4W F	R846 A. 1-247-867-00	CARBON ROT 2133K	5% 831 1/6W-8	E080				
R613	1-247-834-00	CARBON	1.3K 5% 1/6W	R846 A. 1-247-869-00	CARBON	39K 5% 1/6W	E080				
R615 A. 1-246-417-00	CARBON	10K 5% 1/4W	R846 A. 1-247-871-00	CARBON	10K 5% 1/6W	E080					
R615 A. 1-246-418-00	CARBON	10K 5% 1/4W	R846 A. 1-247-873-00	CARBON	10K 5% 1/6W	E080					
R615 A. 1-246-419-00	CARBON	10K 5% 1/4W	R846 A. 1-247-875-00	CARBON	10K 5% 1/6W	E080					
R615 A. 1-246-420-00	CARBON	10K 5% 1/4W	R847	1-247-851-00	CARBON	6.8K 5% 1/6W					
R615 A. 1-246-422-00	CARBON	10K 5% 1/4W	R848	1-247-857-00	CARBON	12K 5% 1/6W					
R615 A. 1-246-424-00	CARBON	10K 5% 1/4W	R849	1-247-855-00	CARBON	10K 5% 1/6W					
R615 A. 1-246-427-00	CARBON	10K 5% 1/4W	R850	1-247-850-00	CARBON	6.2K 5% 1/6W					
R616	1-247-879-00	CARBON	100K 5% 1/6W	R851	1-247-859-00	CARBON	15K 5% 1/6W				
R617	1-247-807-00	CARBON	100 5% 1/6W	R852	1-247-849-00	CARBON	5.6K 5% 1/6W				
R618	1-247-847-00	CARBON	4.7K 5% 1/6W	R853	1-247-831-00	CARBON	1K 5% 1/6W				
R619A	1-247-852-00	CARBON	7.5K 5% 1/6W	R854	1-206-745-00	METAL OXIDE	6.8K 5% 3W F				
R619B	1-206-660-00	METAL OXIDE	680 5% 2W F	R855	1-247-873-00	CARBON	56K 5% 1/6W				
R801	1-247-852-00	CARBON	7.5K 5% 1/6W	R856	1-247-858-00	CARBON	13K 5% 1/6W				
R802	1-247-869-00	CARBON	39K 5% 1/6W	R857	1-217-418-00	FUSIBLE	0.47 10% 1/2W F				
R804	1-206-746-00	METAL OXIDE	7.5K 5% 3W F	R858	1-217-418-00	FUSIBLE	0.47 10% 1/2W F				
R805	1-247-831-00	CARBON	1K 5% 1/8W F	R859	1-247-800-00	CARBON	51 5% 1/6W				
R806	1-247-852-00	CARBON	7.5K 5% 1/6W	R860	1-247-861-00	CARBON	18K 5% 1/6W				
R808	1-247-799-00	CARBON	47 5% 1/6W	R861	1-247-890-00	CARBON	300K 5% 1/6W				
R809	1-247-822-00	CARBON	430 5% 1/6W	R862	1-246-509-00	CARBON	33K 5% 1/4W				
R810	1-247-819-00	CARBON	330 5% 1/6W	R863	1-247-861-00	CARBON	18K 5% 1/6W				
R811	1-247-831-00	CARBON	1K 5% 1/6W	R864	1-247-867-00	CARBON	33K 5% 1/6W				
R812	1-212-358-00	METAL OXIDE	0.68 5% 1W F	R865	1-211-533-00	CARBON	300 5% 1/4W F				
R813	1-247-822-00	CARBON	430 5% 1/6W	R868	1-247-646-00	CARBON	1 5% 1/4W F				
R814	1-247-141-00	CARBON	2.7K 5% 1/4W	R869	1-247-831-00	CARBON	1K 5% 1/6W				
R815	1-247-855-00	CARBON	10K 5% 1/6W	R870	1-247-646-00	CARBON	1 5% 1/4W F				
R816	1-247-859-00	CARBON	15K 5% 1/6W	R871	1-247-831-00	CARBON	1K 5% 1/6W				
R817	1-247-864-00	CARBON	24K 5% 1/6W	R872	1-213-149-00	METAL OXIDE	3.3 5% 1W F				
R818	1-213-159-00	METAL OXIDE	22K 5% 1W F	VARIABLE RESISTOR							
R819	1-247-012-00	CARBON	1K 5% 1/4W F	RV501	1-226-136-00	RES, ADJ, CARBON	10K				
R820	1-247-659-00	CARBON	68 5% 1/4W F	RV502	1-224-965-00	RES, ADJ, CARBON	470				
R821	1-213-129-00	METAL OXIDE	68 5% 1W F	RV503	1-224-965-00	RES, ADJ, CARBON	470				
R822	1-206-664-00	METAL OXIDE	1K 5% 2W F	RV504	1-226-774-00	RES, ADJ, METAL GLAZE	47K				
R823	1-206-660-00	METAL OXIDE	680 5% 2W F	RV506	1-223-021-00	RES, ADJ, WIREWOUND	1K				
R825	1-244-925-00	CARBON	150K 5% 1/2W	RV801	1-228-160-11	RES, ADJ, METAL GLAZE	5K				
				RV802	1-226-852-00	RES, ADJ, CARBON	22K				
				RV803	1-226-057-00	RES, ADJ, CARBON	22K				

The components identified by shading and mark **A** are critical for safety.
Replace only with part number specified.

* Selected to yield optimum performance.

D	H	D2
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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
RV804	1-228-577-00	RES, ADJ, CARBON 220		R406	1-247-831-00	CARBON 1K 5% 1/6W	
		<u>RELAY</u>		R407	1-247-852-00	CARBON 7.5K 5% 1/6W	
RY501	1-515-323-00	RELAY		R408	1-247-831-00	CARBON 1K 5% 1/6W	
RY801	1-515-357-00	RELAY		R409	1-247-867-00	CARBON 33K 5% 1/6W	
RY802	1-515-307-00	RELAY				<u>VARIABLE RESISTOR</u>	
		<u>SPARK GAP</u>					
SG801	1-519-063-XX	DISCHARGING GAP		RV401	1-228-937-00	RES, ADJ, CARBON 20K	
		<u>TRANSFORMER</u>		RV402	1-228-938-00	RES, ADJ, CARBON 20K	
T501	Δ-1-427-512-00	TRANSFORMER, INPUT/OUTPUT		RV403	1-228-938-00	RES, ADJ, CARBON 20K	
T801	1-437-090-00	HDT		RV404	1-228-938-00	RES, ADJ, CARBON 20K	
T802	Δ-1-439-308-00	TRANSFORMER ASSY, FLYBACK		RV405	1-228-936-00	RES, ADJ, CARBON 10K	
T803	Δ-1-421-583-00	TRANSFORMER, FERRITE (HPCT)		RV406	1-228-936-00	RES, ADJ, CARBON 10K	
*****	*****	*****	*****			<u>SWITCH</u>	
♦:1-609-371-00	H BOARD	*****		S401	1-516-970-00	SLIDE SWITCH	
		*****		S402	1-516-970-00	SLIDE SWITCH	
♦:1-555-707-00	CONNECTOR ASSY (2.5MM) 10P			S403	1-516-970-00	SLIDE SWITCH	
♦:1-556-321-00	CONNECTOR ASSY (2.5MM) 7P			S404	1-554-118-00	PUSH SWITCH	
♦:1-556-338-00	CONNECTOR ASSY (2.5MM) 3P			S405	1-554-405-00	PUSH SWITCH (5 KEY)	
♦:1-556-338-00	COINNECTOR ASSY (2.5MM) 3P			*****	*****	*****	*****
♦:1-556-338-00	COINNECTOR ASSY (2.5MM) 3P						
♦:1-556-398-00	CONNECTOR ASSY (2.5MM) 5P						
♦:1-556-584-00	CONNECTOR ASSY (2.5MM) 2P						
♦:1-556-585-00	CONNECTOR ASSY (2.5MM) 2P						
♦:1-556-652-00	CONNECTOR ASSY (2.5MM) 4P						
♦:4-365-401-00	HOLDER, LED						
		<u>DIODE</u>					
D401	8-719-114-34	DIODE SY432D		C801	1-108-393-00	MYLAR 0.22MF 10% 100V	
D402	8-719-114-34	DIODE SY432D		C802	1-108-385-00	MYLAR 0.047MF 10% 100V	
D403	8-719-114-34	DIODE SY432D		C803	1-108-385-00	MYLAR 0.047MF 10% 100V	
D404	8-719-114-34	DIODE SY432D		C804	1-123-360-00	ELECT 100MF 20% 50V	
D405	8-719-114-34	DIODE SY432D		C805	1-123-356-00	ELECT 10MF 20% 50V	
D406	8-719-114-34	DIODE SY432D		C806	1-123-356-00	ELECT 10MF 20% 50V	
D407	8-719-114-34	DIODE SY432D		C807	1-123-380-00	ELECT 1MF 20% 50V	
D408	8-719-114-34	DIODE SY432D		C808	1-123-252-00	ELECT 1MF 160V	
D409	8-719-114-34	DIODE SY432D					
D410	8-719-102-34	DIODE SG232D					
D411	8-719-160-08	DIODE RD3.0F-B1					
		<u>TRANSISTOR</u>					
Q401	8-729-245-83	TRANSISTOR 2SC2458		Q801	8-729-313-82	TRANSISTOR 2SD1138	
		<u>RESISTOR</u>		Q802	8-729-169-02	TRANSISTOR 2S62690A	
R401	1-247-855-00	CARBON 10K 5% 1/6W		Q803	8-729-204-83	TRANSISTOR 2SA1048-GR	
R402	1-247-868-00	CARBON 36K 5% 1/6W		Q804	8-729-245-83	TRANSISTOR 2SC2458	
R403	1-247-839-00	CARBON 2.2K 5% 1/6W					
R404	1-247-824-00	CARBON 510 5% 1/6W					
R405	1-247-831-00	CARBON 1K 5% 1/6W					
		<u>RESISTOR</u>		R801	1-246-497-00	CARBON 10K 5% 1/4W	
				R802	1-213-143-00	METAL OXIDE 1K 5% 1W F	

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

D2

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
R804	1-247-012-00	CARBON	1K 5% 1/4W F	L901	A.1-451-239-00	DEFLECTION YOKE (SY-97A)	
R807	1-246-483-00	CARBON	2.7K 5% 1/4W	L902	A.1-426-086-00	COIL, DEGAUSSING	
R808	1-217-265-11	WIREWOUND	22 10% 3W F	L903	A.1-426-086-00	COIL, DEGAUSSING	
R809	1-217-265-11	WIREWOUND	22 10% 3W F	S901	A.1-553-225-00	SWITCH, PUSH	
R810	1-246-425-00	CARBON	10 5% 1/4W	SP901	1-503-109-00	SPEAKER	
R811	1-246-491-00	CARBON	5.6K 5% 1/4W	V901	A.8-738-312-05	CRT (330YB22)	
R812	1-246-511-00	CARBON	39K 5% 1/4W				*****
R813	1-246-511-00	CARBON	39K 5% 1/4W				*****
R814	1-246-425-00	CARBON	10 5% 1/4W				*****
R815	1-246-491-00	CARBON	5.6K 5% 1/4W				ACCESSORIES AND PACKING MATERIALS
R817	1-246-471-00	CARBON	820 5% 1/4W				*****
R819	1-246-481-00	CARBON	2.2K 5% 1/4W				*****
R820	1-246-508-00	CARBON	30K 5% 1/4W				*****

VARIABLE RESISTOR

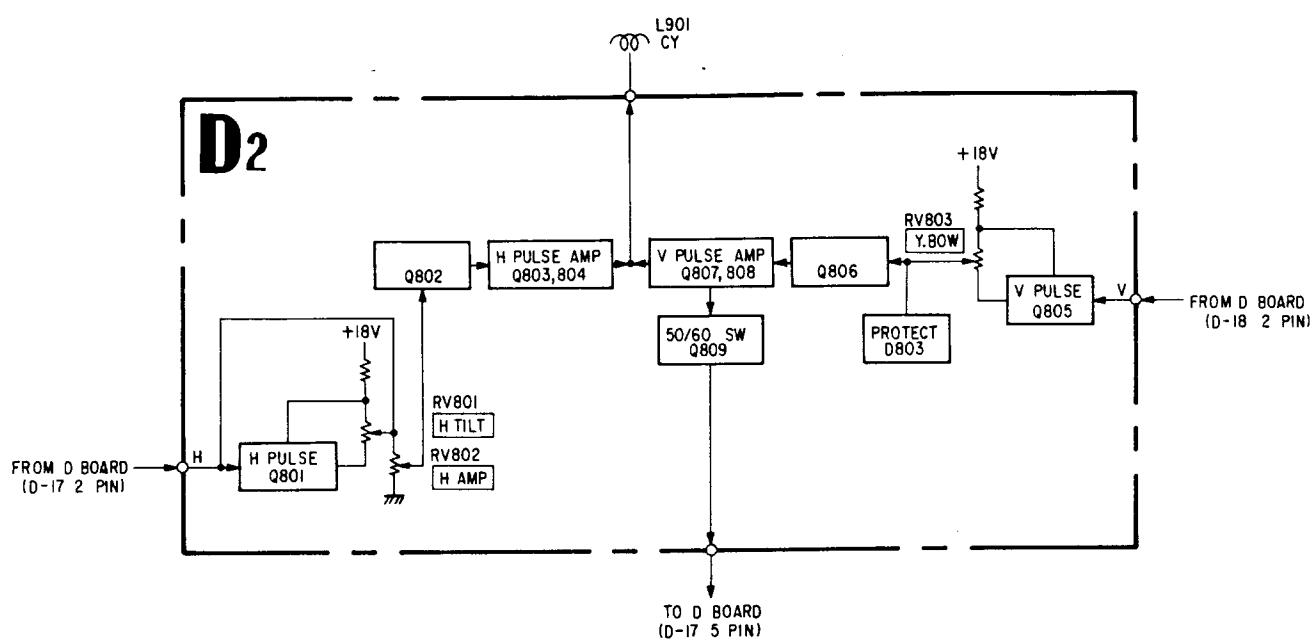
RV803 1-222-512-00 RES, ADJ, CARBON 10K
 RV806 1-221-970-XX RES, ADJ, CARBON 500
 RV816 1-226-853-00 RES, ADJ, CARBON 47K

<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
4-316-037-00	BAG, POLYETHYLENE	
4-364-734-00	CUSHION (UPPER) (ASSY)	
4-364-735-00	CUSHION (LOWER) (ASSY)	
4-365-410-00	INDIVIDUAL CARTON	
4-493-779-11	MANUAL, INSTRUCTION	

MESCELLANEOUS

1-136-044-00 CAP, METALIZED PP FILM 1700PF
 A.1-162-142-21 CAP BLOCK, HIGH VOLTAGE
 A.1-228-482-00 RESISTOR ASSY, HIGH-VOLTAGE
 1-452-032-00 MAGNET, DISK; 10MM Ø
 1-452-094-00 MAGNET, ROTATABLE DISK; 15MM Ø
 1-452-146-21 MAGNET, BMC
 A.1-452-214-00 CRT NECK ASSY (H TYPE)
 4:1-509-779-00 6P CONNECTOR ASSY
 4:1-551-604-00 CONNECTOR ASSY, MINIATURE 3P
 4:1-551-854-00 CONNECTOR ASSY 1P
 4:1-555-014-00 CONNECTOR ASSY MINIATURE 3P
 4:1-555-200-00 CONNECTOR ASSY (2.5MM) 4P
 4:1-555-345-00 CONNECTOR ASSY (2.5MM) 2P
 4:1-555-348-00 CONNECTOR, MINIATURE 1P
 4:1-555-439-00 CONNECTOR ASSY (LARGE) 3P
 4:1-555-707-00 CONNECTOR ASSY (2.5MM) 10P
 4:1-555-707-00 CONNECTOR ASSY (2.5MM) 10P
 4:1-555-957-00 CONNECTOR ASSY (2.5MM) 2P
 4:1-555-962-00 CONNECTOR ASSY (2.5MM) 5P
 4:1-555-965-00 CONNECTOR ASSY (2.5MM) 5P
 4:1-555-973-00 CONNECTOR ASSY (LARGE) 4P
 4:1-556-016-00 CONNECTOR ASSY (2.5MM) 3P
 4:1-556-018-00 CONNECTOR ASSY (2.5MM) 3P
 4:1-556-148-00 CONNECTOR ASSY, MINIATURE 3P
 4:1-556-584-00 CONNECTOR ASSY (2.5MM) 2P
 4:1-556-585-00 CONNECTOR ASSY (2.5MM) 2P
 4:1-556-585-00 CONNECTOR ASSY (2.5MM) 2P
 4:1-556-671-00 CONNECTOR ASSY (2.5MM) 8P
 4:1-556-855-00 CONNECTOR ASSY (2.5MM) 12P

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

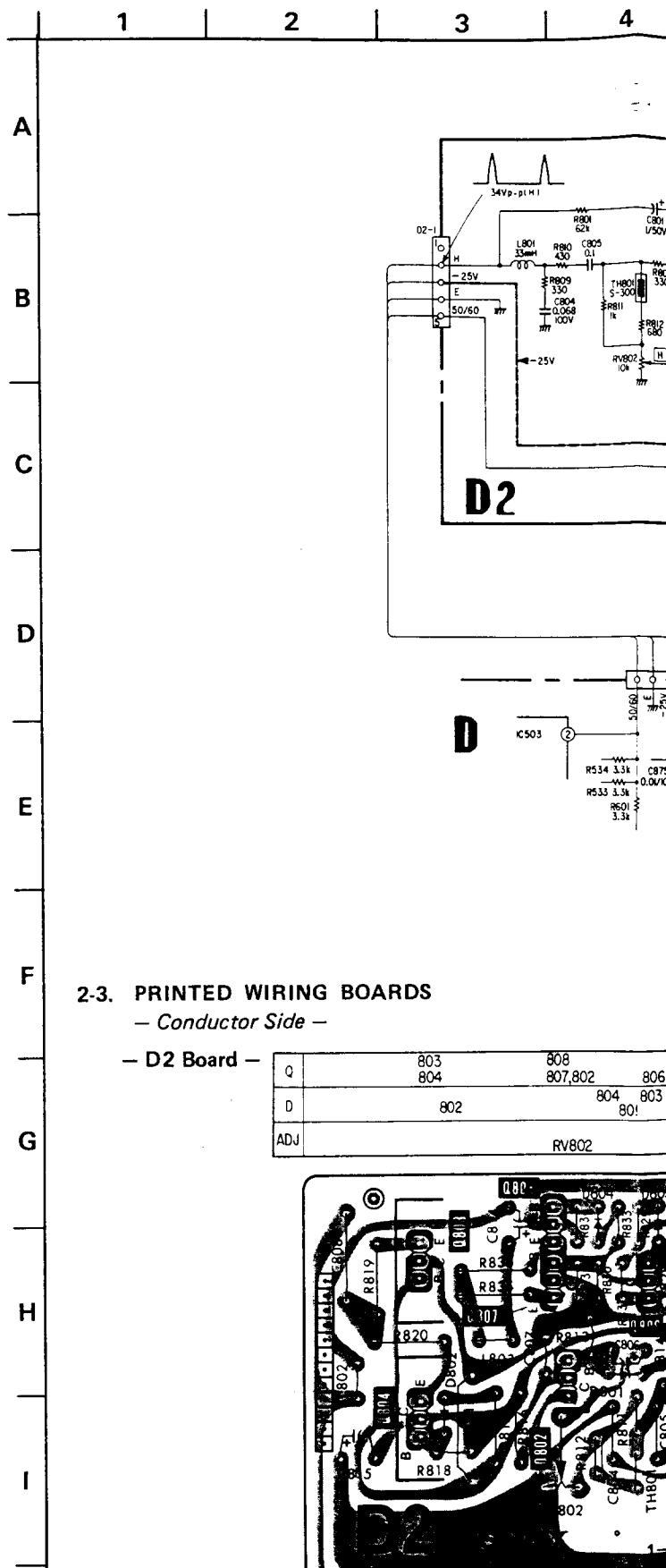
SECTION 2**2-1. BLOCK DIAGRAM**

2-2. SCHEMATIC DIAGRAM

Note: The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Note:

- All capacitors are in μF unless otherwise noted. $\text{pF} : \mu\mu\text{F}$ 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, $\frac{1}{4}\text{W}$ unless otherwise noted. $\text{k}\Omega : 1000\Omega$, $\text{M}\Omega : 1000\text{k}\Omega$
-  : nonflammable resistor.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a $10\text{M}\Omega$ digital multimeter.
- Voltage variations may be noted due to normal production tolerances.
-  : adjustment for repair.
- Voltage on F board is taken with Q602 Emitter.
- Readings are taken with a color-bar signal input.
no mark: with NTSC3.58 color-bar signal received.
< >: with SECAM color-bar signal received.
[]: with PAL color-bar signal received.
(()): with NTSC4.43 color-bar signal received.
- — : B+ bus.
- - - - : B- bus.



2-3. PRINTED WIRING BOARDS

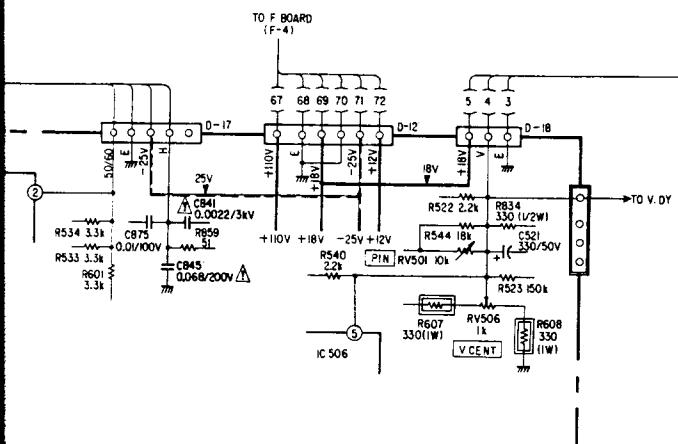
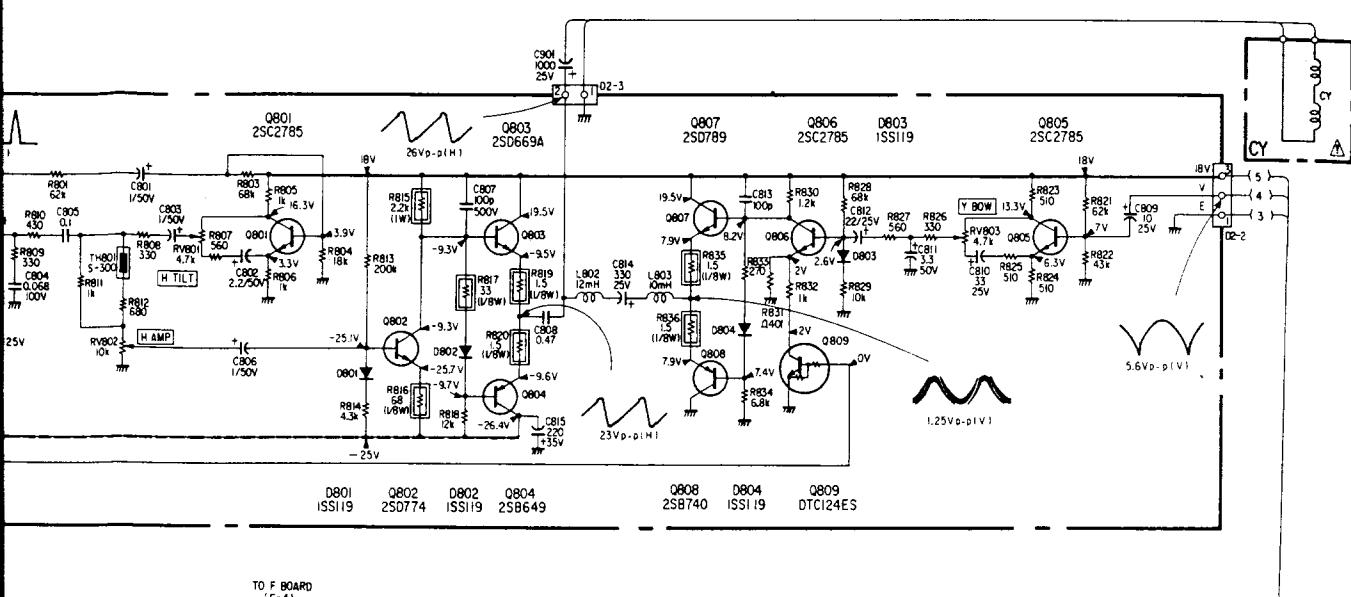
— Conductor Side —

— D2 Board —		803	808
	Q	804	807, 802
	D		804, 803
ADJ			RV802

D2

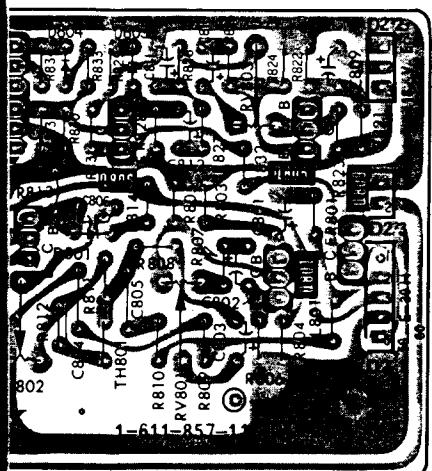
[H. V PULSE AMP]

4 | 5 | 6 | 7 | 8 | 9 | 10 | 11



2-4. SEMICONDUCTORS

808 807,802	806	805 801	809	Q
804 801	803			D
		RV803		
RV802	RV801			ADJ



2SB649A
2SD669A
2SB649

letter s

10



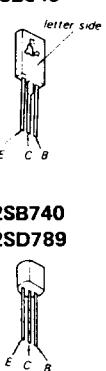
2862785

DTC124ES



2SB740
2SD789

1



2SD774

1SS119



PVM-1370QM**2-5. PRINTED WIRING BOARD***— Conductor Side —***D**[SYNC SEP, H. V OUT,
AUDIO OUT]

1

2

3

4

5

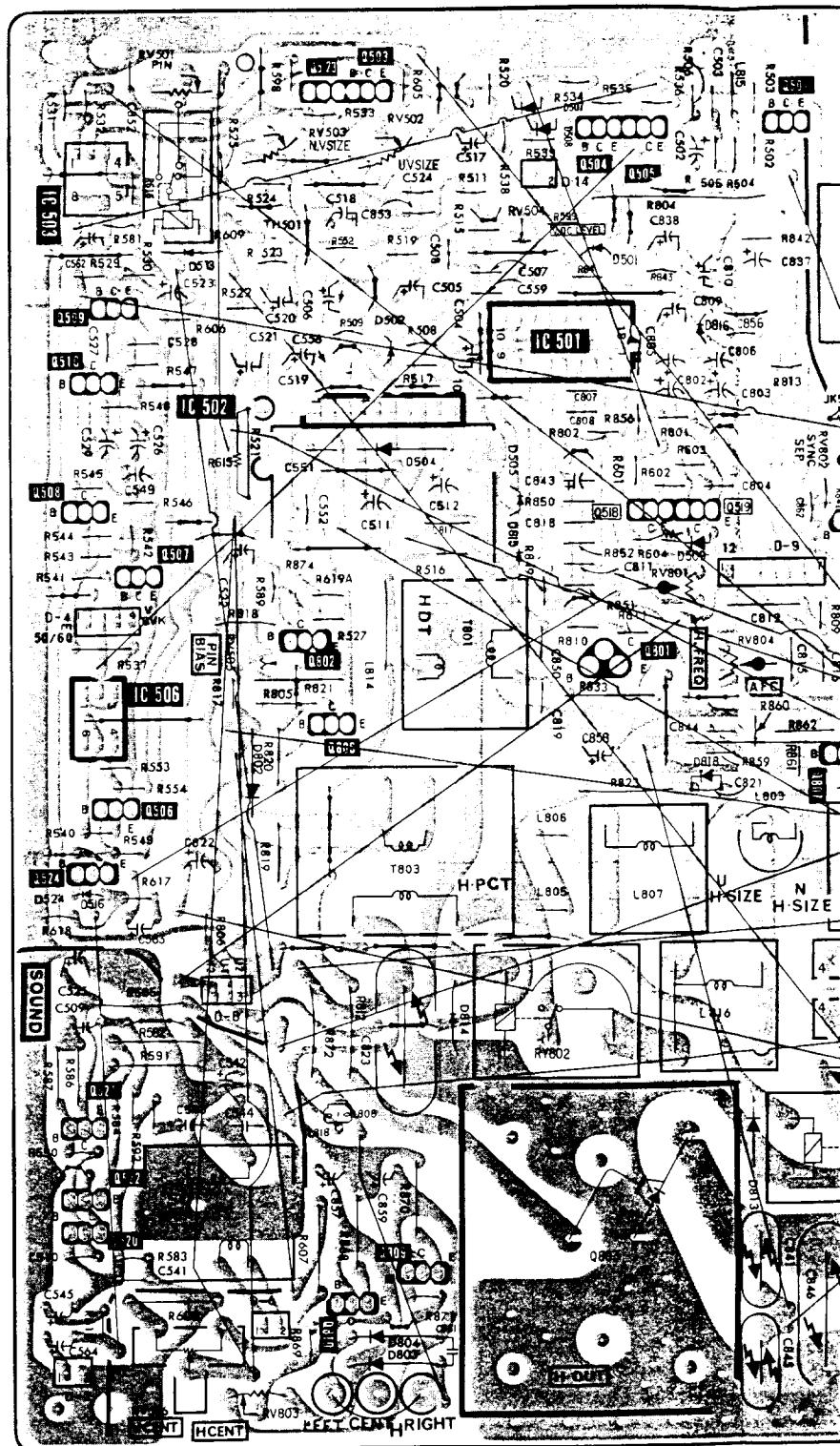
6

7

8

— D Board —**A**

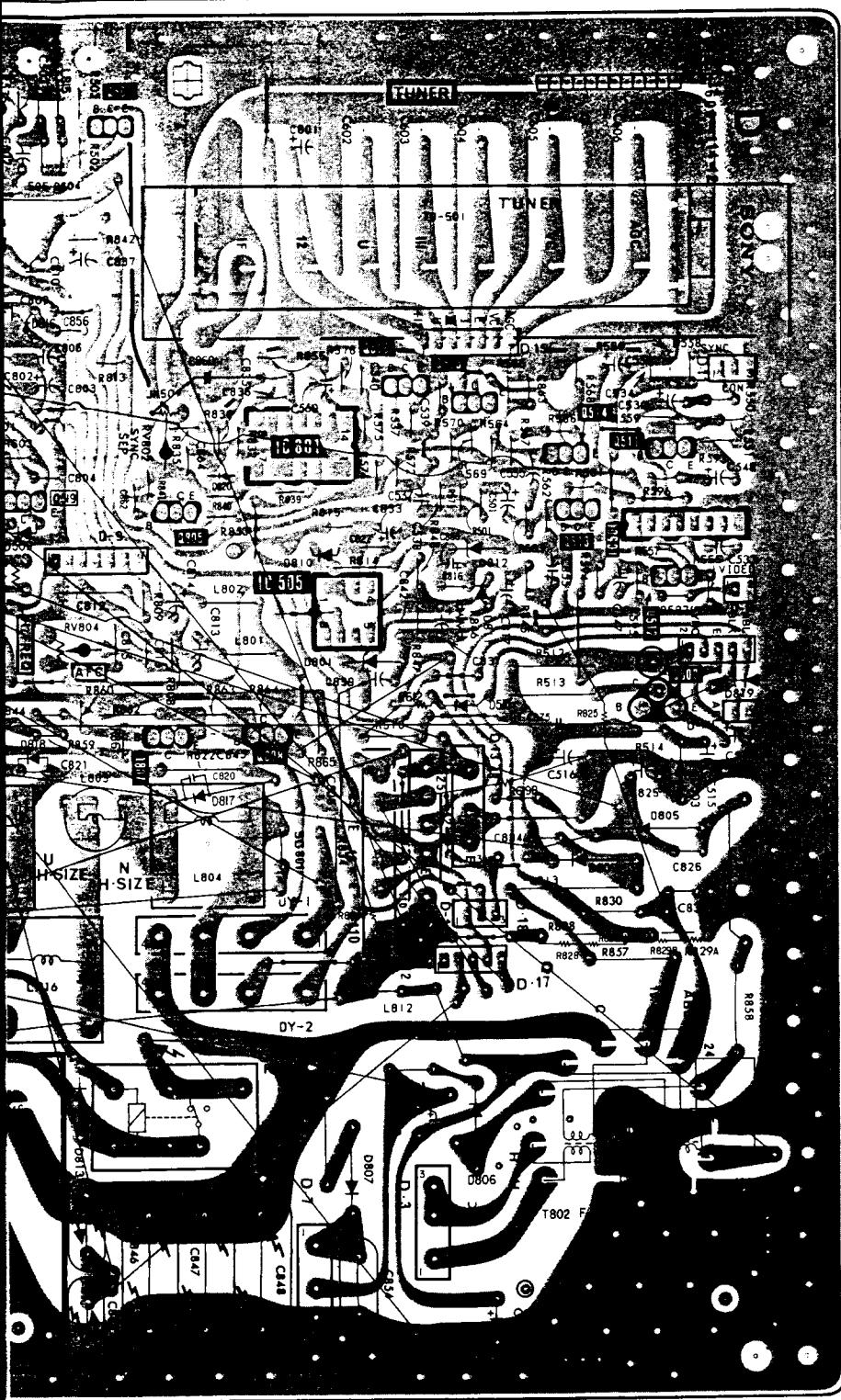
Q IC	IC503 510,509 508,507 IC506,506 52,520	523,503 802,806 810	IC502 809	504,505 801 803	519	501
O	516	513 802 804,803	502,814 804	507,508 815,505	501 818,816 809,813	
ADJ	RV501 RV506	RV503 RV803	RV502	RV504	RV801	RV804 RV81

B**C****D****E****F****G****H****I**

D

8 9 10 11 12 13 14

519	501	805	IC801	516	515	514	513	502	512	511	IC504	Q IC
818	816	807	808	IC505	-	-	-	809	805	803	819	D
509	813				817	820	810	801	812	811	806	
V801	RV804	RV802					807					ADJ



D2**2-6. ELECTRICAL PARTS LIST**

NOTE:

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

• Items marked "●" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS**RESISTORS****COILS**• MF : μ F, PF : $\mu\mu$ F

• All resistors are in ohms

• MMH : mH, UH : μ H

• F : nonflammable

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark		
	♦:1-611-857-11	D2 BOARD *****		R809	1-247-819-00	CARBON	330 5% 1/6W		
	♦:1-560-278-00	PLUG, CONNECTOR 3P		R810	1-247-822-00	CARBON	430 5% 1/6W		
	♦:1-560-278-00	PLUG, CONNECTOR 5P		R811	1-247-831-00	CARBON	1K 5% 1/6W		
	♦:1-560-721-21	PLUG, CONNECTOR 2P		R812	1-247-827-00	CARBON	680 5% 1/6W		
		<u>CAPACITOR</u>		R813	1-247-886-00	CARBON	200K 5% 1/6W		
C801	1-123-380-00	ELECT	1MF	20%	50V	R814	1-247-846-00	CARBON	4.3K 5% 1/6W
C802	1-123-381-00	ELECT	2.2MF	20%	50V	R815	1-213-147-00	METAL OXIDE	2.2K 5% 1W F
C803	1-123-380-00	ELECT	1MF	20%	50V	R816	1-247-032-00	CARBON	68 5% 1/8W F
C804	1-106-216-00	MYLAR	0.068MF	10%	100V	R817	1-247-795-00	CARBON	33 5% 1/8W F
C805	1-108-603-00	MYLAR	0.1MF	5%	50V	R818	1-247-857-00	CARBON	12K 5% 1/6W
C806	1-123-380-00	ELECT	1MF	20%	50V	R819	1-247-021-00	CARBON	1.5 5% 1/8W F
C807	1-162-117-00	CERAMIC	100PF	10%	500V	R820	1-247-021-00	CARBON	1.5 5% 1/8W F
C808	1-108-824-00	MYLAR	0.47MF	5%	50V	R821	1-247-874-00	CARBON	62K 5% 1/6W
C809	1-123-356-00	ELECT	10MF	20%	25V	R822	1-247-870-00	CARBON	43K 5% 1/6W
C810	1-123-331-00	ELECT	33MF	20%	25V	R823	1-247-824-00	CARBON	510 5% 1/6W
C811	1-123-382-00	ELECT	3.3MF	20%	50V	R824	1-247-824-00	CARBON	510 5% 1/6W
C812	1-123-330-00	ELECT	22MF	20%	25V	R825	1-247-817-00	CARBON	270 5% 1/6W
C813	1-102-106-00	CERAMIC	100PF	10%	50V	R826	1-247-819-00	CARBON	330 5% 1/6W
C814	1-123-335-00	ELECT	330MF	20%	25V	R827	1-247-825-00	CARBON	560 5% 1/6W
C815	1-123-346-00	ELECT	220MF	20%	35V	R828	1-247-875-00	CARBON	68K 5% 1/6W
		<u>DIODE</u>				R829	1-247-855-00	CARBON	10K 5% 1/6W
D801	8-719-911-19	DIODE	ISS119			R830	1-247-833-00	CARBON	1.2K 5% 1/6W
D802	8-719-911-19	DIODE	ISS119			R831	1-247-816-00	CARBON	240 5% 1/6W
D803	8-719-911-19	DIODE	ISS119			R832	1-247-831-00	CARBON	1K 5% 1/6W
D804	8-719-911-19	DIODE	ISS119			R833	1-247-817-00	CARBON	270 5% 1/6W
		<u>COIL</u>				R834	1-247-851-00	CARBON	6.8K 5% 1/6W
L801	1-407-510-00	MICRO INDUCTOR	33MMH			R835	1-247-021-00	CARBON	1.5 5% 1/8W F
L802	1-407-505-00	MICRO INDUCTOR	12MMH			R836	1-247-021-00	CARBON	1.5 5% 1/8W F
L803	1-407-504-00	MICRO INDUCTOR	10MMH						
		<u>TRANSISTOR</u>							
Q801	8-729-245-83	TRANSISTOR	2SC2458			RV801	1-226-850-00	RES, ADJ, CARBON	4.7K
Q802	8-729-177-43	TRANSISTOR	2SD774			RV802	1-226-851-00	RES, ADJ, CARBON	10K
Q803	8-729-306-92	TRANSISTOR	2SD669A			RV803	1-226-850-00	RES, ADJ, CARBON	4.7K
Q804	8-729-304-92	TRANSISTOR	2SB649A						
Q805	8-729-245-83	TRANSISTOR	2SC2458						
Q806	8-729-245-83	TRANSISTOR	2SC2458			TH801	1-800-071-XX	THERMISTER, S-300	
Q807	8-729-177-43	TRANSISTOR	2SD774						
Q808	8-729-374-02	TRANSISTOR	2SB740						
Q809	8-729-900-36	TRANSISTOR	DTC124ES						
		<u>RESISTOR</u>							
R801	1-247-874-00	CARBON	62K	5%	1/6W				
R803	1-247-875-00	CARBON	68K	5%	1/6W				
R804	1-247-861-00	CARBON	18K	5%	1/6W				
R805	1-247-831-00	CARBON	1K	5%	1/6W				
R806	1-247-831-00	CARBON	1K	5%	1/6W				
R807	1-247-825-00	CARBON	560	5%	1/6W				
R808	1-247-819-00	CARBON	330	5%	1/6W				
		<u>VARIABLE RESISTOR</u>							
		<u>THERMISTOR</u>							
		<u>MISCELLANOUS</u>							
		<u>CAPACITOR</u>							
		C901	1-123-337-00	ELECT	1000MF				
								25V	