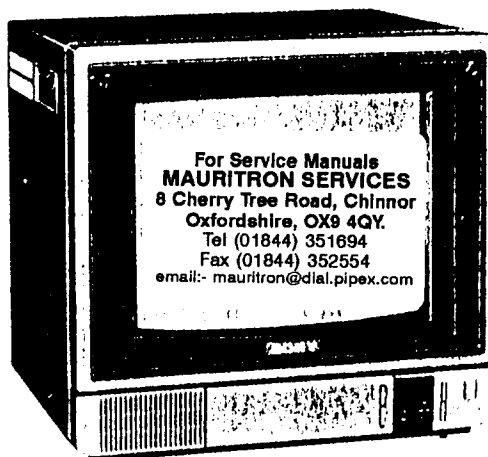


CVM-13700B

SERVICE MANUAL

UK Model
Chassis No. SCC-488A-A



May, 1983

SPECIFICATIONS

Television system	British color TV standards
Color system	PAL, SECAM, NTSC and NTSC4.43
Channel coverage	UHF channels 21 - 68 (a total of up to 16 preselected channels)
Picture tube	Trinitron tube Approx. 33 cm (13 inches) 90-degree deflection (Approx. 31 cm picture measured diagonally)
Aerial	75-ohm standard aerial socket
Resolution	500 lines
Color temperature	6,500°K
Frequency response	5.5 MHz (-3 dB, composite video)
Horizontal linearity	±8%
Vertical linearity	±5%
Line pull range	Horizontal ±500 Hz Vertical 8 Hz
Speaker	5 × 9 cm, Audio output 1 W (10% harmonic distortion)
Power requirements	240 V ac, 50 Hz
Power consumption	80 W
Dimensions	Approx. 346 × 339 × 388 mm (w/h/d) (13 3/8 × 13 3/8 × 15 3/8 inches)
Weight	Approx. 14.6 kg (32 lb 3 oz)
Accessory supplied	Aerial connecting plug

Input/output

Signal	Connector	Signal level	Remarks
VIDEO input	[VTR] 8-pin (pins 2 & 6)	0.5 – 1.5 V (p-p) composite 1.0 V (p-p) nominal	PAL, SECAM, NTSC, NTSC4.43 75 ohms, sync negative
	[LINE] BNC connector		
VIDEO output	[TV] BNC connector	1.0 V (p-p) composite	PAL, SECAM, NTSC, NTSC4.43 75 ohms, sync. negative
	[VTR] 8-pin (pins 3 & 4)		
	[LINE] BNC connector		
	[MONITOR] BNC connector		
AUDIO input	[VTR] 8-pin (pins 1 & 5)	–5 dB	high impedance
	[LINE] Minijack		
AUDIO output	[TV] Minijack	–20 dB	less than 4.7 kilohms
	[VTR] 8-pin (pins 7 & 8)		
	[LINE] Minijack	–5 dB	
	[MONITOR] Minijack		

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.



TRINITRON® COLOUR
RECEIVER/MONITOR
SONY®



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.
- Easy channel selection by the program select buttons.
- TV/VTR/LINE input select buttons for a fully equipped receiver/monitor.
- The PAL, SECAM, NTSC or NTSC4.43 color system is selected automatically.
- Automatic frequency control switch to select the horizontal AFC time constant, fast or slow.
- Colorpure Filter for fine picture detail without color spill or color noise.

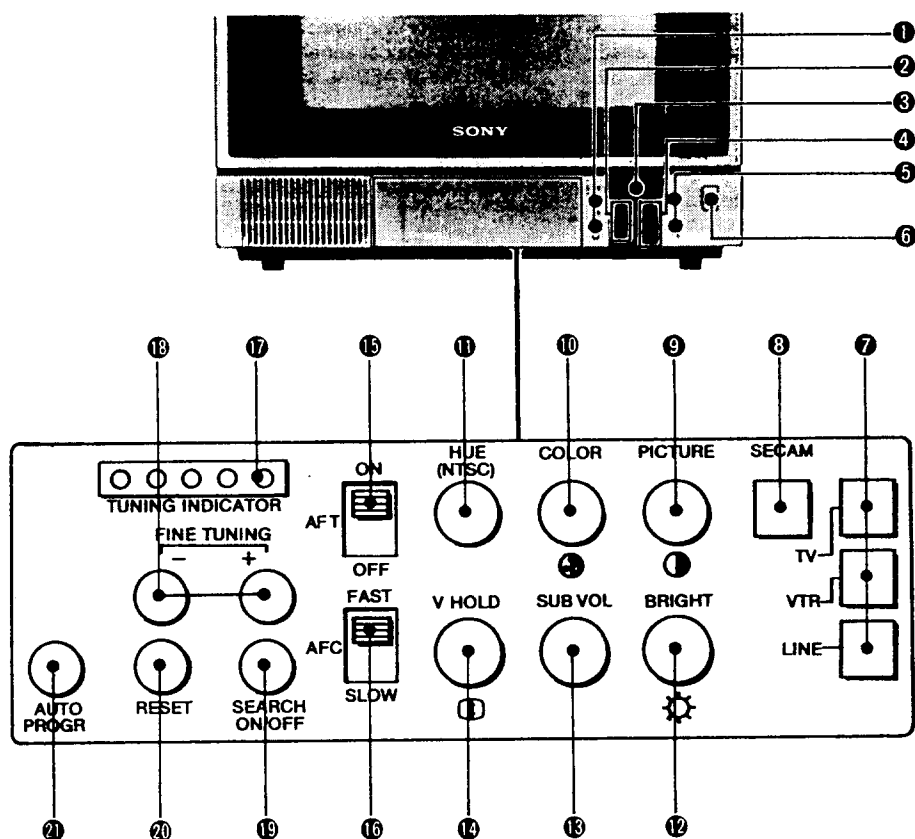
By using an optional MB-502 mounting bracket, the CVM-1370QB can be mounted in an EIA standard 19-inch rack. An optional SLR-102 slide rail is also available. For mounting, see the appropriate instruction manual.

1-2. WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

Dangerously high voltages are present inside the unit. Do not open the cabinet. Refer servicing to qualified personnel only.

1-3. LOCATION AND FUNCTION OF CONTROLS



① POWER switch

Set to ON to turn on the monitor and to off to turn it off.

② PROGRAM select buttons

Press + to select a program with a higher number and - to select a program with a lower number.

③ Color system indicators

Indicate the color system of the received telecast or playback of the VTR.

④ Program indicator

Indicates the program number selected.

⑤ Input Indicators

When any of the input select buttons is pressed, the associated input indicator will illuminate.

⑥ VOLUME buttons

Press the + or - button to regulate the volume.

⑦ Input select buttons

Press to select the program source to be monitored.

TV: for a TV program (antenna inputs).

VTR: for a signal from the VTR connector.

LINE: for a signal from the LINE IN jacks.

⑧ SECAM button

This button is effective only for the SECAM color system. Press this button when the picture receiving SECAM color sources is distorted. The picture will become clear.

⑨ PICTURE control

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

⑩ COLOR control

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

⑪ HUE (NTSC) control

This control is effective only for a program of the NTSC or NTSC4.43 color system. Use to obtain the most natural skin tones. Clockwise rotation makes the skin tones greenish; counterclockwise rotation makes them purplish.

⑫ BRIGHT (brightness) control

Adjusts the brightness.

⑬ SUB VOL (volume) control

Use to set the initial volume. When the power is turned on, the volume is always at this initial level.

⑭ V HOLD (vertical hold) control

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

15 AFT (automatic fine tuning) button

Usually, set the button to ON to lock in the correct signal and obtain a sharp picture. In tuning process, this button has no effect. When fine tuning a station with extreme interference, set the button to OFF.

16 AFC (automatic frequency control) selector

Select the AFC operation for 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 VTR.

17 TUNING INDICATOR

Indicates the approximate position of the tuned station.

18 FINE TUNING buttons

Press to fine tune the station. In fine tuning, set the AFT button to OFF.

19 SEARCH ON/OFF button

Press to ON to tune in a station in program presetting. Press it again (OFF) when the tuning has completed.

20 RESET button

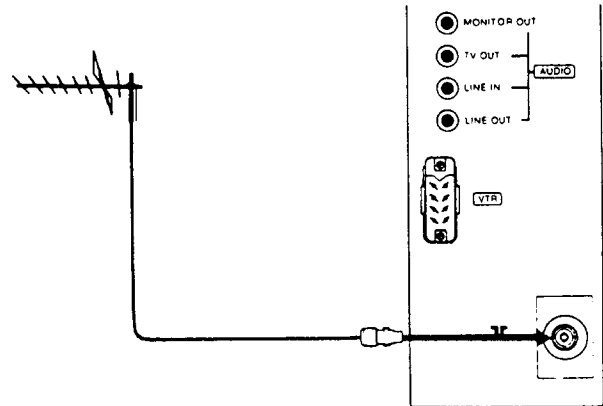
Press this button to clear a preset station or to reset the tuning to a frequency below channel 21.

21 AUTO PROGR (programing) button

To preset the receivable stations automatically, press this button.

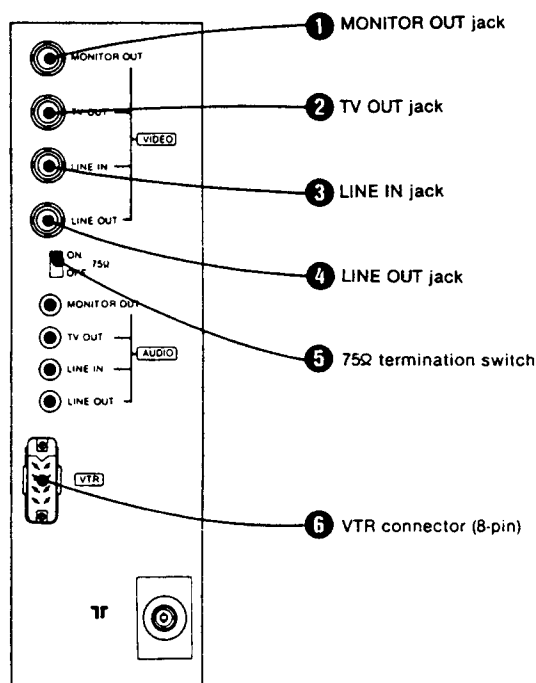
1-4. AERIAL CONNECTION

Good picture and sound are obtained when a proper aerial is used. Your monitor is equipped with a standard aerial connecting socket. Connect a coaxial aerial cable using the supplied aerial connecting plug to the **TR AERIAL** socket of your monitor.



1-5. SYSTEM CONNECTIONS

CONNECTORS FOR VIDEO/AUDIO



❶ MONITOR OUT jack

The signal selected by the input select buttons and appearing on the screen is also output here. Connect a video tape recorder or another monitor.

❷ TV OUT jack

TV signal is output independently of the input select button position.

❸ LINE IN jack

Connect a video tape recorder or a camera. Press the LINE input select button to monitor the signal.

❹ LINE OUT jack

The signal supplied to the LINE IN jacks is output here to permit multiple monitor connections. This jack is independent of the input select buttons.

❺ 75Ω termination switch

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.

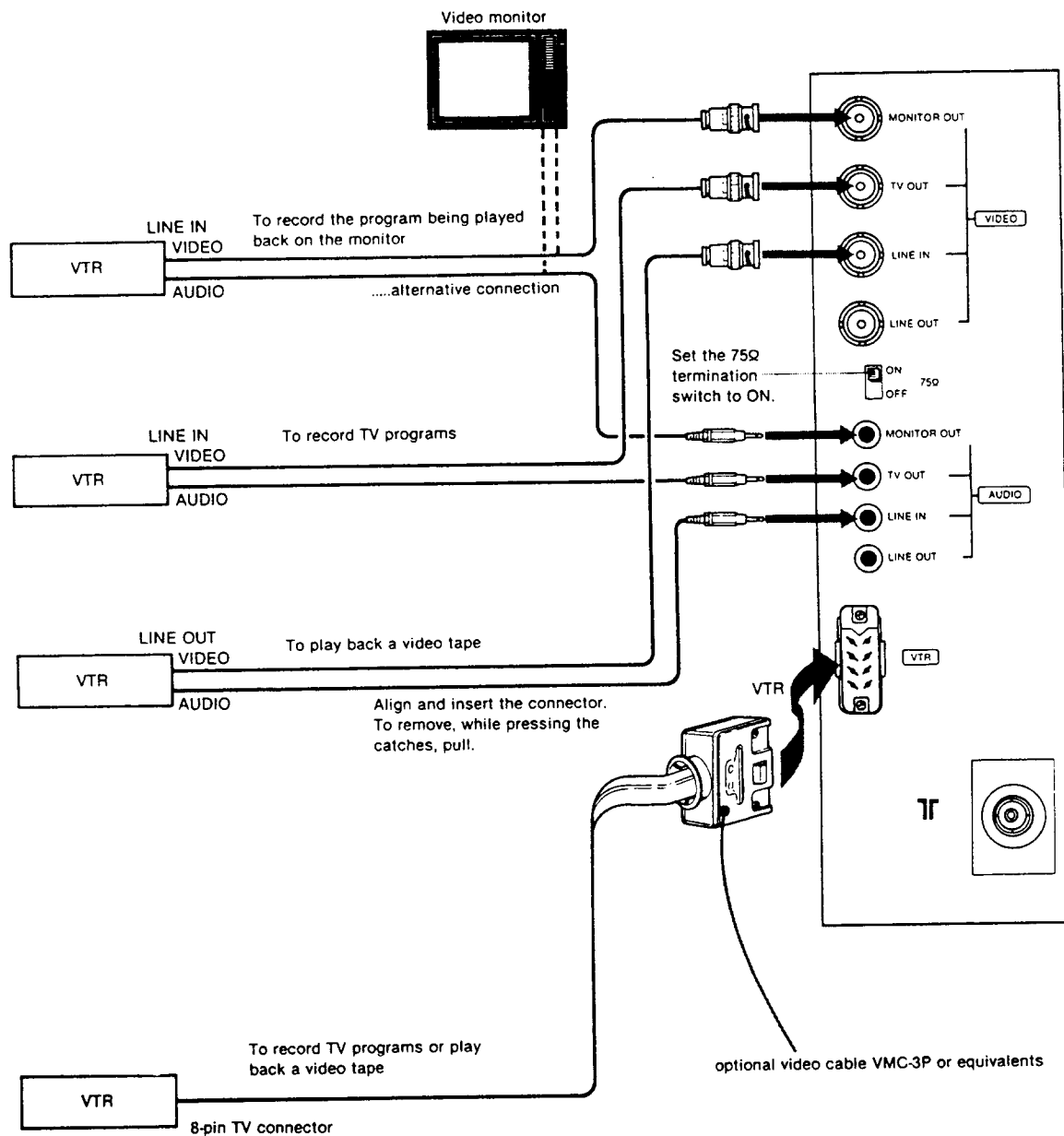
❻ VTR connector (8-pin)

Connect a video tape recorder equipped with an 8-pin connector to record TV programs or to monitor the signal from a recorder.

For monitoring, press the VTR input select button.

For connection, use optional video cable, VMC-3P (3 m), -5P (5 m) or -10P (10 m).

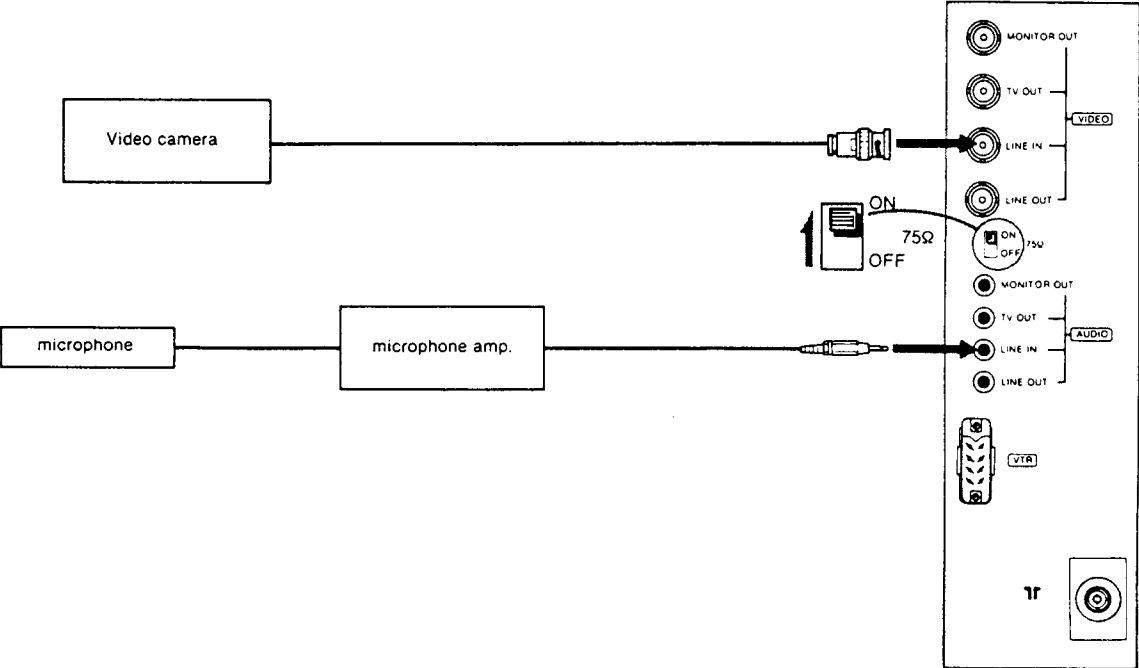
CONNECTING A VIDEO TAPE RECORDER



Notes

- TV signal is output from the TV OUT jacks independently of the input select buttons. It is not possible, however, to record from the TV OUT jacks while playing back a recorded tape through the VTR connector or LINE IN jacks.
- When monitoring the picture at fast speed, the picture may roll vertically or become monochrome.

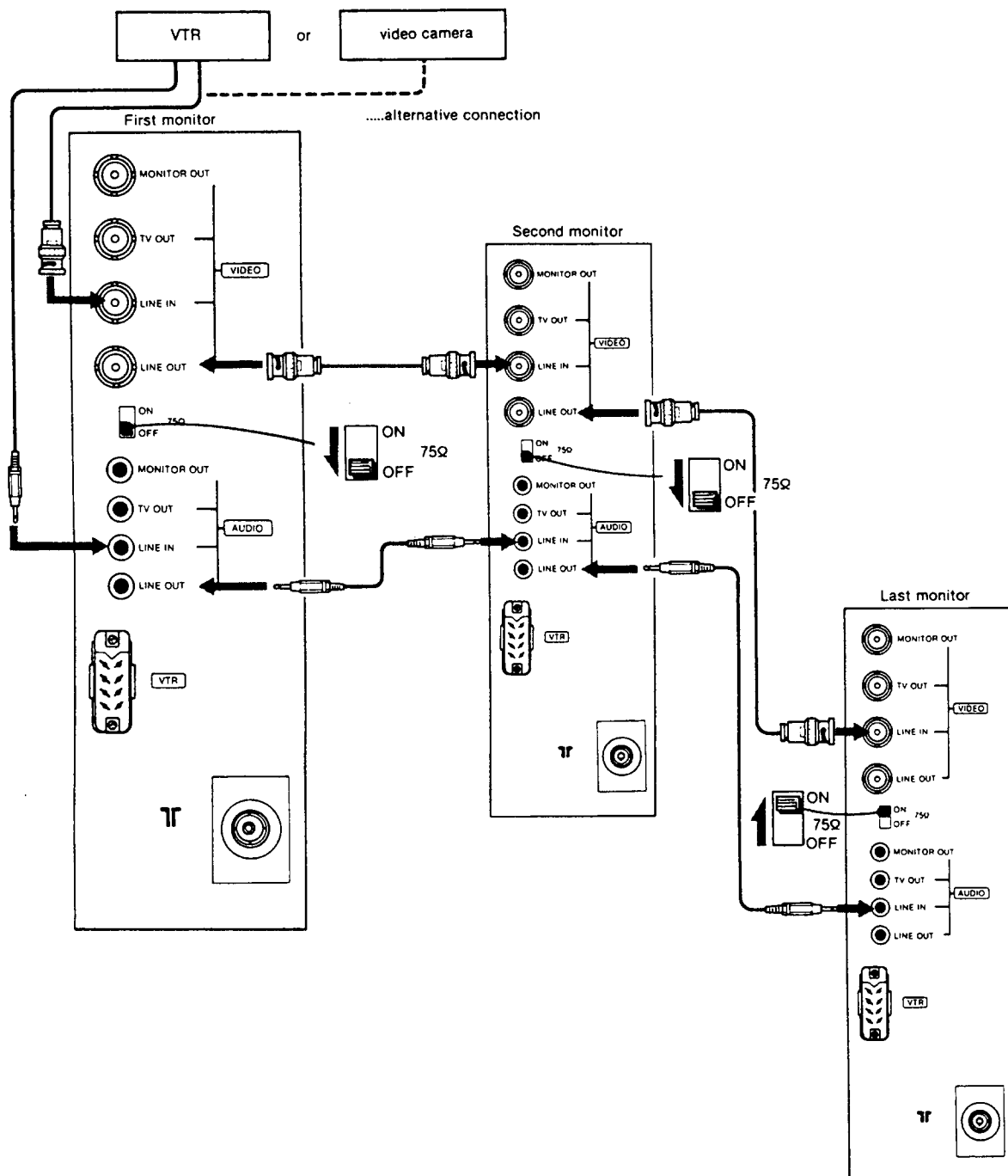
CONNECTING A CAMERA AND A MICROPHONE



MULTIPLE MONITOR CONNECTION

Up to 10 monitors may be connected.

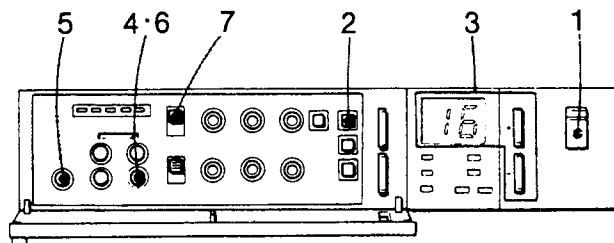
Set the 75Ω termination switch of the **last monitor** to ON, and that of the other monitors to OFF.



1-6. PROGRAM PRESETTING

TO PRESET ALL THE RECEIVABLE STATIONS

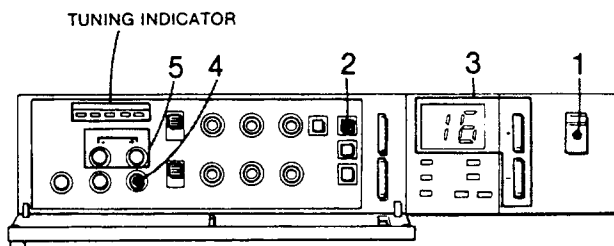
The receivable TV stations, up to 16, in your area can be preset to the PROGRAM select buttons automatically in order from the TV station with the lowest frequency to the station with the highest.



- 1 Set the POWER switch to ON.
- 2 Press the TV input select button. The TV input indicator will light up.
- 3 Press the + or - PROGRAM select button until the figure 1 appears on the program indicator.
- 4 Press the SEARCH button to ON. The number 1 on the program indicator will blink.
- 5 Press the AUTO PROGR button. Automatic programing will begin. The first station found will be memorized at program position 1, the second at position 2, and so on. When no more stations can be found, automatic programing will stop.
- 6 When the presetting is completed (or if you wish to interrupt the presetting), press the SEARCH button to OFF. The figure will stop blinking.
- 7 Make sure that the AFT button is set to ON.

TO PRESET THE STATIONS ONE BY ONE

Any program position can be set to any station so that you can arrange the stations in the desired order. Consult your local TV listing to find out the receivable stations in your area.



- 1 Set the POWER switch to ON.
- 2 Press the TV input select button. The TV input indicator will light up.
- 3 Press the + or - PROGRAM select button until the number of the program position to which the station is to be preset appears in the program indicator.
- 4 Press the SEARCH button to ON. The number on the indicator will blink.

- 5 Press the + FINE TUNING button (do not hold the button in) to locate a station with higher frequency and the - FINE TUNING button to find out one with a lower frequency. The TUNING INDICATOR segments will show what portion of the UHF band the tuning station is in.

When a station is received, the search will stop and the program number will stop blinking. Repeat pressing the + or - FINE TUNING button, referring to the picture on the screen, until the desired station is received.

- 6 Repeat step 4 and 5 until every station you want has been preset.

RESET button

If this button is pressed, any memory on the selected program position will be erased and the unit will be automatically tuned to a frequency below channel 21. Then, to quickly locate the lowest available channel, press the + FINE TUNING button once. To locate the highest available UHF channel, press the - FINE TUNING button once.

FINE TUNING

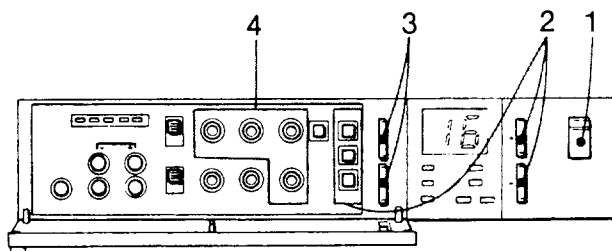
If you cannot obtain a clear picture on a particular channel, fine tune that station manually.

- 1 Press the + or - PROGRAM select button to select the station to be fine tuned.
- 2 Set the AFT button to OFF.
- 3 Keep the + or - FINE TUNING button depressed until a clear picture is obtained.
- 4 Keep the AFT button OFF while you are watching the manually fine-tuned station. For other stations, set the AFT button to ON.

1-7. OPERATION

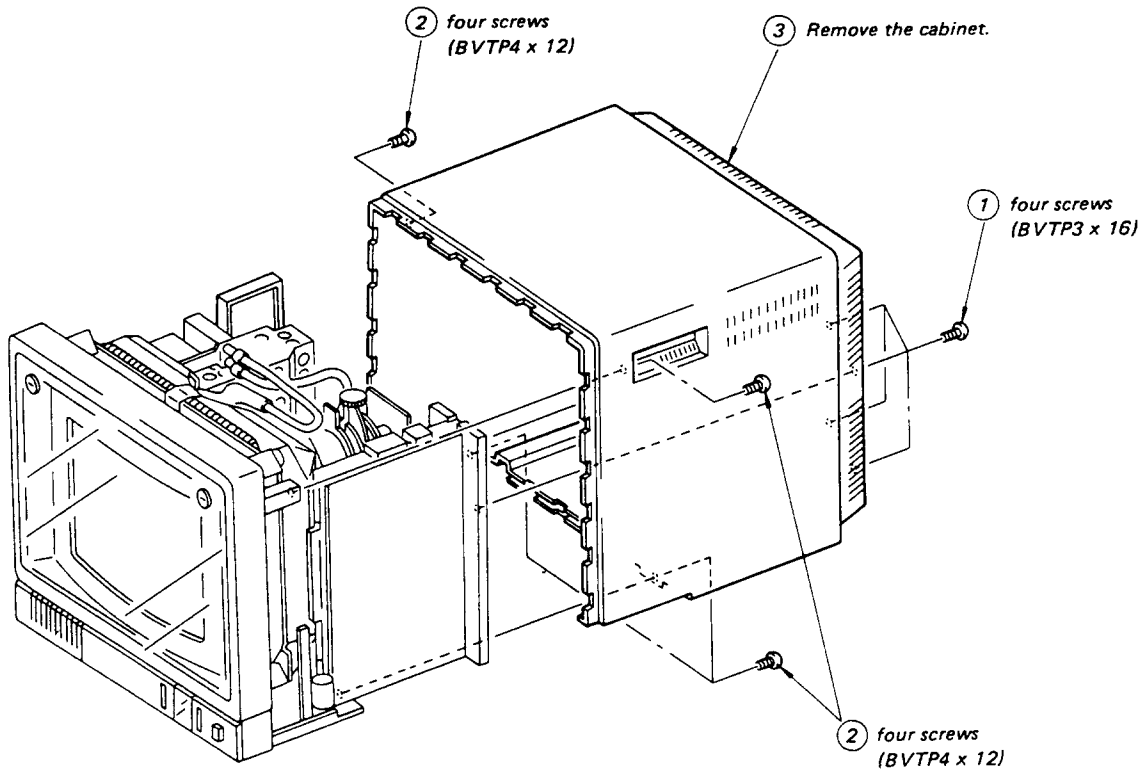
- 1 Set the POWER switch to ON.
- 2 Select the program source to view on the screen. The associated indicator will light up.
TV: to view a TV program. Select the program by pressing the + PROGRAM select button for higher numbered program and - button for lower numbered program.
VTR: to view a video tape played back on the recorder connected to the VTR connector.
LINE: to view a program connected to the LINE IN jack.
- 3 Adjust the volume: + VOLUME to increase the volume and - to decrease.
- 4 Adjust the picture with PICTURE, COLOR, BRIGHT or HUE (hue only for NTSC and NTSC4.43 programs) controls if necessary.

● The color system indicator illuminates according to the color system of the program source.

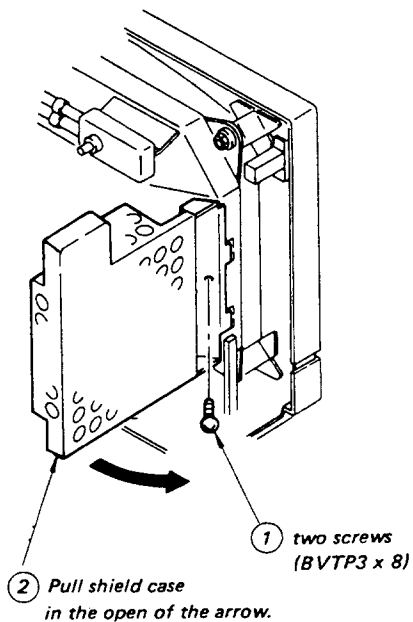


SECTION 2 DISASSEMBLY AND REPLACEMENT

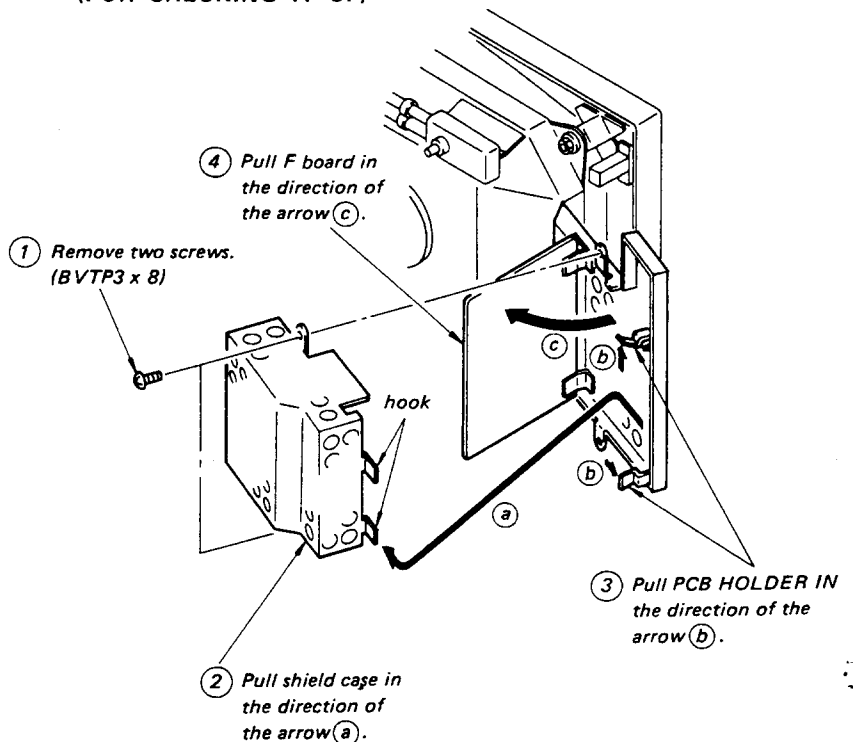
2-1. COVER REPLACEMENT



2-2. F BOARD SHIELD CASE ASSEMBLY REMOVAL

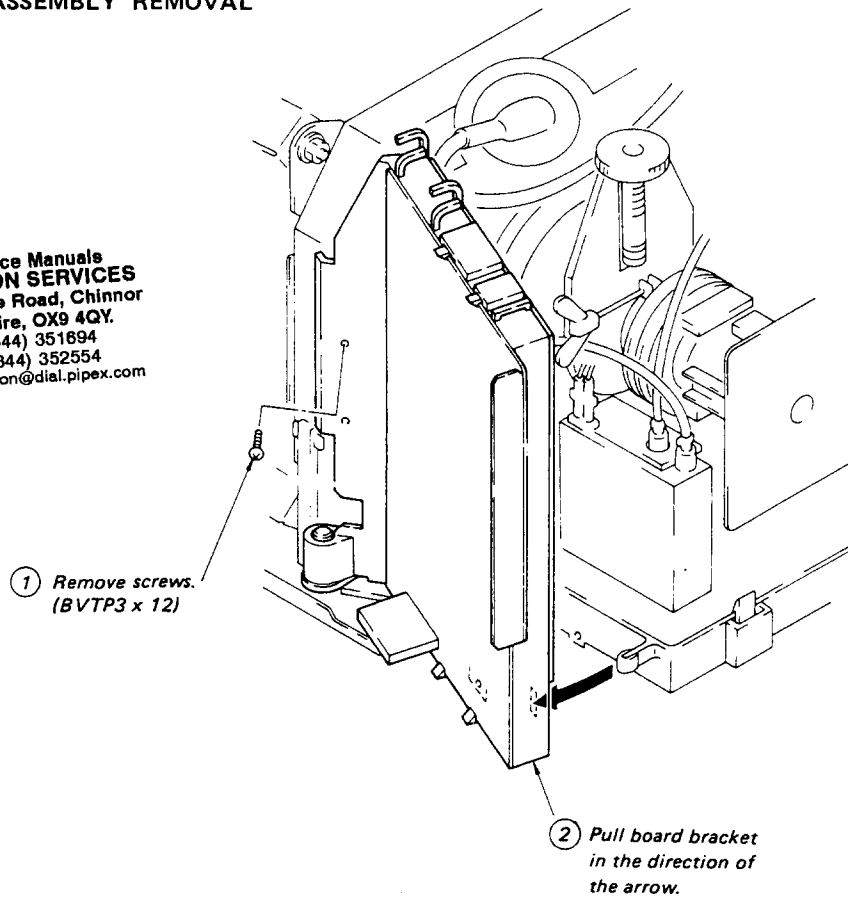


2-3. F BOARD ASSEMBLY REMOVAL (FOR CHECKING IT UP)

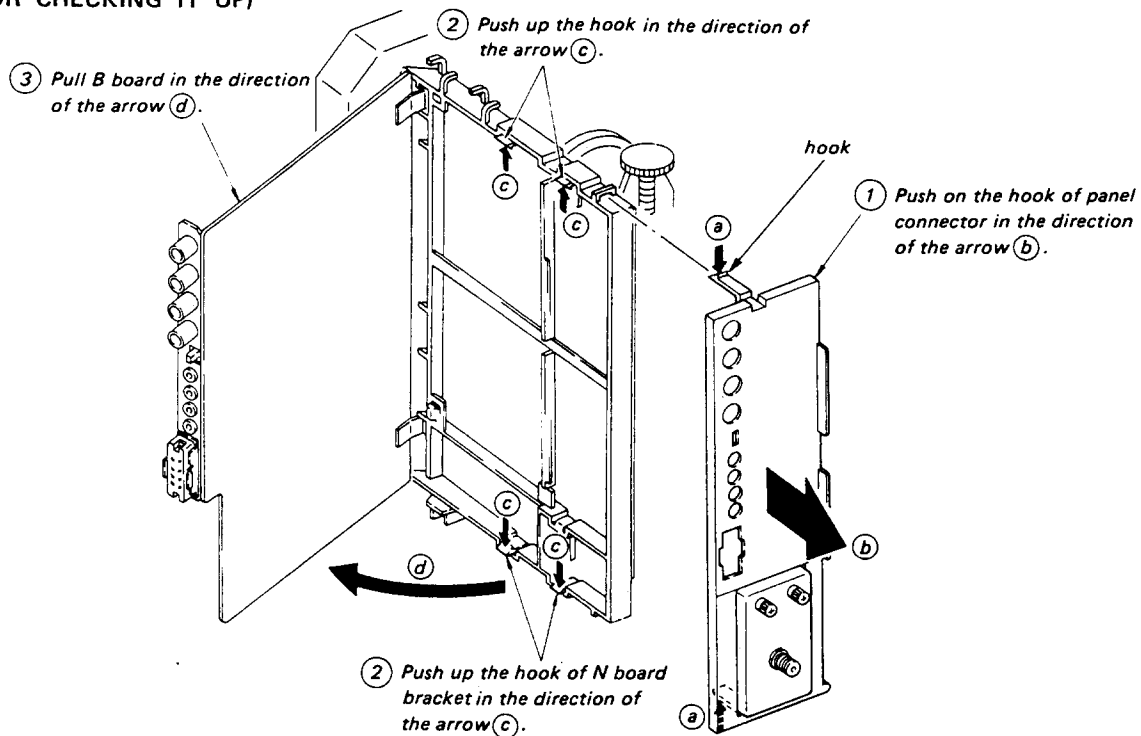


2-4. A, B BOARD ASSEMBLY REMOVAL

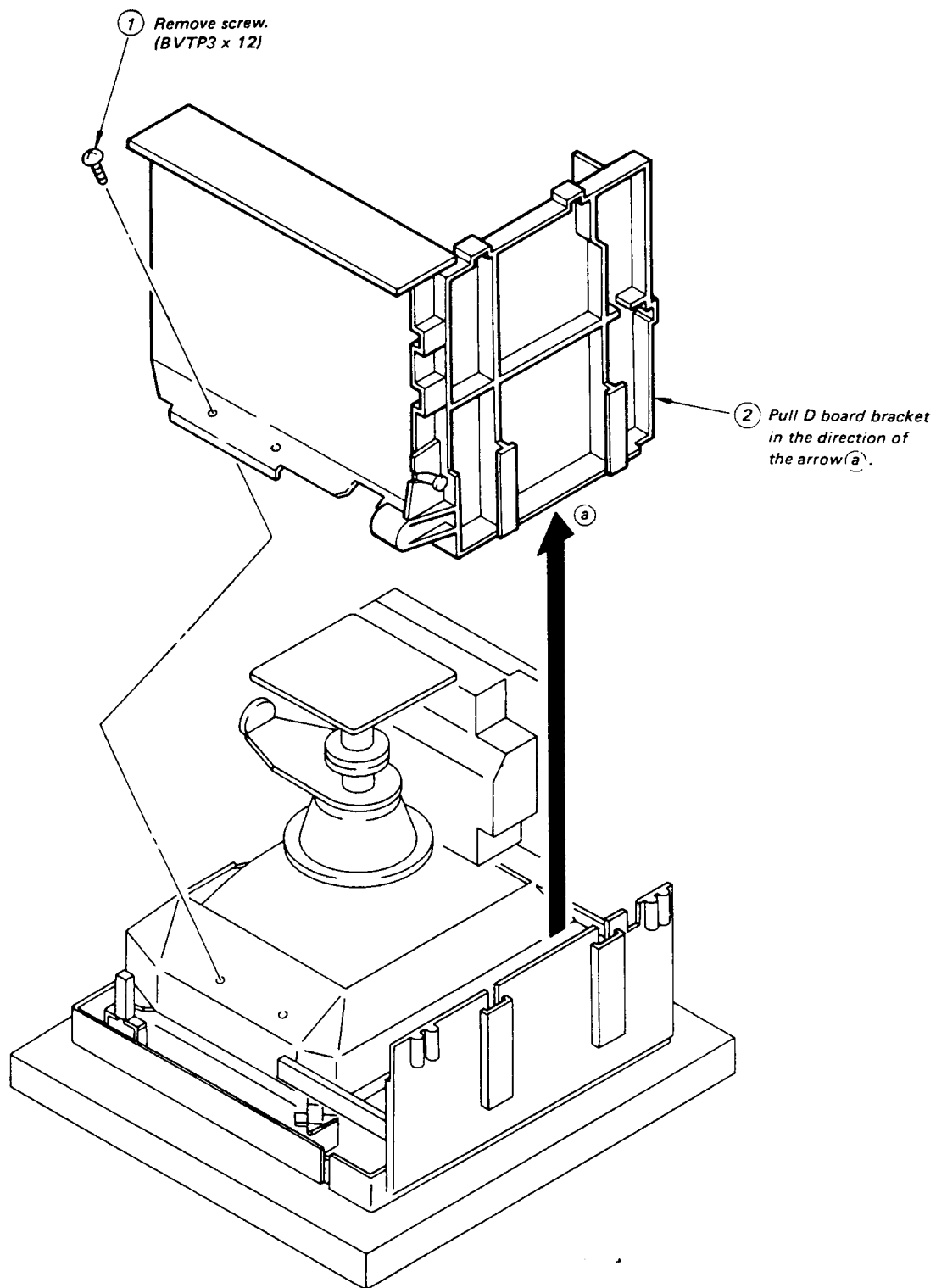
For Service Manuals
MAURITRON SERVICES
 8 Cherry Tree Road, Chinnor
 Oxfordshire, OX9 4QY.
 Tel (01844) 351694
 Fax (01844) 352554
 email:- mauritron@dial.pipex.com



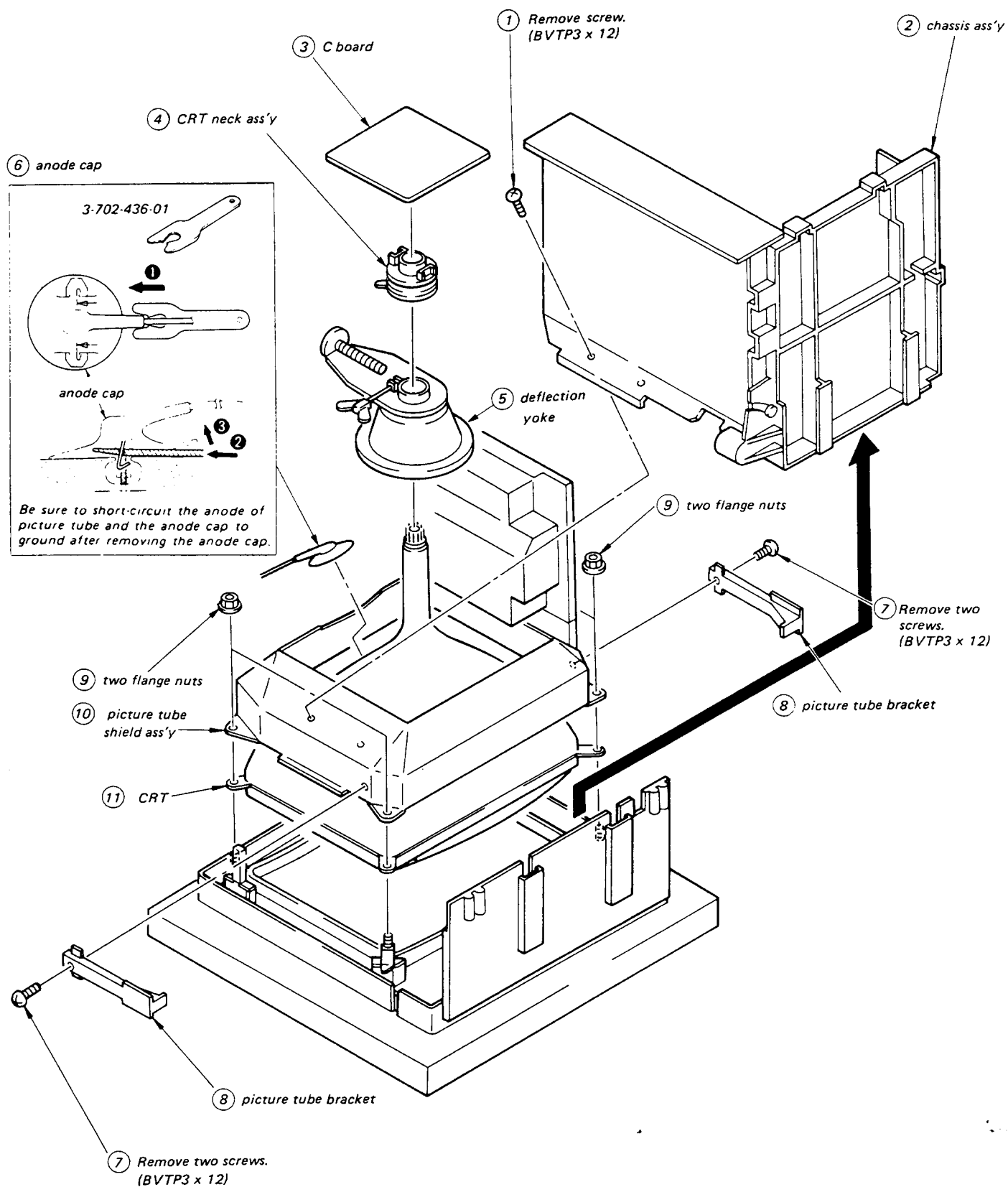
2-5. A, B BOARD REMOVAL (FOR CHECKING IT UP)



2-6. D BOARD BRACKET ASSEMBLY REMOVAL

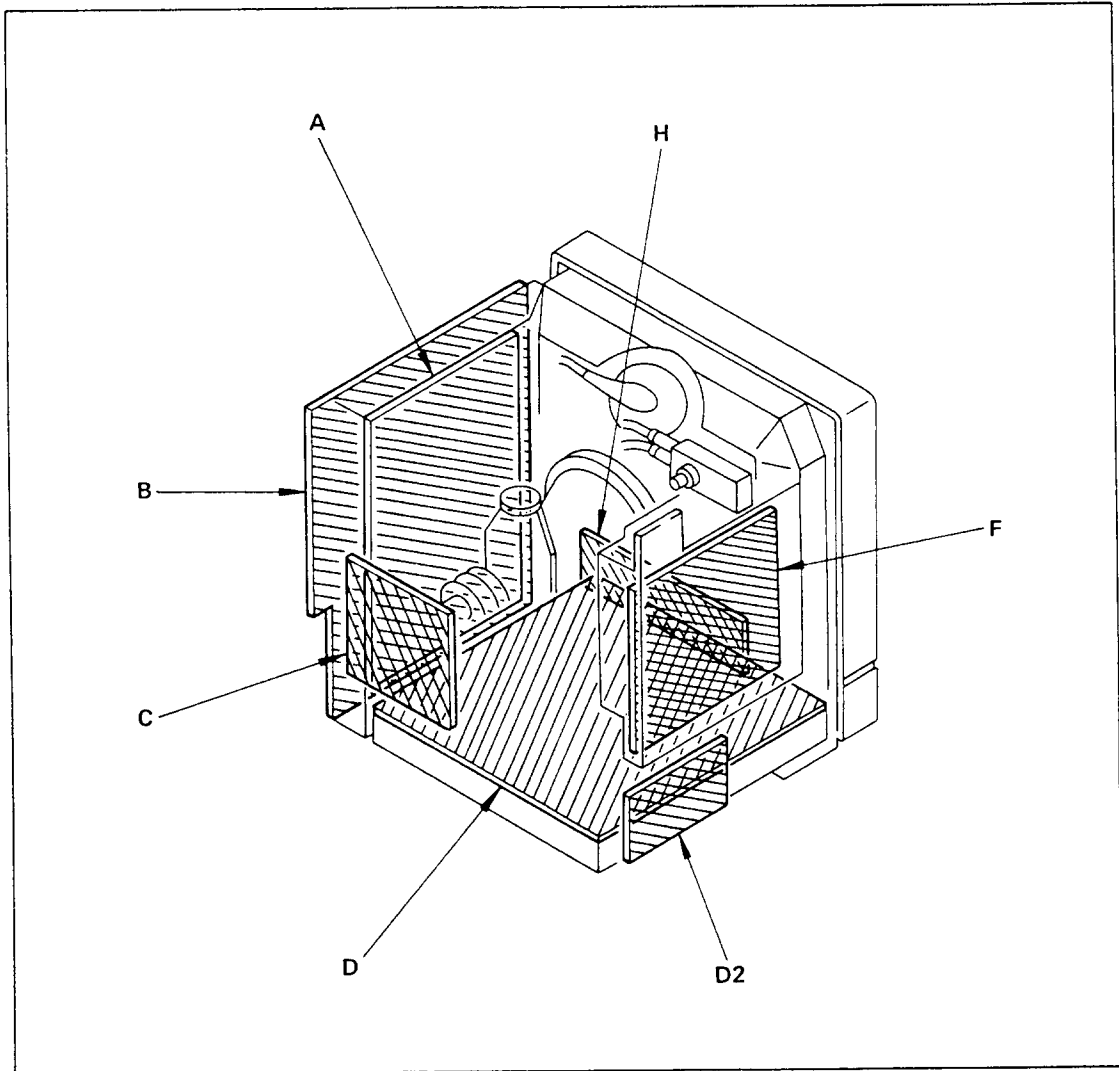


2-7. PICTURE TUBE REMOVAL

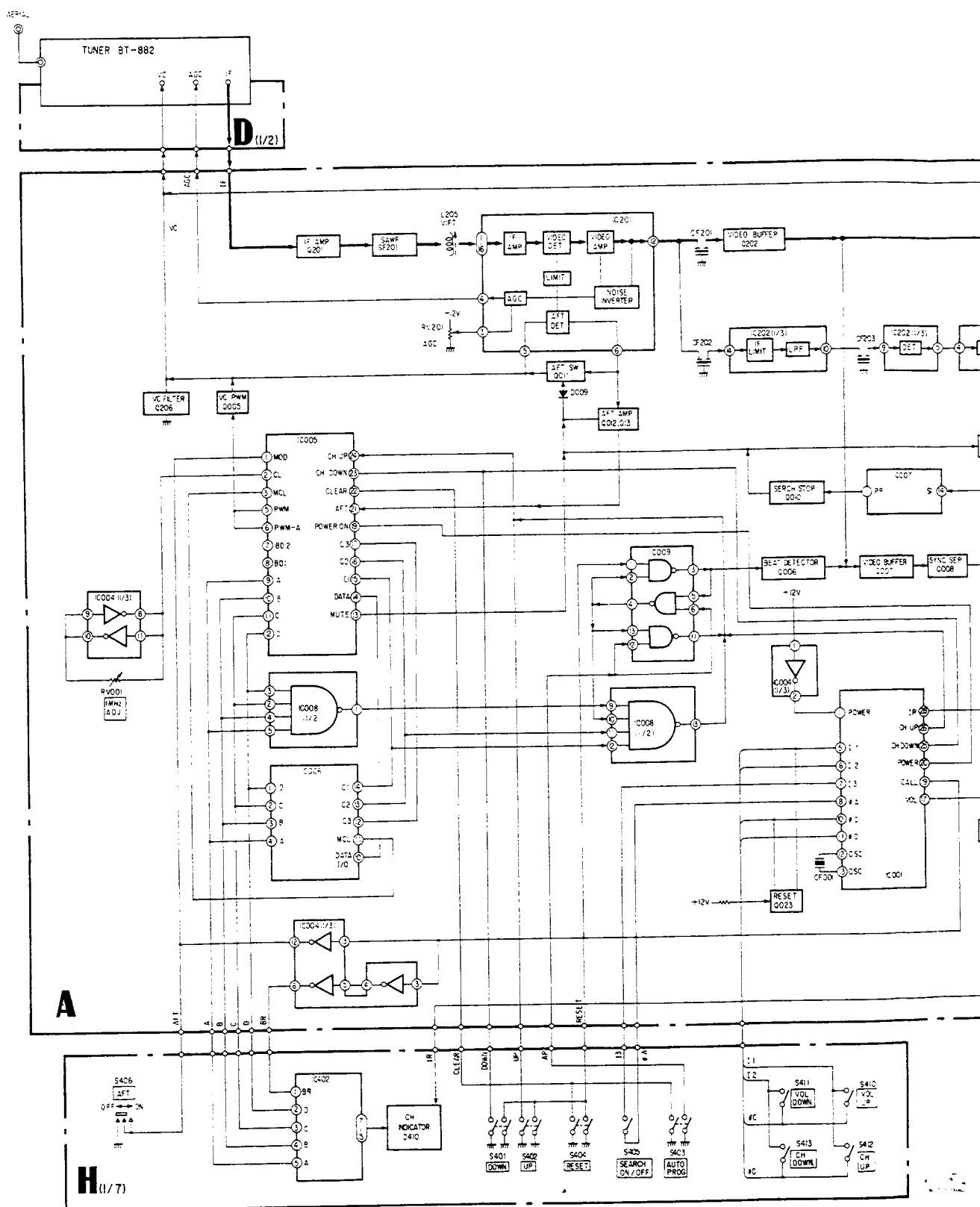


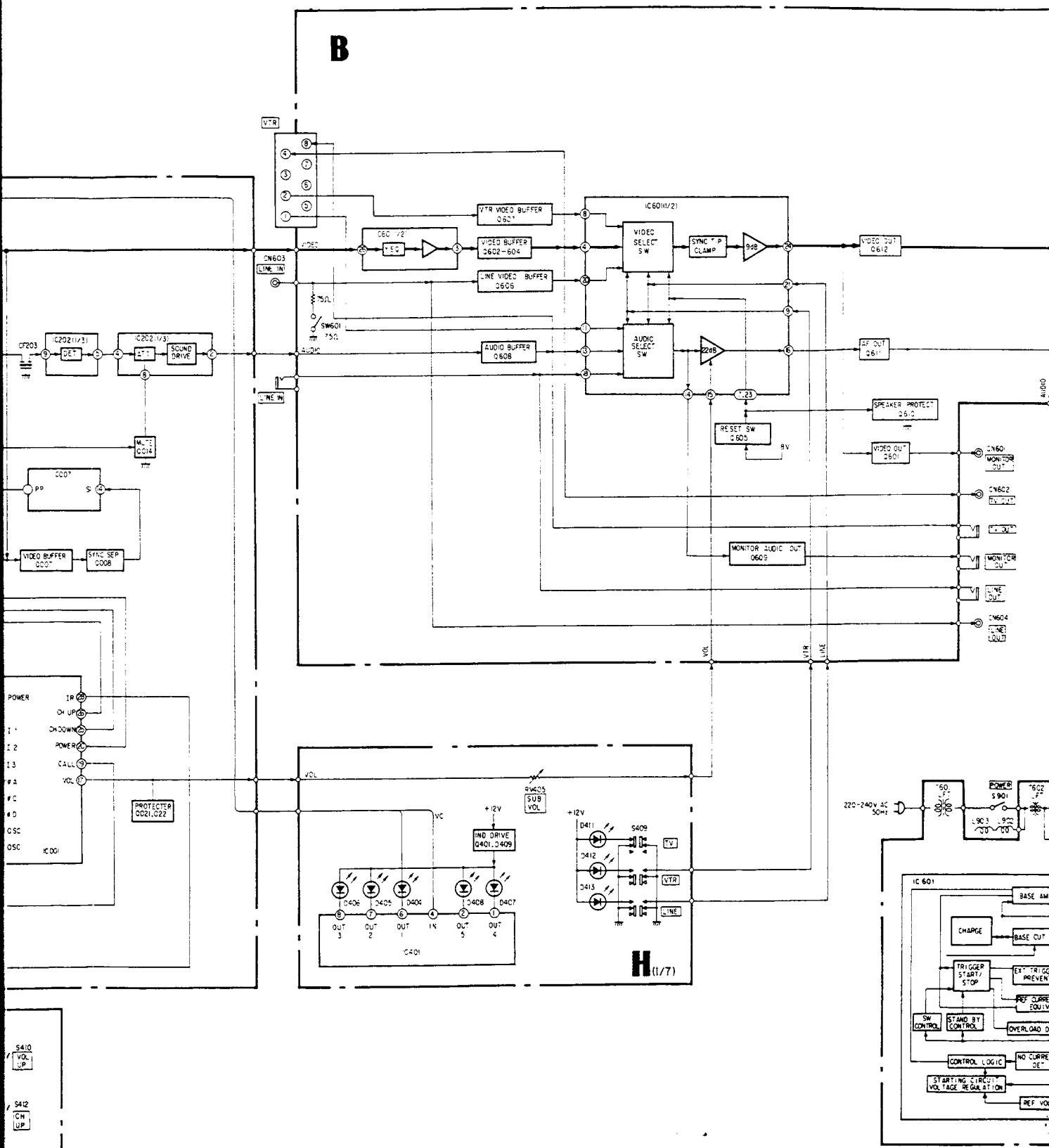
SECTION 3 DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION

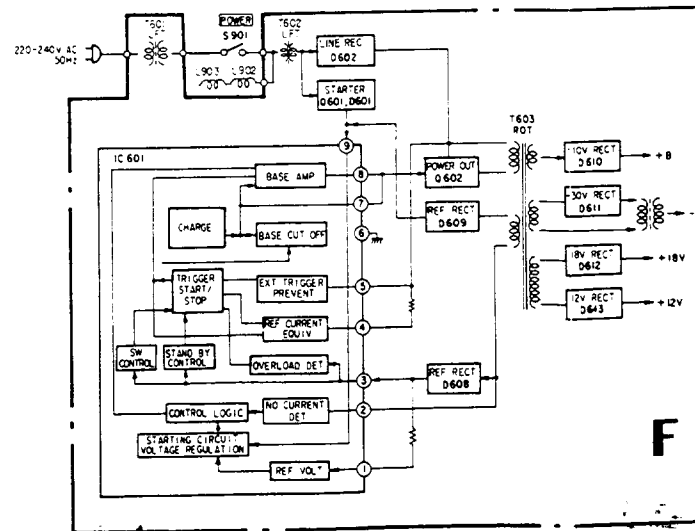
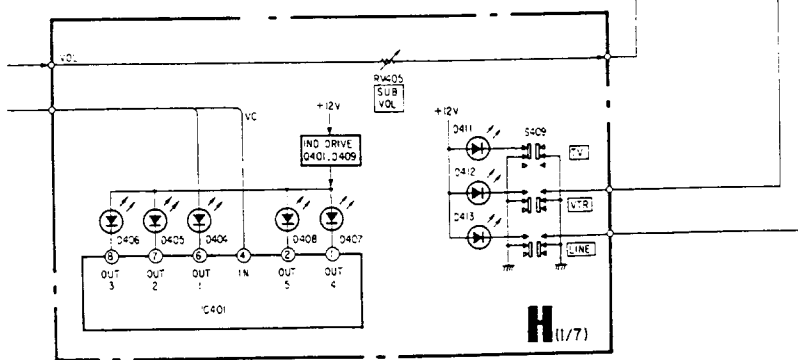
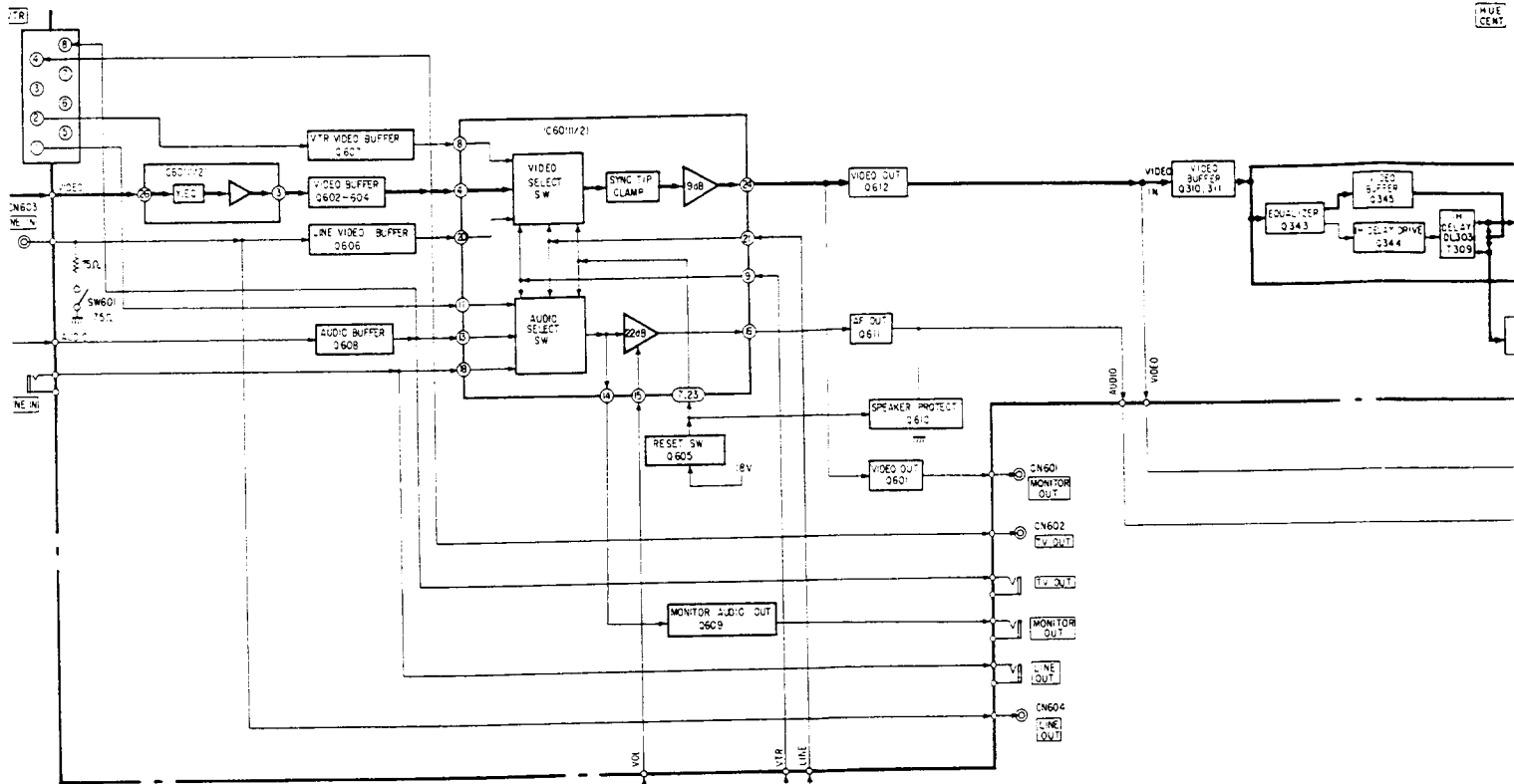


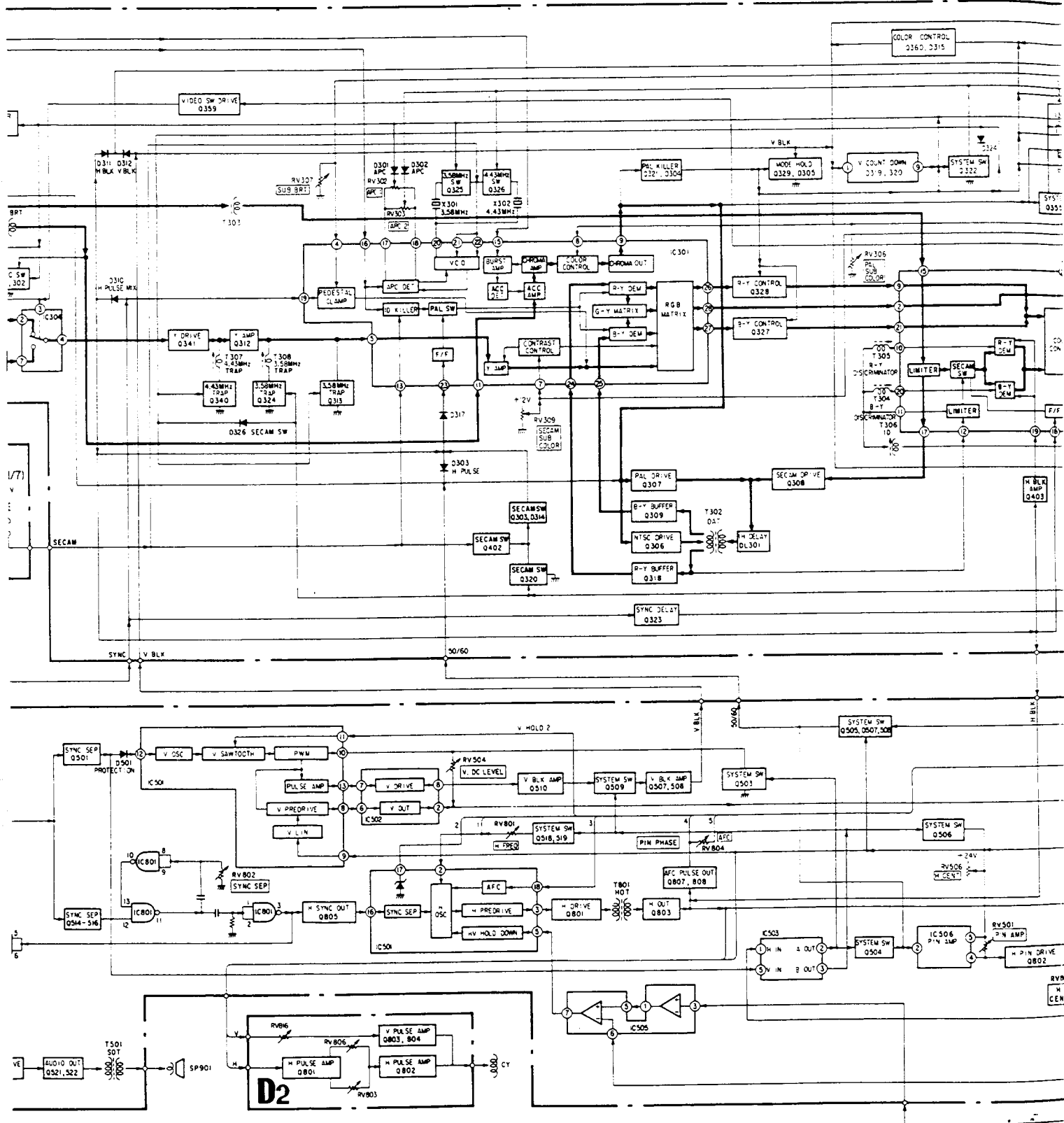
3-2. BLOCK DIAGRAM

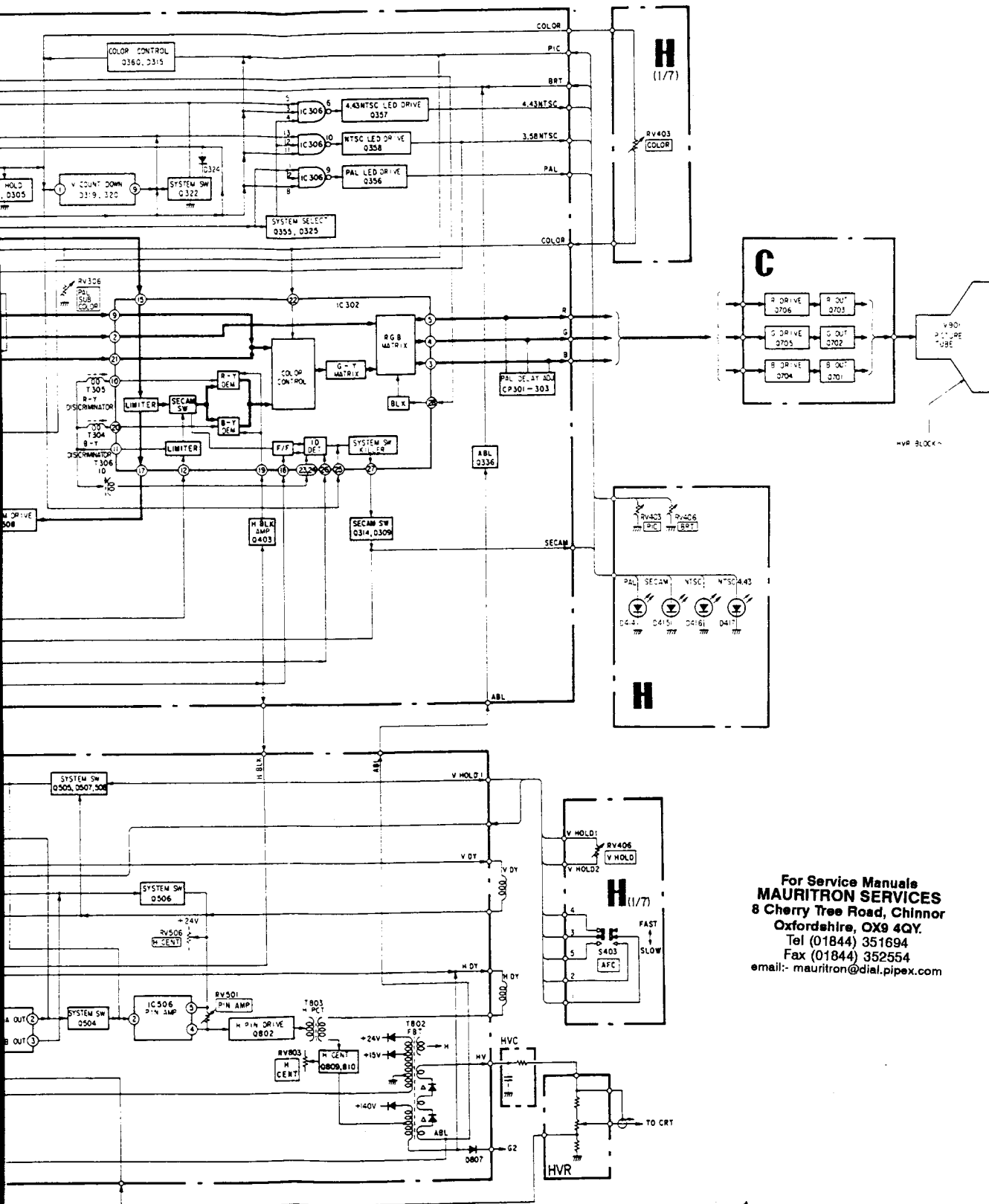




B

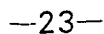


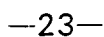


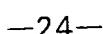


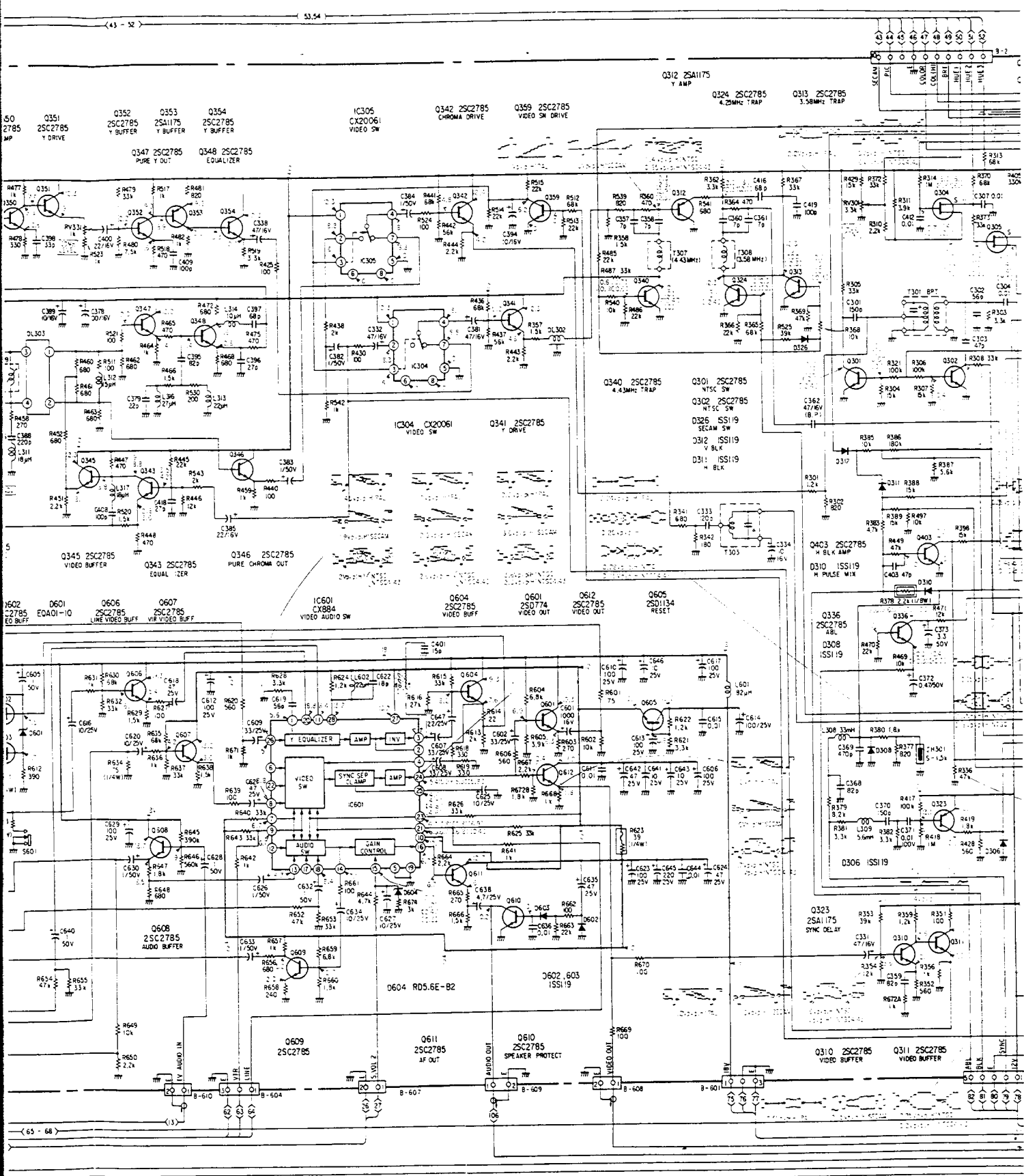
For Service Manuals
MAURITRON SERVICES
 8 Cherry Tree Road, Chinnor
 Oxfordshire, OX9 4QY.
 Tel (01844) 351694
 Fax (01844) 352554
 email:- mauritron@dial.pipex.com

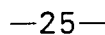
D





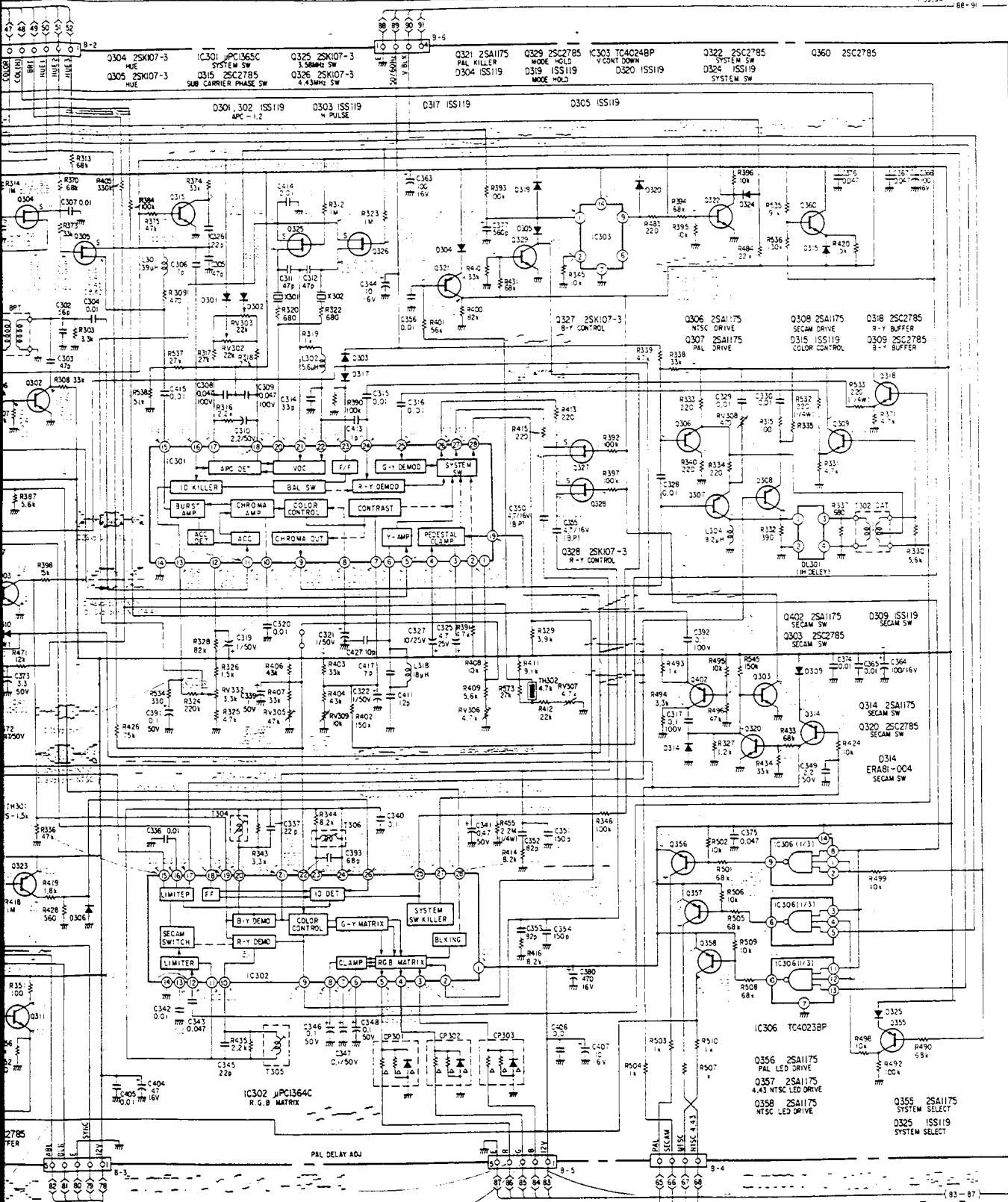






TO BOARD 10-1

53-54 TO BOARD 10-4
88-91 TO BOARD 10-1



1

2

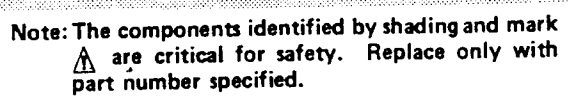
3

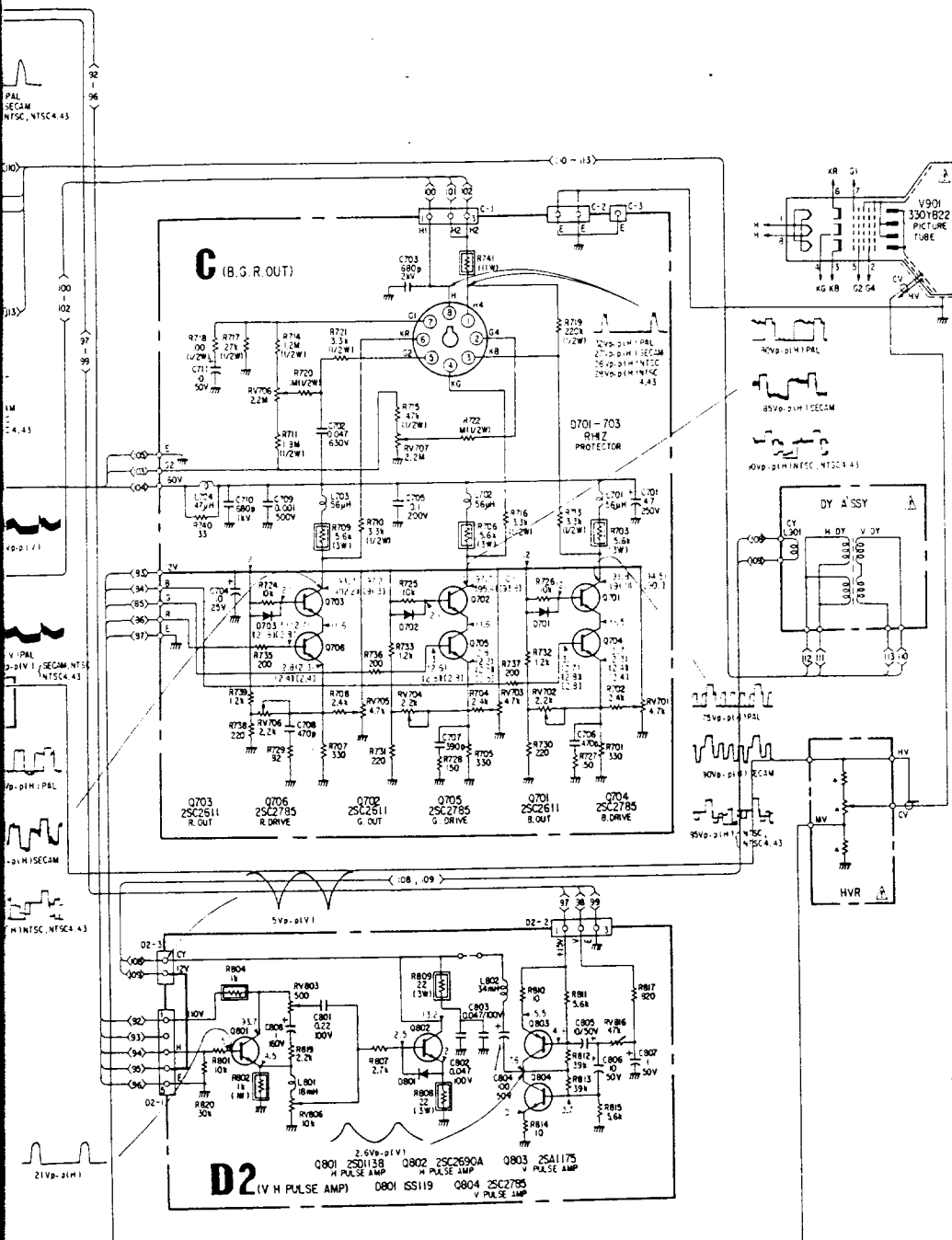
4

5

D







Note:

- All capacitors are in μF unless otherwise noted. p: μpF 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.
k Ω : 1000 Ω , M Ω : 1000k Ω
- Resistors on the C and D2 boards are in ohms, 1/4W unless otherwise noted.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.
- Δ : internal component.

- Voltages are dc with respect to ground unless otherwise noted.
- All voltage are in V.
- Readings are taken with a 10M Ω digital multimeter.
- : adjustment for repair.
- : B+ bus.
- : B- bus.
- Readings are taken with a color-bar signal input.
- no mark : with PAL color-bar signal received
- () : with SECAM color-bar signal received
- (()) : with NTSC color-bar signal received
- [] : with NTSC4.43 color-bar signal received
- * : selected to yield optimum performance

[VIF, SIF, CONTROLLER,
MNOS MEMORY]

3-4. PRINTED WIRING BOARDS - Conductor Side -

A

B

C

D

- A Board -

1

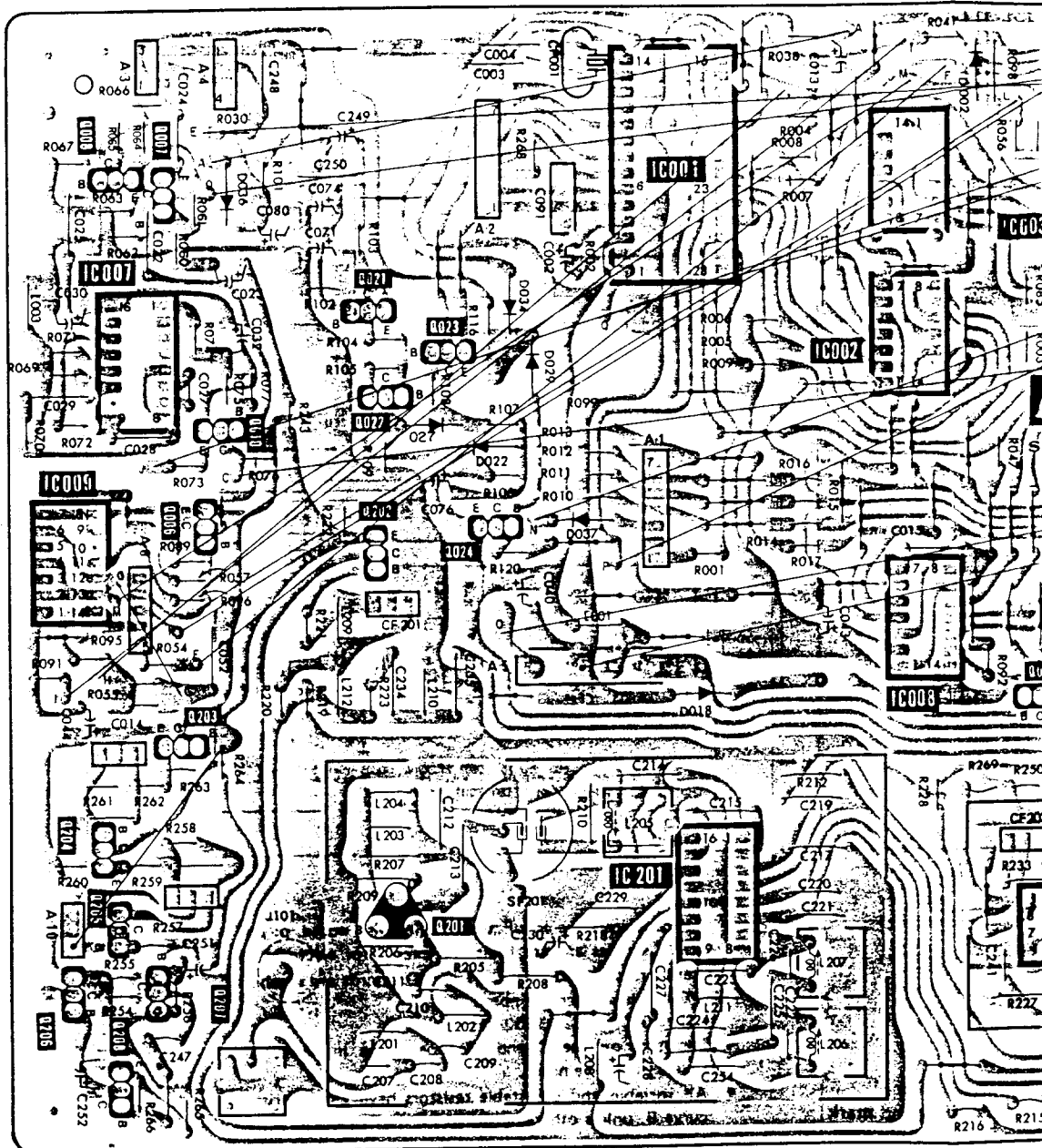
Q	008 IC009	007 IC007	010 006	021 022 202	023	IC001	IC008
IC				201		IC201	
D		036		022	034 029	037	002 018
ADJ							

2

3

4

5



A

C

[R.G.B OUT]

THE

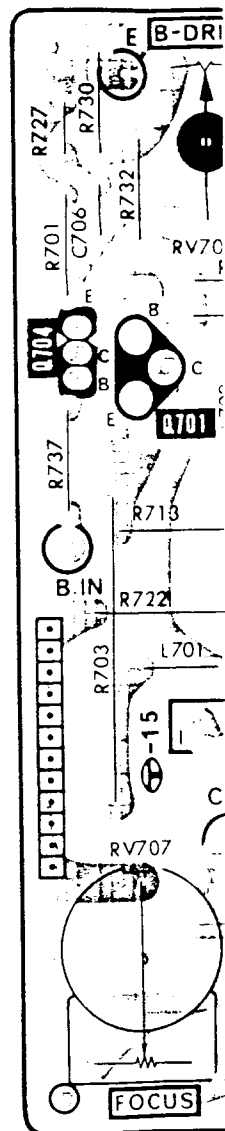
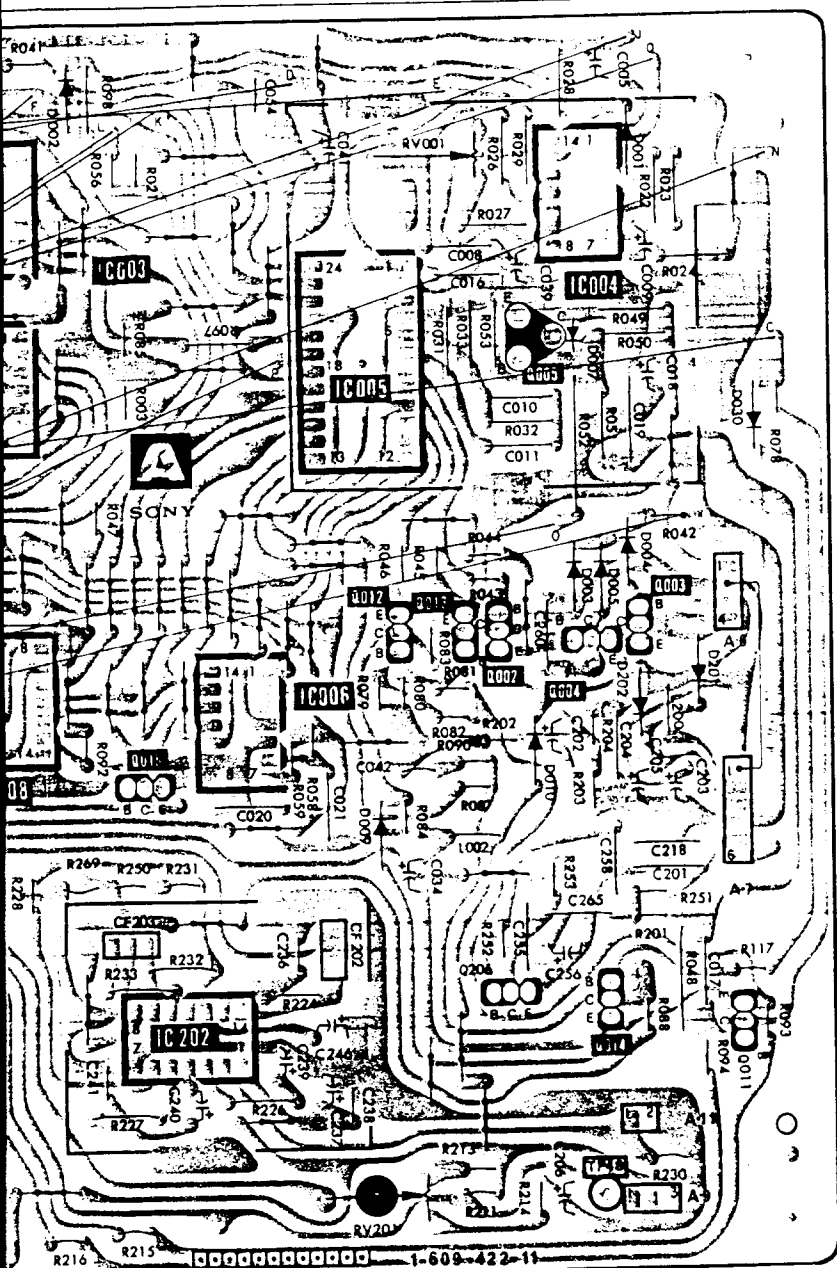
F

G

H

– C Board –

008	IC005	005	IC004	Q
	IC006	012 013		IC
	IC202	206	014	
002			007 001	030
	009	010		D
	RV201	RV001		ADJ



C

[R-G-B OUT]

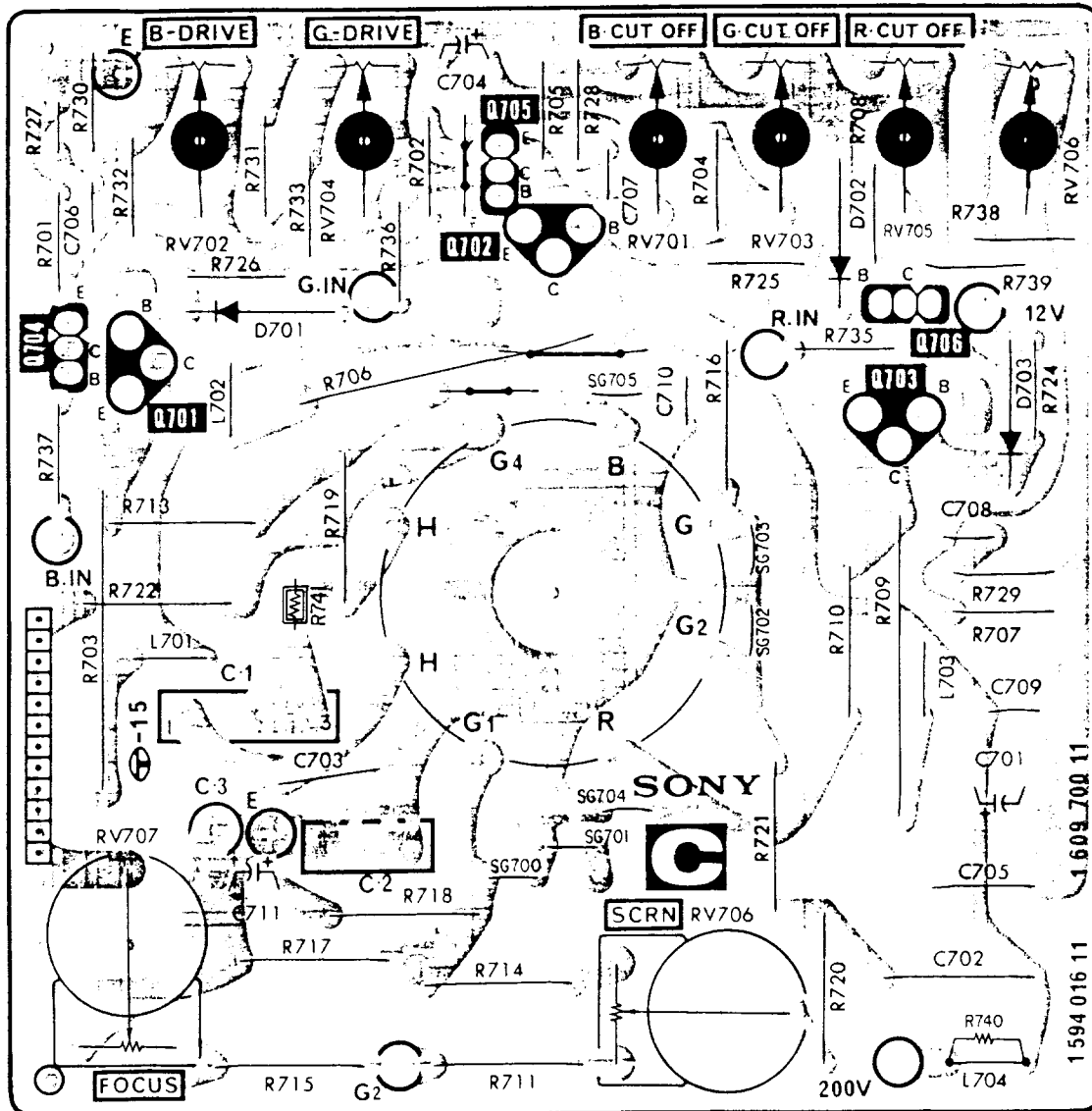
H

I

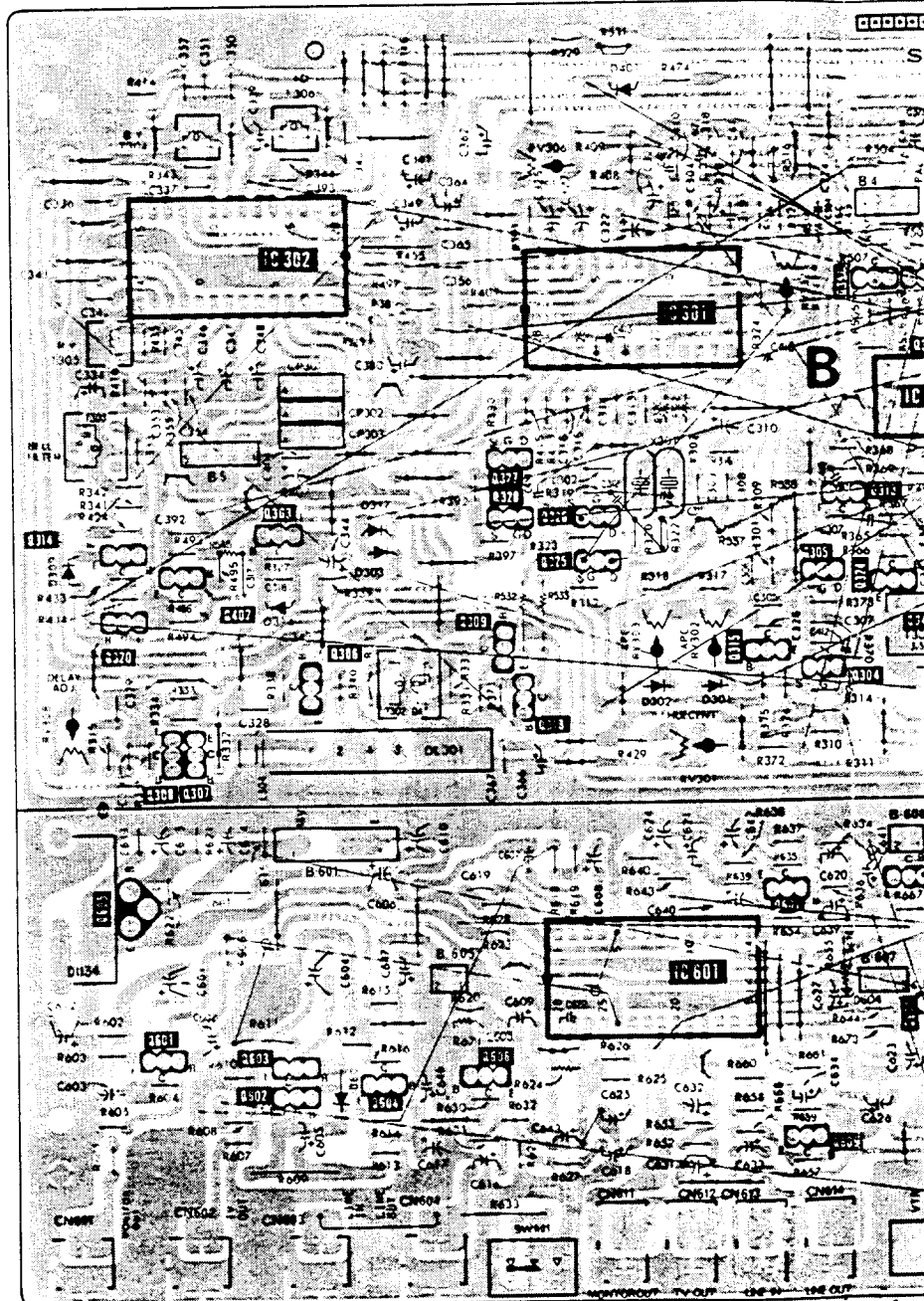
J

K

- C Board -



Q		IC 302					IC 301				357
IC		314 320	402 308, 307 605 601	303 306 603, 602		604	309 318 606	327 328 326 325 IC 601		315 607 304 305 609	313 32 612, 6
D		309		314 601	307 303				302, 301		E
ADJ	RV 308						RV 306		RV 302 RV 301	RV 332	



B

B

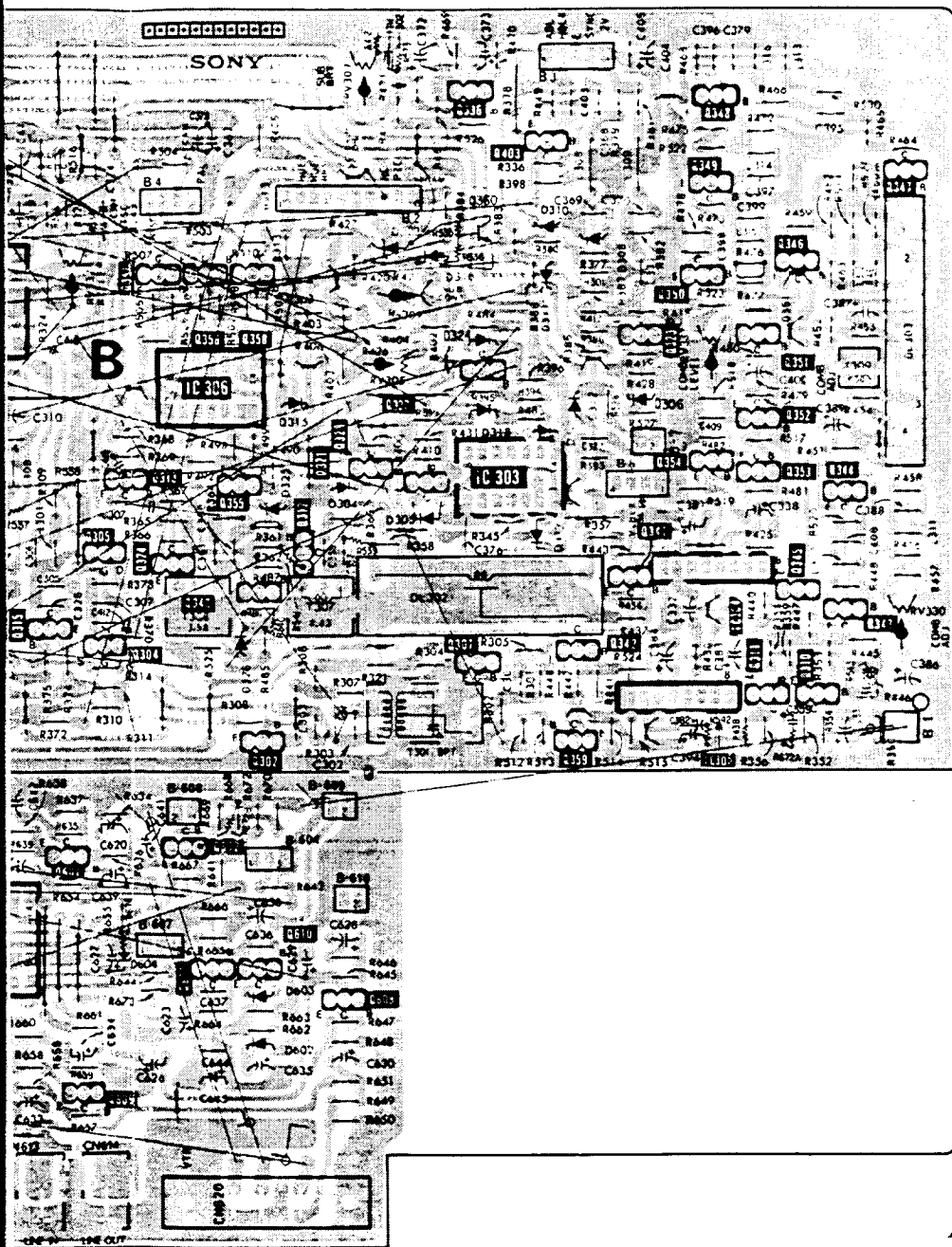
D

E

F

G

	357	356	358		360	336	403		348		346	347		
		IC306				322			349		351			
	315	607	304	305	313	355	321, 329	IC303		323	354, 353	352, 344		Q
			324	302	340	312			341	342	311, 310	345, 343		IC
		609	612, 611, 610		608		301		359					
01					604	603	315	304	305	324	320	310	308	D
					602	602	326, 325			319	311	312	306	
2	RV332						RV307	RV309			RV331	RV330		ADJ



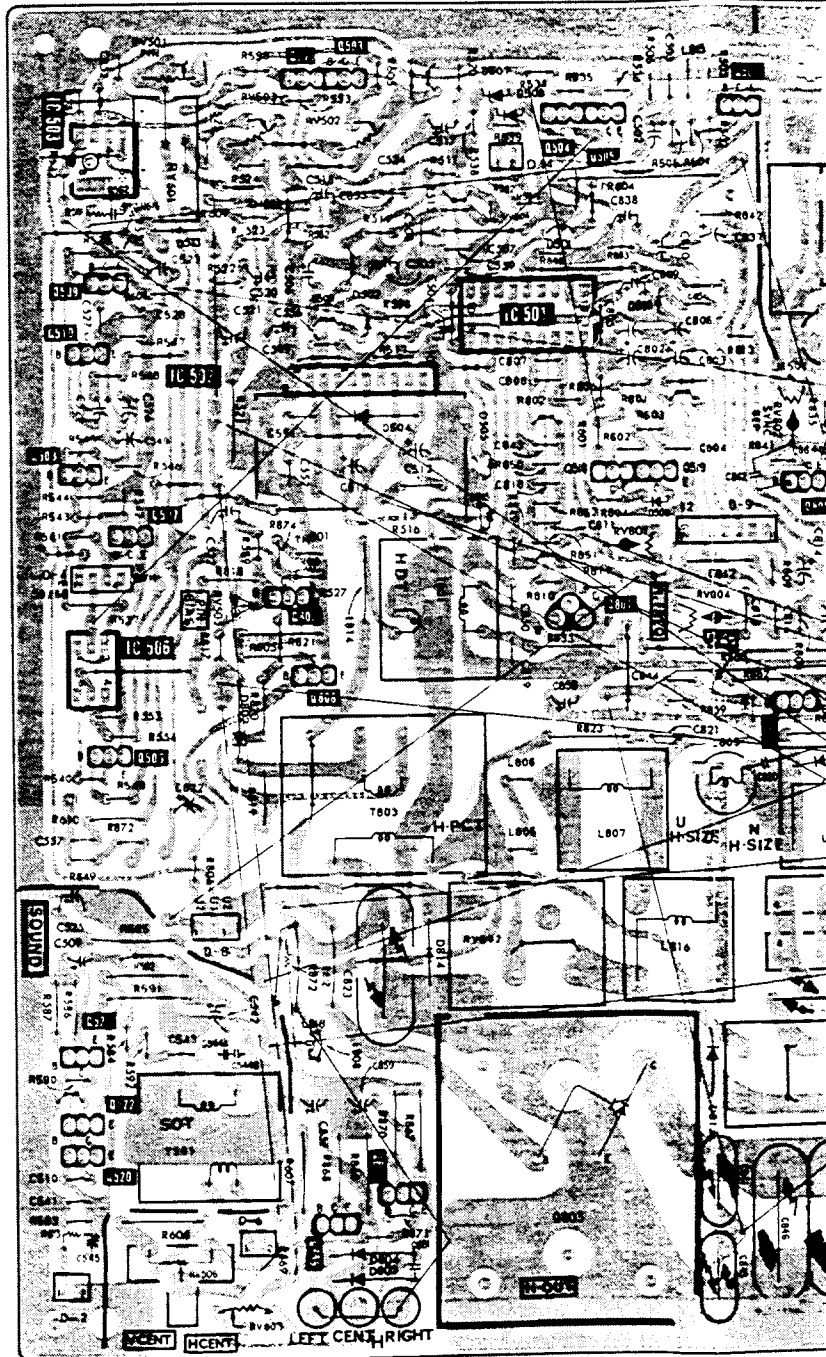
A

B

C

— D Board —

	IC503	509		503		504, 505		501
Q	510			IC502		IC501	518 519	
IC	508	507	802			801		
	521, 522			809	810	803		
	IC506	520						
D			802	502	504	507 508	501	816
				803, 804		505,		509
ADJ			RV503			RV504		
			RV803					
TP								



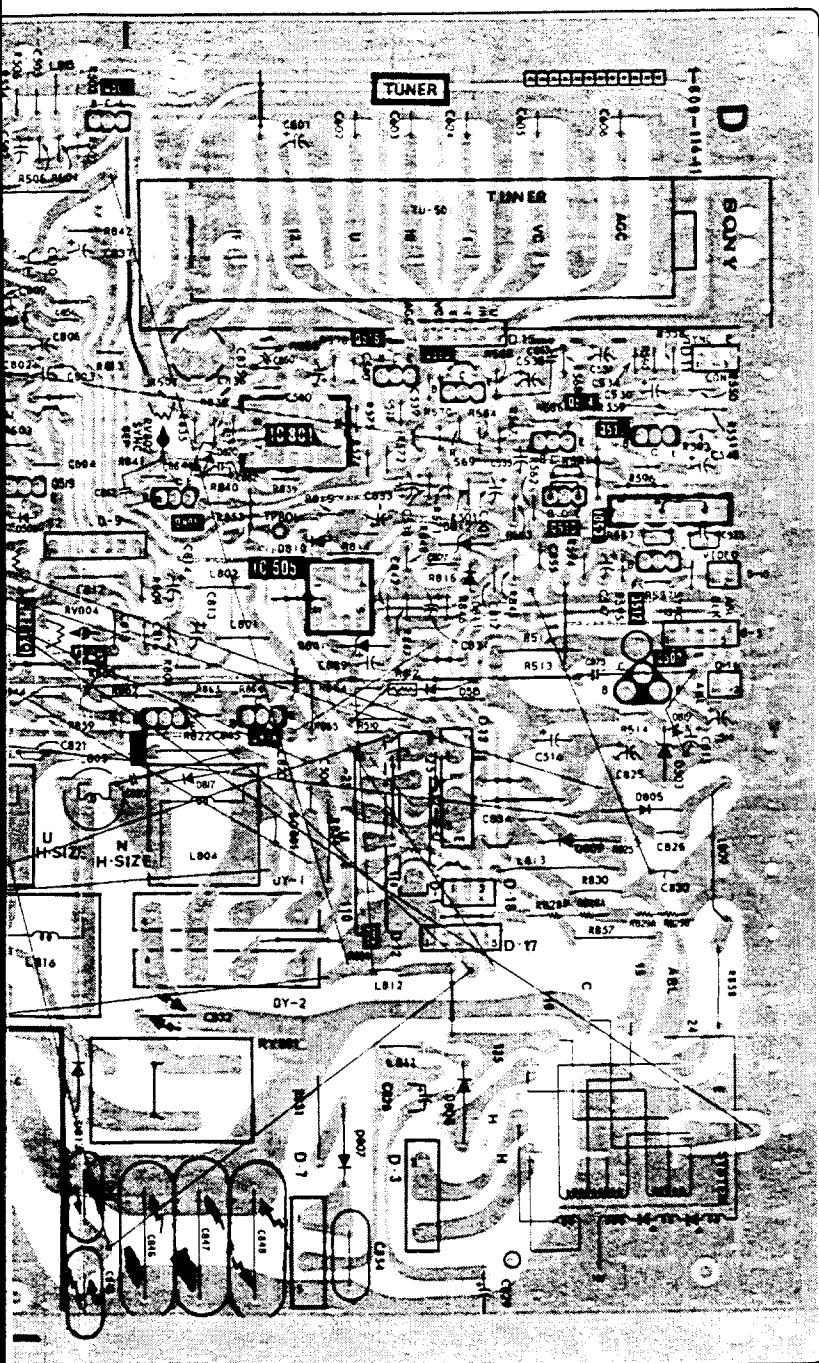
D

D

E

F

501	805	IC801	516	515	514	512	Q
	807	IC505			513	502	IC
816	820	817	810	801	812 811	809	D
509			807	807	806	805	
	RV 802						ADJ
							TP
		801					



A

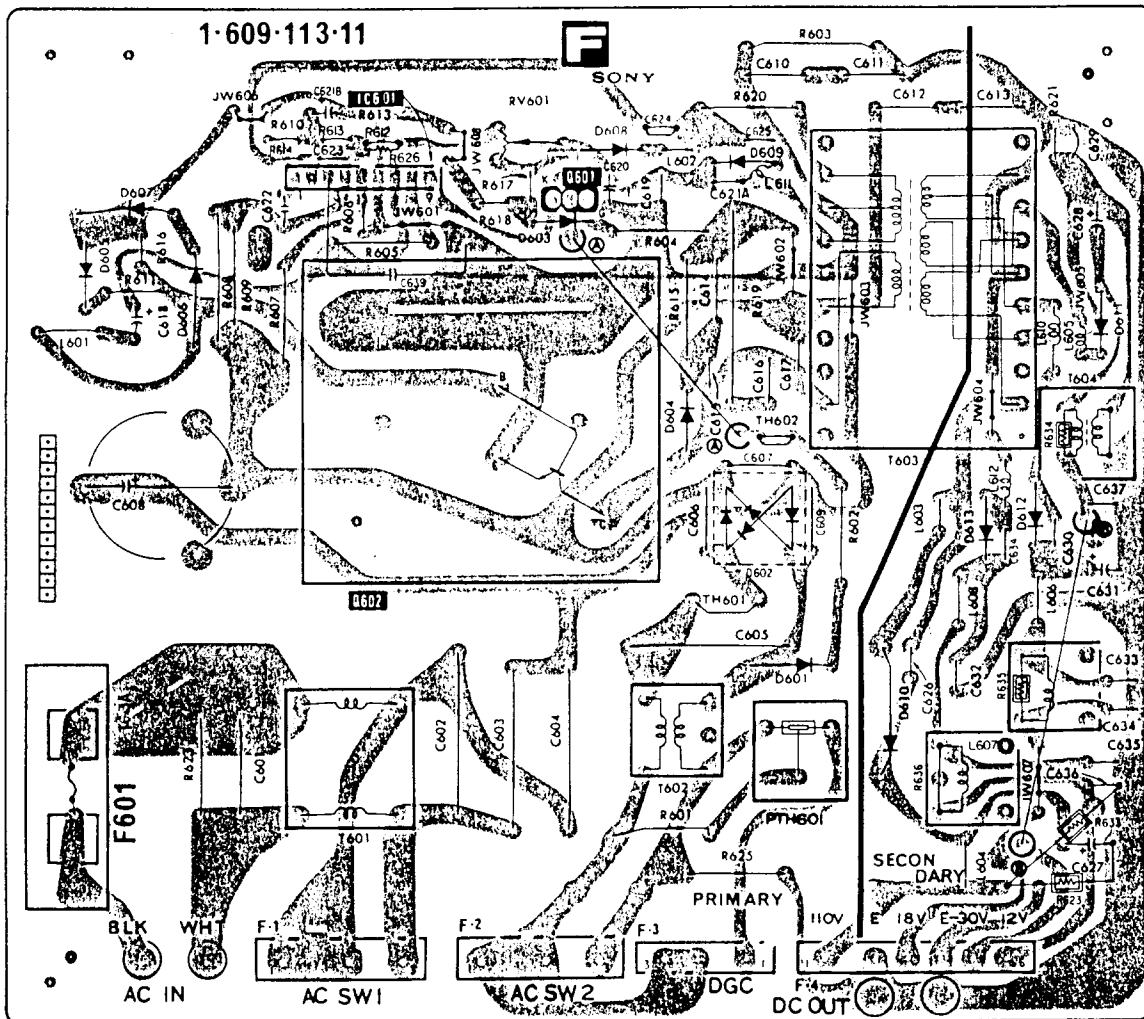
B

C

D

— F Board —

IC, Q	IC601											IC, Q
0	605	607	606	603	608	609	602	601	610	613, 612	611	0
ADJ	RV601											ADJ



— H Board



[V-H PULSE AMP]

H

[CUSTOMER CONTROL,
BAND DISPLAY]

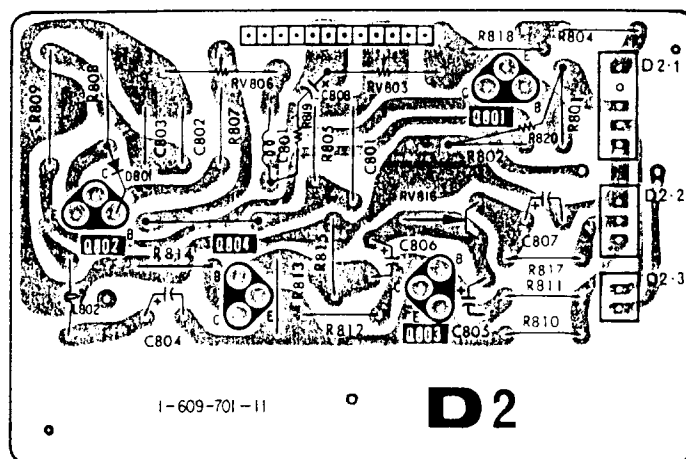
E

F

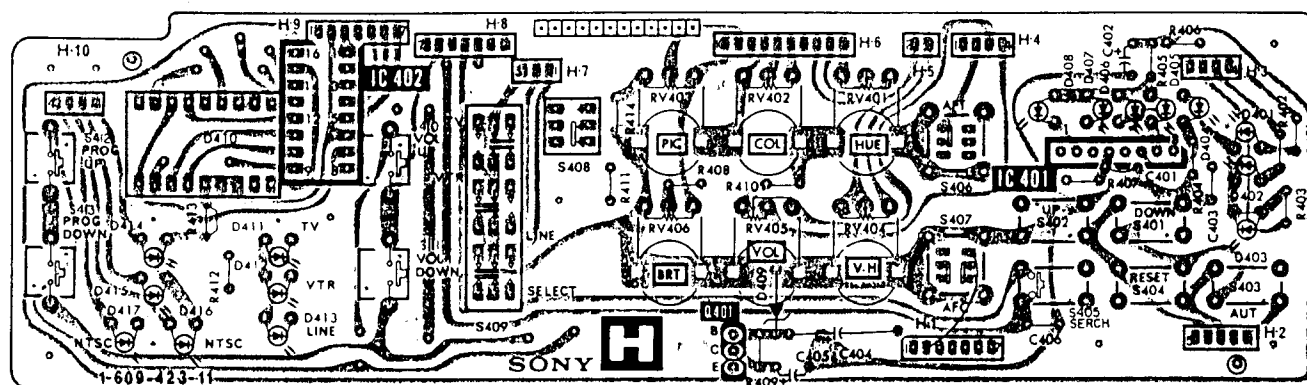
G

H

– D2 Board –

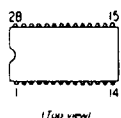


— H Board —

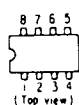


3.5. SEMICONDUCTORS

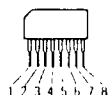
CX884
μPC1364C
μPC1365C



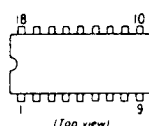
CX7916
μPC4558C



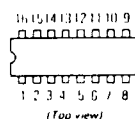
CX20061
M51903L



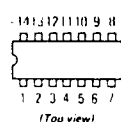
LA7802



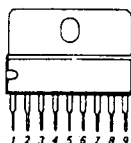
SN29764N



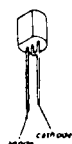
TC4011BP
TC4023BP
TC4024BP
μPD4024BC



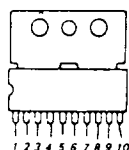
TDA4600



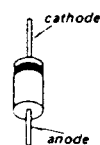
μPC574J



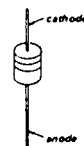
μPC1358H



1N4148H
1S1555
1S2076
1S2473
1SS82
1SS133
EM-1Z
RD5.1EB2
RD5.6EB2
RD5.6EBZ7S
RD13EB2
RD13EB2Z7
RD13EL1
RD20EB2
US1035



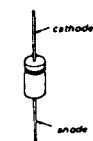
1SS119
1SS148



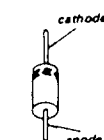
CR02AM8



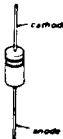
EQA01-10
ERA81-004
ERB12-02RK
RGP10J



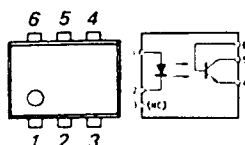
ERD29-08J



GP08D
RH-1
RH-1C
RH-1Z
SIB01-02



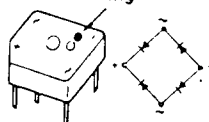
PC713



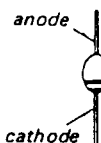
RB406NH



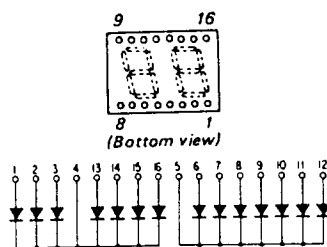
S3WB60S
S3WB60Z
Marking



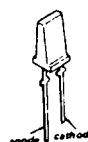
V19B
V19C
V19E
V30N



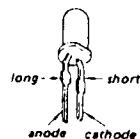
SL1222



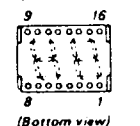
SY432D



TLG123A
TLR123
TLY123



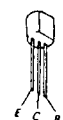
TLR320



2N3904



2SA733
2SA1015
2SC945
2SC1815
2SC1890
2SC1890A
JC501



2SA1013
2SC1475
2SC2230A
2SC2383
2SD789



2SA1026



2SA1048
2SA1115
2SC2458
2SC2603



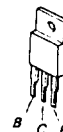
2SA1175
2SA1175F
2SC2785



2SB734
2SD774



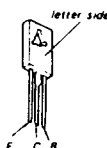
2SC1413SY
2SD1134
2SD1138



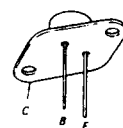
2SC2009



2SC2611
2SC2688
2SC2690A



2SD870



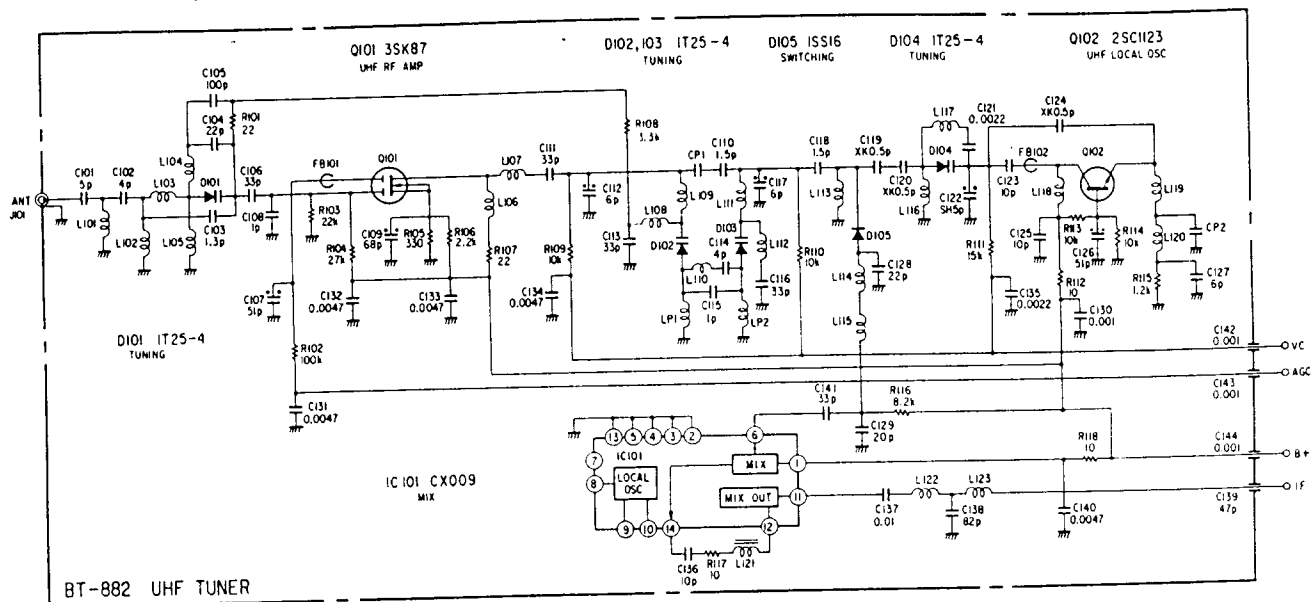
2SK23A



2SK107
2SK1073



3.6. TUNER SCHEMATIC DIAGRAM - UHF TUNER BT-882 -



SECTION 4 EXPLODED VIEWS

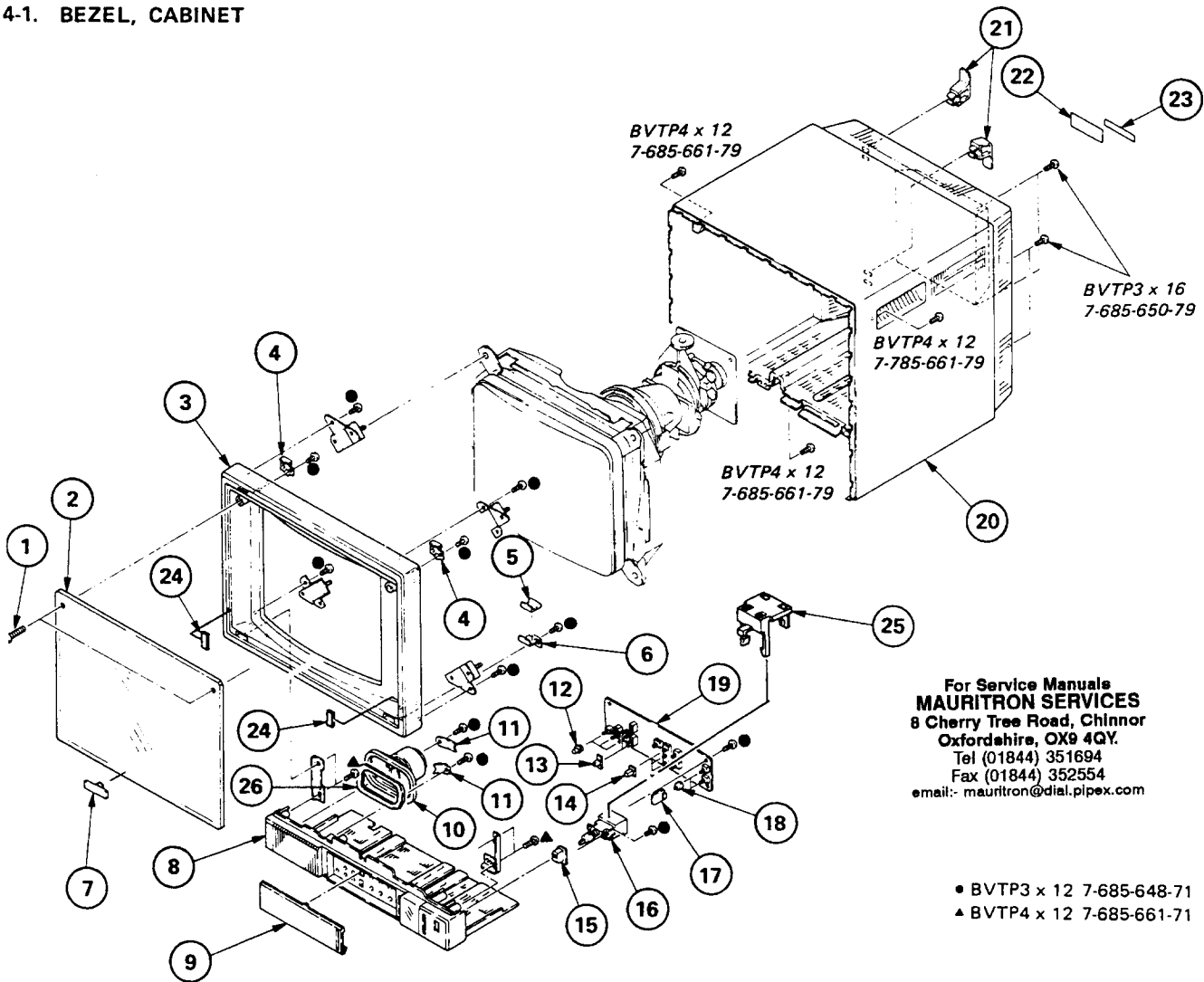
NOTE:

- 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. BEZEL, CABINET

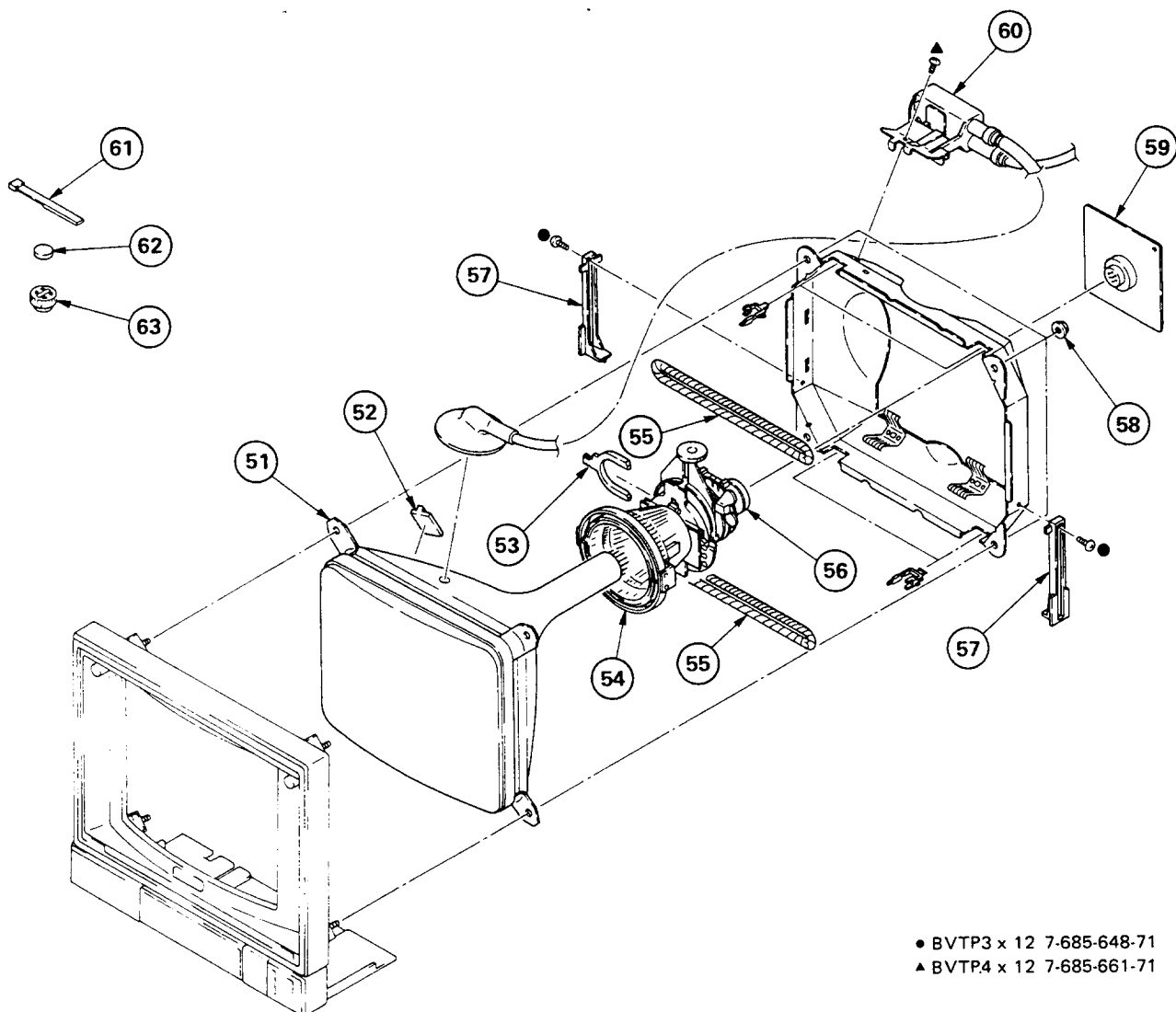


For Service Manuals
MAURITRON SERVICES
8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
Tel (01844) 351694
Fax (01844) 352554
email:- mauritron@dial.pipex.com

- BVTP3 x 12 7-685-648-71
- ▲ BVTP4 x 12 7-685-661-71

No.	Part No	Description	Remark	No.	Part No	Description	Remark
1	4-336-851-51	SCREW, ORNAMENTAL		15	4-364-710-00	BUTTON, POWER	
2	4-364-717-00	FILTER		16	▲ 1-553-225-12	SWITCH, PUSH	
3	X-4364-702-0	BEZEL ASSY	4, 5, 6	17	4-364-703-00	BUTTON	
4	▲ 4-341-905-00	NUT, PLATE (A)		18	▲ 4-364-708-00	SHAFT, BUTTON	
5	4-336-808-00	PROTECTOR, FILTER		19	▲ 1-609-423-00	H BOARD	
6	4-364-701-00	HOLDER, FILTER		20	X-4364-703-0	CABINET ASSY	21
7	▲ X-3701-079-0	EMBLEM (SMALL) ASSY, SONY		21	4-316-003-01	HOLDER, CORD	
8	X-4364-701-4	PANEL ASSY, CONTROL	9	22	▲ 4-364-756-01	LABEL, MODEL NUMBER (LARGE)	
9	X-4364-704-3	DOOR ASSY		23	3-701-940-00	LABEL, BEAB	
10	1-503-109-00	SPEAKER		24	9-911-837-XX	CUSHION (B) FILTER	
11	▲ 4-321-611-00	CLAW, RETAINING, SPEAKER		25	4-341-675-00	COVER, AC SWITCH	
12	4-333-704-00	BUTTON, CONTROL		26	▲ 4-364-741-00	CUSHION, SPEAKER	
13	4-364-730-00	KNOB, SLIDE					
14	4-349-408-00	PUSH BUTTON					

4.2. CRT

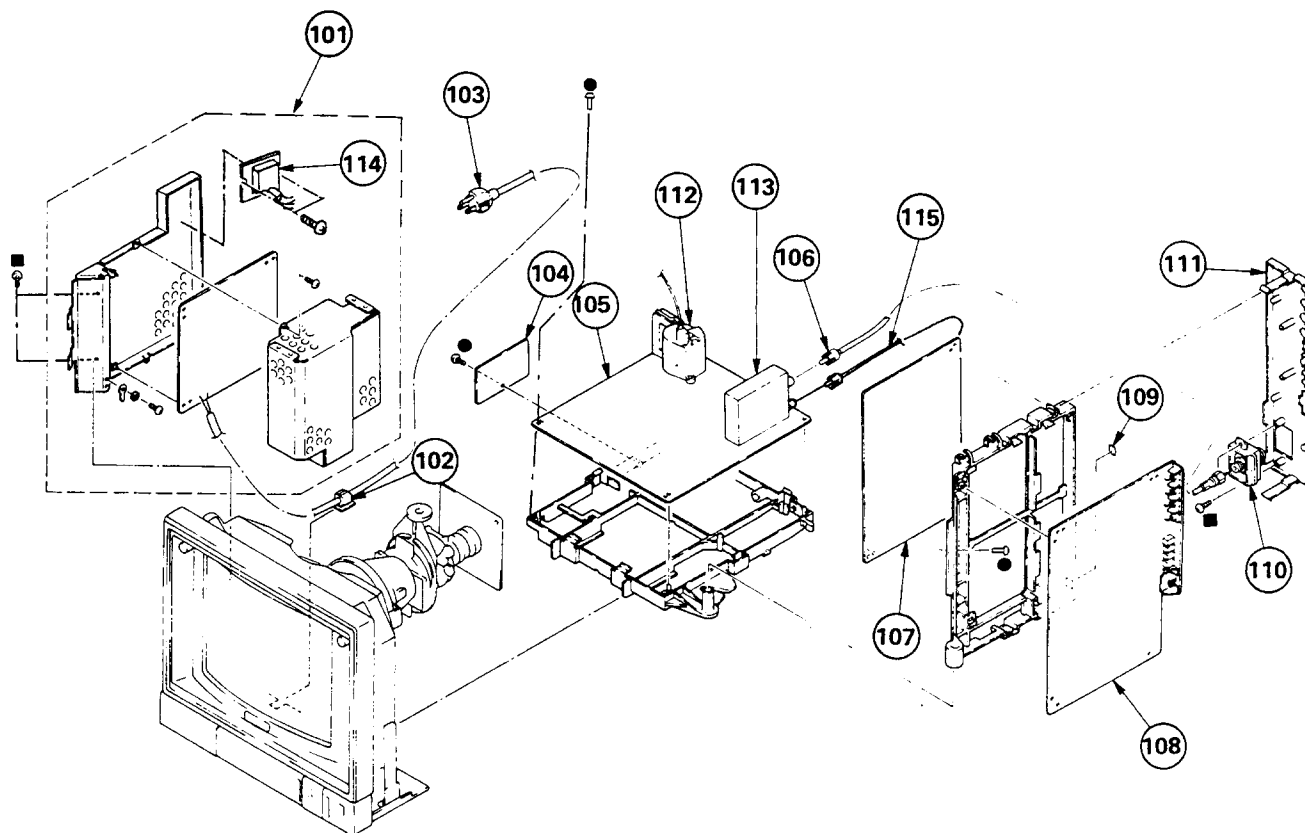


• BVTP3 x 12 7-685-648-71
 ▲ BVTP4 x 12 7-685-661-71

No.	Part No	Description	Remark	No.	Part No	Description	Remark
51	▲ 8-738-312-05	CRT (330YB22)		58	4-306-034-00	FLANGE NUT, (B) 5MM	
52	3-703-003-00	SPACER, DY		59	▲:A-1330-390-A	C BOARD, COMPLETE	
53	1-452-146-00	MAGNET, BMC		60	▲ 1-228-482-12	RESISTOR ASSY, HIGH-VOLTAGE	
54	▲ 1-451-160-32	DEFLECTION YOKE (SY-97)		61	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
55	▲ 1-426-086-12	COIL, DEGAUSSING		62	1-452-032-00	MAGNET, DISK; 10MM ϕ	
56	▲ 1-452-214-12	CRT NECK ASSY (H TYPE)		63	1-452-094-00	MAGNET, ROTABLE DISK; 15MM ϕ	
57	▲:4-364-705-00	BRACKET, FIXED, CRT					

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

4.3. CHASSIS



- BVTP3 x 12 7-685-648-71
- BVTP3 x 8 7-685-646-71

No.	Part No	Description	Remark	No.	Part No	Description	Remark
101	▲:A-1245-191-A	F BOARD, COMPLETE		109	▲:4-337-327-01	LABEL, OPEN	
102	▲4-364-745-01	BUSHING, AC COARD		110	▲1-536-494-11	ANT TERMINAL ASSY	
103	▲1-534-820-12	POWER CORD		111	4-364-746-01	PANEL (B), CONNECTOR	
104	▲:1-609-701-00	D2 BOARD		112	▲1-439-308-11	TRANSFORMER ASSY, FLYBACK	
105	▲:A-1345-398-A	D BOARD, COMPLETE		113	▲1-463-371-12	TUNER (BT-882)	
106	▲:1-551-489-00	CABLE, WITH CABLE		114	▲1-162-142-21	CAP BLOCK, HIGH VOLTAGE	
107	▲:A-1295-656-A	A BOARD, COMPLETE		115	▲:1-555-400-81	CABLE, PIN	
108	▲:A-1135-193-A	B BOARD, COMPLETE					

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

B

SECTION 5 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 "A" 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 : μ F, PF : μ PF

RESISTORS
• All resistors are in ohms
• F : nonflammable

COILS
• MMH : mH, UH : μ H

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
	A:A-1135-229-A B BOARD, COMPLETE *****						
	<u>CONNECTOR</u>						
B2	A:1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C340	1-108-849-00	MYLAR 0.1MF 10% 50V	
B3	A:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C341	1-123-379-00	ELECT 0.47MF 20% 50V	
B4	A:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C342	1-102-129-00	CERAMIC 0.01MF 10% 50V	
B5	A:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		C343	1-101-006-00	CERAMIC 0.047MF 50V	
B6	A:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C344	1-123-356-00	ELECT 10MF 20% 16V	
B503	1-536-782-00	TERMINAL BOARD, INPUT/OUTPUT		C345	1-102-892-00	CERAMIC 22PF 5% 50V	
B601	A:1-508-765-00	3P PLUG (M)		C346	1-123-607-00	ELECT 0.1MF 20% 50V	
B604	A:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		C347	1-123-607-00	ELECT 0.1MF 20% 50V	
B605	A:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C348	1-123-607-00	ELECT 0.1MF 20% 50V	
B607	A:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C349	1-123-381-00	ELECT 2.2MF 20% 50V	
B608	A:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C350	1-121-257-00	ELECT 4.7MF 16V	
B609	A:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C351	1-101-361-00	CERAMIC 150PF 5% 50V	
B610	A:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C352	1-102-971-00	CERAMIC 82PF 5% 50V	
	<u>CAPACITOR</u>			C353	1-102-971-00	CERAMIC 82PF 5% 50V	
C301	1-101-361-00	CERAMIC 150PF 5% 50V		C354	1-101-361-00	CERAMIC 150PF 5% 50V	
C302	1-101-884-00	CERAMIC 56PF 5% 50V		C355	1-121-257-00	ELECT 4.7MF 16V	
C303	1-101-880-00	CERAMIC 47PF 5% 50V		C356	1-102-129-00	CERAMIC 0.01MF 10% 50V	
C304	1-102-129-00	CERAMIC 0.01MF 10% 50V		C357	1-102-809-00	CERAMIC 7PF 1PF 50V	
C305	1-101-880-00	CERAMIC 47PF 5% 50V		C358	1-102-809-00	CERAMIC 7PF 1PF 50V	
C306	1-102-944-00	CERAMIC 7PF 0.5PF 50V		C359	1-102-971-00	CERAMIC 82PF 5% 50V	
C307	1-102-129-00	CERAMIC 0.01MF 10% 50V		C360	1-102-809-00	CERAMIC 7PF 1PF 50V	
C308	1-108-385-00	MYLAR 0.047MF 10% 100V		C361	1-102-809-00	CERAMIC 7PF 1PF 50V	
C309	1-108-385-00	MYLAR 0.047MF 10% 100V		C362	1-123-332-00	ELECT 47MF 16V	
C310	1-123-381-00	ELECT 2.2MF 20% 50V		C363	1-123-333-00	ELECT 100MF 20% 16V	
C311	1-102-852-00	CERAMIC 47PF 5% 50V		C364	1-123-333-00	ELECT 100MF 20% 16V	
C312	1-102-852-00	CERAMIC 47PF 5% 50V		C365	1-102-129-00	CERAMIC 0.01MF 10% 50V	
C314	1-102-963-00	CERAMIC 33PF 5% 50V		C366	1-123-333-00	ELECT 100MF 20% 16V	
C315	1-102-129-00	CERAMIC 0.01MF 10% 50V		C367	1-101-006-00	CERAMIC 0.047MF 50V	
C316	1-102-129-00	CERAMIC 0.01MF 10% 50V		C368	1-102-971-00	CERAMIC 82PF 5% 50V	
C317	1-108-389-00	MYLAR 0.1MF 10% 100V		C369	1-102-824-00	CERAMIC 470PF 5% 50V	
C319	1-123-380-00	ELECT 1MF 20% 50V		C370	1-101-361-00	CERAMIC 150PF 5% 50V	
C320	1-102-129-00	CERAMIC 0.01MF 10% 50V		C371	1-108-377-00	MYLAR 0.01MF 10% 100V	
C321	1-123-380-00	ELECT 1MF 20% 50V		C372	1-123-379-00	ELECT 0.47MF 20% 50V	
C322	1-123-380-00	ELECT 1MF 20% 50V		C373	1-123-382-00	ELECT 3.3MF 20% 50V	
C325	1-123-328-00	ELECT 4.7MF 20% 25V		C374	1-102-129-00	CERAMIC 0.01MF 10% 50V	
C326	1-102-959-00	CERAMIC 22PF 5% 50V		C375	1-101-006-00	CERAMIC 0.047MF 50V	
C327	1-123-356-00	ELECT 10MF 20% 50V		C376	1-101-006-00	CERAMIC 0.047MF 50V	
C328	1-102-129-00	CERAMIC 0.01MF 10% 50V		C377	1-102-115-00	CERAMIC 560PF 10% 50V	
C329	1-102-129-00	CERAMIC 0.01MF 10% 50V		C378	1-123-333-00	ELECT 100MF 20% 16V	
C330	1-102-129-00	CERAMIC 0.01MF 10% 50V		C379	1-102-959-00	CERAMIC 22PF 5% 50V	
C331	1-123-332-00	ELECT 47MF 20% 16V		C380	1-123-323-00	ELECT 470MF 20% 16V	
C332	1-123-332-00	ELECT 47MF 20% 16V		C381	1-123-332-00	ELECT 47MF 20% 16V	
C333	1-102-679-00	CERAMIC 120PF 5% 50V		C382	1-123-380-00	ELECT 1MF 20% 50V	
C334	1-123-356-00	ELECT 10MF 20% 16V		C383	1-123-380-00	ELECT 1MF 20% 50V	
C336	1-102-129-00	CERAMIC 0.01MF 10% 50V		C384	1-123-380-00	ELECT 1MF 20% 50V	
C337	1-102-892-00	CERAMIC 22PF 5% 50V		C385	1-123-330-00	ELECT 22MF 20% 16V	
C338	1-123-332-00	ELECT 47MF 20% 16V		C386	1-123-356-00	ELECT 10MF 20% 16V	
C339	1-123-380-00	ELECT 1MF 20% 50V		C387	1-123-356-00	ELECT 10MF 20% 16V	
				C388	1-102-978-00	CERAMIC 220PF 5% 50V	
				C389	1-123-356-00	ELECT 10MF 20% 16V	
				C391	1-123-607-00	ELECT 0.1MF 20% 50V	
				C392	1-108-389-00	MYLAR 0.1MF 10% 100V	
				C393	1-102-525-00	CERAMIC 68PF 5% 50V	

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
C394	1-123-356-00	ELECT	10MF 20% 16V	C632	1-123-380-00	ELECT	1MF 20% 50V
C395	1-102-971-00	CERAMIC	82PF 5% 50V	C633	1-123-380-00	ELECT	1MF 20% 50V
C396	1-102-961-00	CERAMIC	27PF 5% 50V	C634	1-123-356-00	ELECT	10MF 20% 25V
C397	1-101-888-00	CERAMIC	68PF 5% 50V	C635	1-123-332-00	ELECT	47MF 20% 25V
C398	1-102-963-00	CERAMIC	33PF 5% 50V	C636	1-102-129-00	CERAMIC	0.01MF 10% 50V
C400	1-123-330-00	ELECT	22MF 20% 16V	C638	1-123-328-00	ELECT	4.7MF 20% 25V
C401	1-102-951-00	CERAMIC	15PF 5% 50V	C640	1-123-380-00	ELECT	1MF 20% 50V
C403	1-101-880-00	CERAMIC	47PF 5% 50V	C641	1-123-356-00	ELECT	10MF 20% 25V
C404	1-123-332-00	ELECT	47MF 20% 16V	C642	1-123-332-00	ELECT	47MF 20% 25V
C405	1-102-129-00	CERAMIC	0.01MF 10% 50V	C643	1-123-356-00	ELECT	10MF 20% 25V
C406	1-102-129-00	CERAMIC	0.01MF 10% 50V	C644	1-101-004-00	CERAMIC	0.01MF 50V
C407	1-123-356-00	ELECT	10MF 20% 16V	C645	1-123-334-00	ELECT	220MF 20% 25V
C408	1-102-973-00	CERAMIC	100PF 5% 50V	C646	1-123-356-00	ELECT	10MF 20% 25V
C409	1-102-973-00	CERAMIC	100PF 5% 50V	C647	1-123-330-00	ELECT	22MF 20% 25V
C411	1-102-949-00	CERAMIC	12PF 5% 50V				
C412	1-102-129-00	CERAMIC	0.01MF 10% 50V				
C413	1-102-938-00	CERAMIC	1PF 0.5PF 50V				
C414	1-101-004-00	CERAMIC	0.01MF 50V				
C415	1-101-004-00	CERAMIC	0.01MF 50V				
C416	1-101-888-00	CERAMIC	68PF 5% 50V				
C417	1-102-809-00	CERAMIC	7PF 1PF 50V				
C418	1-102-961-00	CERAMIC	27PF 5% 50V				
C419	1-102-973-00	CERAMIC	100PF 5% 50V				
C427	1-102-947-00	CERAMIC	10PF 5% 50V				
C601	1-123-324-00	ELECT	1000MF 20% 16V				
C602	1-123-331-00	ELECT	33MF 20% 25V				
C603	1-123-333-00	ELECT	100MF 20% 25V				
C604	1-123-325-00	ELECT	2200MF 20% 16V				
C605	1-123-380-00	ELECT	1MF 20% 50V				
C606	1-123-333-00	ELECT	100MF 20% 25V				
C607	1-123-331-00	ELECT	33MF 20% 25V				
C608	1-123-331-00	ELECT	33MF 20% 25V				
C609	1-123-331-00	ELECT	33MF 20% 25V				
C610	1-123-333-00	ELECT	100MF 20% 25V				
C611	1-102-129-00	CERAMIC	0.01MF 10% 50V				
C612	1-123-333-00	ELECT	100MF 20% 25V				
C613	1-123-333-00	ELECT	100MF 20% 25V				
C614	1-123-333-00	ELECT	100MF 20% 25V				
C615	1-102-129-00	CERAMIC	0.01MF 10% 50V				
C616	1-123-356-00	ELECT	10MF 20% 25V				
C617	1-123-333-00	ELECT	100MF 20% 25V				
C618	1-123-332-00	ELECT	47MF 20% 25V				
C619	1-101-884-00	CERAMIC	56PF 5% 50V				
C620	1-123-356-00	ELECT	10MF 20% 25V				
C621	1-123-332-00	ELECT	47MF 20% 25V				
C622	1-102-953-00	CERAMIC	18PF 5% 50V				
C623	1-123-333-00	ELECT	100MF 20% 25V				
C624	1-123-332-00	ELECT	47MF 20% 25V				
C625	1-123-356-00	ELECT	10MF 20% 25V				
C626	1-123-380-00	ELECT	1MF 20% 50V				
C627	1-123-356-00	ELECT	10MF 20% 25V				
C628	1-123-380-00	ELECT	1MF 20% 50V				
C629	1-123-333-00	ELECT	100MF 20% 25V				
C630	1-123-380-00	ELECT	1MF 20% 50V				
DIODE							
D301	8-719-911-19	DIODE	1SS119				
D302	8-719-911-19	DIODE	1SS119				
D303	8-719-911-19	DIODE	1SS119				
D304	8-719-911-19	DIODE	1SS119				
D305	8-719-911-19	DIODE	1SS119				
D306	8-719-911-19	DIODE	1SS119				
D308	8-719-911-19	DIODE	1SS119				
D309	8-719-911-19	DIODE	1SS119				
D310	8-719-911-19	DIODE	1SS119				
D311	8-719-911-19	DIODE	1SS119				
D312	8-719-911-19	DIODE	1SS119				
D314	8-719-981-01	DIODE	ERA81-004				
D315	8-719-911-19	DIODE	1SS119				
D317	8-719-911-19	DIODE	1SS119				
D319	8-719-911-19	DIODE	1SS119				
D320	8-719-911-19	DIODE	1SS119				
D324	8-719-911-19	DIODE	1SS119				
D325	8-719-911-19	DIODE	1SS119				
D326	8-719-911-19	DIODE	1SS119				
D601	8-719-931-10	DIODE	EQA01-10				
D602	8-719-911-19	DIODE	1SS119				
D603	8-719-911-19	DIODE	1SS119				
D604	8-719-100-35	DIODE	RD5.6E-B2				
DELAY LINE							
DL301	1-415-122-31	DELAY LINE					
DL302	1-415-188-00	DELAY LINE					
DL303	1-415-207-21	DELAY LINE (1H)					
IC							
IC301	8-759-113-65	IC	UPC1365C				
IC302	8-759-100-15	IC	UPC1364C				
IC303	8-759-240-24	IC	TC4024BP				
IC304	8-750-000-74	IC	CX20061				
IC305	8-750-000-74	IC	CX20061				
IC306	8-759-240-23	IC	TC4023BP				
IC601	8-759-905-10	IC	CX884				

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Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
<u>COIL</u>							
L301	1-408-416-00	MICRO INDUCTOR 39UH		Q348	8-729-178-54	TRANSISTOR 2SC2785	
L302	1-408-406-00	MICRO INDUCTOR 5.6UH		Q349	8-729-117-54	TRANSISTOR 2SA1175	
L304	1-408-408-00	MICRO INDUCTOR 8.2UH		Q350	8-729-178-54	TRANSISTOR 2SC2785	
L308	1-408-247-00	MICRO INDUCTOR 33MMH		Q351	8-729-178-54	TRANSISTOR 2SC2785	
L309	1-408-163-00	MICRO INDUCTOR 5.6MMH		Q352	8-729-178-54	TRANSISTOR 2SC2785	
L311	1-408-445-11	MICRO INDUCTOR 18UH		Q353	8-729-117-54	TRANSISTOR 2SA1175	
L312	1-408-444-11	MICRO INDUCTOR 15UH		Q354	8-729-178-54	TRANSISTOR 2SC2785	
L313	1-408-446-11	MICRO INDUCTOR 22UH		Q355	8-729-117-54	TRANSISTOR 2SA1175	
L314	1-408-442-11	MICRO INDUCTOR 10UH		Q356	8-729-117-54	TRANSISTOR 2SA1175	
L316	1-408-447-11	MICRO INDUCTOR 27UH		Q357	8-729-117-54	TRANSISTOR 2SA1175	
L317	1-408-445-11	MICRO INDUCTOR 18UH		Q358	8-729-117-54	TRANSISTOR 2SA1175	
L318	1-408-445-11	MICRO INDUCTOR 18UH		Q359	8-729-178-54	TRANSISTOR 2SC2785	
L601	1-408-226-00	MICRO INDUCTOR 82UH		Q360	8-729-178-54	TRANSISTOR 2SC2785	
L602	1-408-446-11	MICRO INDUCTOR 22UH		Q402	8-729-117-54	TRANSISTOR 2SA1175	
<u>TRANSISTOR</u>				Q403	8-729-178-54	TRANSISTOR 2SC2785	
Q301	8-729-178-54	TRANSISTOR 2SC2785		Q601	8-729-177-43	TRANSISTOR 2SD774	
Q302	8-729-178-54	TRANSISTOR 2SC2785		Q602	8-729-178-54	TRANSISTOR 2SC2785	
Q303	8-729-178-54	TRANSISTOR 2SC2785		Q603	8-729-177-43	TRANSISTOR 2SD774	
Q304	8-769-200-30	TRANSISTOR 2SK107-3		Q604	8-729-178-54	TRANSISTOR 2SC2785	
Q305	8-769-200-30	TRANSISTOR 2SK107-3		Q605	8-729-313-42	TRANSISTOR 2SD1134	
Q306	8-729-117-54	TRANSISTOR 2SA1175		Q606	8-729-178-54	TRANSISTOR 2SC2785	
Q307	8-729-117-54	TRANSISTOR 2SA1175		Q607	8-729-178-54	TRANSISTOR 2SC2785	
Q308	8-729-117-54	TRANSISTOR 2SA1175		Q608	8-729-178-54	TRANSISTOR 2SC2785	
Q309	8-729-178-54	TRANSISTOR 2SC2785		Q609	8-729-178-54	TRANSISTOR 2SC2785	
Q310	8-729-178-54	TRANSISTOR 2SC2785		Q610	8-729-178-54	TRANSISTOR 2SC2785	
Q311	8-729-178-54	TRANSISTOR 2SC2785		Q611	8-729-178-54	TRANSISTOR 2SC2785	
Q312	8-729-117-54	TRANSISTOR 2SA1175		Q612	8-729-178-54	TRANSISTOR 2SC2785	
Q313	8-729-178-54	TRANSISTOR 2SC2785		<u>RESISTOR</u>			
Q314	8-729-117-54	TRANSISTOR 2SA1175		R301	1-247-833-00	CARBON 1.2K 5% 1/6W	
Q315	8-729-178-54	TRANSISTOR 2SC2785		R302	1-247-829-00	CARBON 820 5% 1/6W	
Q318	8-729-178-54	TRANSISTOR 2SC2785		R303	1-247-843-00	CARBON 3.3K 5% 1/6W	
Q320	8-729-178-54	TRANSISTOR 2SC2785		R304	1-247-859-00	CARBON 15K 5% 1/6W	
Q321	8-729-117-54	TRANSISTOR 2SA1175		R305	1-247-867-00	CARBON 33K 5% 1/6W	
Q322	8-729-178-54	TRANSISTOR 2SC2785		R306	1-247-879-00	CARBON 100K 5% 1/6W	
Q323	8-729-117-54	TRANSISTOR 2SA1175		R307	1-247-859-00	CARBON 15K 5% 1/6W	
Q324	8-729-178-54	TRANSISTOR 2SC2785		R308	1-247-867-00	CARBON 33K 5% 1/6W	
Q325	8-769-200-30	TRANSISTOR 2SK107-3		R309	1-247-823-00	CARBON 470 5% 1/6W	
Q326	8-769-200-30	TRANSISTOR 2SK107-3		R310	1-247-839-00	CARBON 2.2K 5% 1/6W	
Q327	8-769-200-30	TRANSISTOR 2SK107-3		R311	1-247-845-00	CARBON 3.9K 5% 1/6W	
Q328	8-769-200-30	TRANSISTOR 2SK107-3		R312	1-247-903-00	CARBON 1M 5% 1/6W	
Q329	8-729-178-54	TRANSISTOR 2SC2785		R313	1-247-875-00	CARBON 68K 5% 1/6W	
Q336	8-729-178-54	TRANSISTOR 2SC2785		R314	1-247-903-00	CARBON 1M 5% 1/6W	
Q340	8-729-178-54	TRANSISTOR 2SC2785		R315	1-247-807-00	CARBON 100 5% 1/6W	
Q341	8-729-178-54	TRANSISTOR 2SC2785		R316	1-247-839-00	CARBON 2.2K 5% 1/6W	
Q342	8-729-178-54	TRANSISTOR 2SC2785		R317	1-247-865-00	CARBON 27K 5% 1/6W	
Q343	8-729-178-54	TRANSISTOR 2SC2785		R318	1-247-865-00	CARBON 27K 5% 1/6W	
Q344	8-729-178-54	TRANSISTOR 2SC2785		R319	1-247-831-00	CARBON 1K 5% 1/6W	
Q345	8-729-178-54	TRANSISTOR 2SC2785		R320	1-247-827-00	CARBON 680 5% 1/6W	
Q346	8-729-178-54	TRANSISTOR 2SC2785		R321	1-247-879-00	CARBON 100K 5% 1/6W	
Q347	8-729-178-54	TRANSISTOR 2SC2785		R322	1-247-827-00	CARBON 680 5% 1/6W	
				R323	1-247-903-00	CARBON 1M 5% 1/6W	
				R324	1-247-887-00	CARBON 220K 5% 1/6W	

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
R325	1-247-847-00	CARBON	4.7K 5% 1/6W	R386	1-247-885-00	CARBON	180K 5% 1/6W
R326	1-247-835-00	CARBON	1.5K 5% 1/6W	R387	1-247-849-00	CARBON	5.6K 5% 1/6W
R327	1-247-833-00	CARBON	1.2K 5% 1/6W	R388	1-247-859-00	CARBON	15K 5% 1/6W
R328	1-247-877-00	CARBON	82K 5% 1/6W	R389	1-247-859-00	CARBON	15K 5% 1/6W
R329	1-247-845-00	CARBON	3.9K 5% 1/6W	R390	1-247-879-00	CARBON	100K 5% 1/6W
R330	1-247-849-00	CARBON	5.6K 5% 1/6W	R391	1-247-847-00	CARBON	4.7K 5% 1/6W
R331	1-247-847-00	CARBON	4.7K 5% 1/6W	R392	1-247-879-00	CARBON	100K 5% 1/6W
R332	1-247-821-00	CARBON	390 5% 1/6W	R393	1-247-879-00	CARBON	100K 5% 1/6W
R333	1-247-815-00	CARBON	220 5% 1/6W	R394	1-247-875-00	CARBON	68K 5% 1/6W
R334	1-247-815-00	CARBON	220 5% 1/6W	R395	1-247-855-00	CARBON	10K 5% 1/6W
R335	1-247-823-00	CARBON	470 5% 1/6W	R396	1-247-855-00	CARBON	10K 5% 1/6W
R336	1-247-871-00	CARBON	47K 5% 1/6W	R397	1-247-879-00	CARBON	100K 5% 1/6W
R337	1-247-827-00	CARBON	680 5% 1/6W	R398	1-247-859-00	CARBON	15K 5% 1/6W
R338	1-247-867-00	CARBON	33K 5% 1/6W	R400	1-247-877-00	CARBON	82K 5% 1/6W
R339	1-247-871-00	CARBON	47K 5% 1/6W	R401	1-247-873-00	CARBON	56K 5% 1/6W
R340	1-247-815-00	CARBON	220 5% 1/6W	R402	1-247-883-00	CARBON	150K 5% 1/6W
R341	1-247-827-00	CARBON	680 5% 1/6W	R403	1-247-867-00	CARBON	33K 5% 1/6W
R342	1-247-813-00	CARBON	180 5% 1/6W	R404	1-247-870-00	CARBON	43K 5% 1/6W
R343	1-247-843-00	CARBON	3.3K 5% 1/6W	R405	1-247-891-00	CARBON	330K 5% 1/6W
R344	1-247-853-00	CARBON	8.2K 5% 1/6W	R406	1-247-870-00	CARBON	43K 5% 1/6W
R345	1-247-855-00	CARBON	10K 5% 1/6W	R407	1-247-867-00	CARBON	33K 5% 1/6W
R346	1-247-879-00	CARBON	100K 5% 1/6W	R408	1-247-855-00	CARBON	10K 5% 1/6W
R351	1-247-807-00	CARBON	100 5% 1/6W	R409	1-247-849-00	CARBON	5.6K 5% 1/6W
R352	1-247-825-00	CARBON	560 5% 1/6W	R410	1-247-867-00	CARBON	33K 5% 1/6W
R353	1-247-869-00	CARBON	39K 5% 1/6W	R411	1-247-854-00	CARBON	9.1K 5% 1/6W
R354	1-247-857-00	CARBON	12K 5% 1/6W	R412	1-247-863-00	CARBON	22K 5% 1/6W
R356	1-247-831-00	CARBON	1K 5% 1/6W	R413	1-247-815-00	CARBON	220 5% 1/6W
R357	1-247-835-00	CARBON	1.5K 5% 1/6W	R414	1-247-853-00	CARBON	8.2K 5% 1/6W
R358	1-247-835-00	CARBON	1.5K 5% 1/6W	R415	1-247-815-00	CARBON	220 5% 1/6W
R359	1-247-833-00	CARBON	1.2K 5% 1/6W	R416	1-247-853-00	CARBON	8.2K 5% 1/6W
R360	1-247-823-00	CARBON	470 5% 1/6W	R417	1-247-879-00	CARBON	100K 5% 1/6W
R362	1-247-843-00	CARBON	3.3K 5% 1/6W	R418	1-247-903-00	CARBON	1M 5% 1/6W
R364	1-247-823-00	CARBON	470 5% 1/6W	R419	1-247-837-00	CARBON	1.8K 5% 1/6W
R365	1-247-875-00	CARBON	68K 5% 1/6W	R420	1-247-835-00	CARBON	1.5K 5% 1/6W
R366	1-247-863-00	CARBON	22K 5% 1/6W	R424	1-247-855-00	CARBON	10K 5% 1/6W
R367	1-247-867-00	CARBON	33K 5% 1/6W	R425	1-247-807-00	CARBON	100 5% 1/6W
R368	1-247-855-00	CARBON	10K 5% 1/6W	R426	1-247-876-00	CARBON	75K 5% 1/6W
R369	1-247-871-00	CARBON	47K 5% 1/6W	R428	1-247-825-00	CARBON	560 5% 1/6W
R370	1-247-875-00	CARBON	68K 5% 1/6W	R429	1-247-859-00	CARBON	15K 5% 1/6W
R371	1-247-847-00	CARBON	4.7K 5% 1/6W	R430	1-247-807-00	CARBON	100 5% 1/6W
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	1-246-996-00	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

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Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
R446	1-247-857-00	CARBON	12K 5% 1/6W	R507	1-247-831-00	CARBON	1K 5% 1/6W
R447	1-247-823-00	CARBON	470 5% 1/6W	R508	1-247-875-00	CARBON	68K 5% 1/6W
R448	1-247-823-00	CARBON	470 5% 1/6W	R509	1-247-855-00	CARBON	10K 5% 1/6W
R449	1-247-871-00	CARBON	47K 5% 1/6W	R510	1-247-831-00	CARBON	1K 5% 1/6W
R451	1-247-839-00	CARBON	2.2K 5% 1/6W	R511	1-247-807-00	CARBON	100 5% 1/6W
R452	1-247-827-00	CARBON	680 5% 1/6W	R512	1-247-875-00	CARBON	68K 5% 1/6W
R453	1-247-815-00	CARBON	220 5% 1/6W	R513	1-247-863-00	CARBON	22K 5% 1/6W
R454	1-247-827-00	CARBON	680 5% 1/6W	R514	1-247-863-00	CARBON	22K 5% 1/6W
R455	1-202-463-00	SOLID	2.2M 5% 1/4W	R515	1-247-863-00	CARBON	22K 5% 1/6W
R456	1-247-803-00	CARBON	68 5% 1/6W	R517	1-247-831-00	CARBON	1K 5% 1/6W
R457	1-247-815-00	CARBON	220 5% 1/6W	R518	1-247-823-00	CARBON	470 5% 1/6W
R458	1-247-817-00	CARBON	270 5% 1/6W	R519	1-247-843-00	CARBON	3.3K 5% 1/6W
R459	1-247-831-00	CARBON	1K 5% 1/6W	R520	1-247-835-00	CARBON	1.5K 5% 1/6W
R460	1-247-827-00	CARBON	680 5% 1/6W	R521	1-247-807-00	CARBON	100 5% 1/6W
R461	1-247-827-00	CARBON	680 5% 1/6W	R523	1-247-831-00	CARBON	1K 5% 1/6W
R462	1-247-827-00	CARBON	680 5% 1/6W	R524	1-247-807-00	CARBON	100 5% 1/6W
R463	1-247-827-00	CARBON	680 5% 1/6W	R525	1-247-869-00	CARBON	39K 5% 1/6W
R464	1-247-831-00	CARBON	1K 5% 1/6W	R530	1-247-814-00	CARBON	200 5% 1/6W
R465	1-247-823-00	CARBON	470 5% 1/6W	R532	1-246-457-00	CARBON	220 5% 1/4W
R466	1-247-835-00	CARBON	1.5K 5% 1/6W	R533	1-246-457-00	CARBON	220 5% 1/4W
R468	1-247-827-00	CARBON	680 5% 1/6W	R534	1-247-819-00	CARBON	330 5% 1/6W
R469	1-247-855-00	CARBON	10K 5% 1/6W	R535	1-247-878-00	CARBON	91K 5% 1/6W
R470	1-247-863-00	CARBON	22K 5% 1/6W	R536	1-247-882-00	CARBON	130K 5% 1/6W
R471	1-247-857-00	CARBON	12K 5% 1/6W	R537	1-247-865-00	CARBON	27K 5% 1/6W
R472	1-247-827-00	CARBON	680 5% 1/6W	R538	1-247-872-00	CARBON	51K 5% 1/6W
R473	1-247-837-00	CARBON	1.8K 5% 1/6W	R539	1-247-829-00	CARBON	820 5% 1/6W
R475	1-247-823-00	CARBON	470 5% 1/6W	R540	1-247-855-00	CARBON	10K 5% 1/6W
R477	1-247-831-00	CARBON	1K 5% 1/6W	R541	1-247-827-00	CARBON	680 5% 1/6W
R478	1-247-819-00	CARBON	330 5% 1/6W	R542	1-247-831-00	CARBON	1K 5% 1/6W
R479	1-247-867-00	CARBON	33K 5% 1/6W	R543	1-247-838-00	CARBON	2K 5% 1/6W
R480	1-247-852-00	CARBON	7.5K 5% 1/6W	R545	1-247-883-00	CARBON	150K 5% 1/6W
R481	1-247-829-00	CARBON	820 5% 1/6W	R573	1-247-838-00	CARBON	2K 5% 1/6W
R482	1-247-831-00	CARBON	1K 5% 1/6W	R601	1-246-446-00	CARBON	75 5% 1/4W
R483	1-247-815-00	CARBON	220 5% 1/6W	R602	1-247-855-00	CARBON	10K 5% 1/6W
R484	1-247-863-00	CARBON	22K 5% 1/6W	R603	1-247-817-00	CARBON	270 5% 1/6W
R485	1-247-863-00	CARBON	22K 5% 1/6W	R604	1-247-851-00	CARBON	6.8K 5% 1/6W
R486	1-247-863-00	CARBON	22K 5% 1/6W	R605	1-247-845-00	CARBON	3.9K 5% 1/6W
R487	1-247-867-00	CARBON	33K 5% 1/6W	R606	1-247-825-00	CARBON	560 5% 1/6W
R490	1-247-875-00	CARBON	68K 5% 1/6W	R607	1-246-446-00	CARBON	75 5% 1/4W
R492	1-247-879-00	CARBON	100K 5% 1/6W	R608	1-246-446-00	CARBON	75 5% 1/4W
R493	1-247-831-00	CARBON	1K 5% 1/6W	R609	1-213-135-00	METAL OXIDE	220 5% 1W F
R494	1-247-843-00	CARBON	3.3K 5% 1/6W	R610	1-247-855-00	CARBON	10K 5% 1/6W
R495	1-247-855-00	CARBON	10K 5% 1/6W	R611	1-246-439-00	CARBON	39 5% 1/4W
R496	1-247-871-00	CARBON	47K 5% 1/6W	R612	1-247-821-00	CARBON	390 5% 1/6W
R497	1-247-855-00	CARBON	10K 5% 1/6W	R613	1-247-838-00	CARBON	2K 5% 1/6W
R498	1-247-855-00	CARBON	10K 5% 1/6W	R614	1-247-791-00	CARBON	22 5% 1/6W
R499	1-247-855-00	CARBON	10K 5% 1/6W	R615	1-247-867-00	CARBON	33K 5% 1/6W
R501	1-247-875-00	CARBON	68K 5% 1/6W	R616	1-247-865-00	CARBON	27K 5% 1/6W
R502	1-247-855-00	CARBON	10K 5% 1/6W	R618	1-247-819-00	CARBON	330 5% 1/6W
R503	1-247-831-00	CARBON	1K 5% 1/6W	R619	1-247-819-00	CARBON	330 5% 1/6W
R504	1-247-831-00	CARBON	1K 5% 1/6W	R620	1-247-825-00	CARBON	560 5% 1/6W
R505	1-247-875-00	CARBON	68K 5% 1/6W	R621	1-247-843-00	CARBON	3.3K 5% 1/6W
R506	1-247-855-00	CARBON	10K 5% 1/6W	R622	1-247-833-00	CARBON	1.2K 5% 1/6W

B

F

Ref.No	Part No	Description	Remark
R623	1-217-394-00	FUSIBLE 39 5% 1/4W	F
R624	1-247-833-00	CARBON 1.2K 5% 1/6W	
R625	1-247-867-00	CARBON 33K 5% 1/6W	
R626	1-247-867-00	CARBON 33K 5% 1/6W	
R627	1-247-807-00	CARBON 100 5% 1/6W	
R628	1-247-843-00	CARBON 3.3K 5% 1/6W	
R629	1-247-835-00	CARBON 1.5K 5% 1/6W	
R630	1-247-875-00	CARBON 68K 5% 1/6W	
R631	1-247-831-00	CARBON 1K 5% 1/6W	
R632	1-247-867-00	CARBON 33K 5% 1/6W	
R633	1-244-846-00	CARBON 75 5% 1/2W	
R634	1-246-446-00	CARBON 75 5% 1/4W	
R635	1-247-875-00	CARBON 68K 5% 1/6W	
R636	1-247-831-00	CARBON 1K 5% 1/6W	
R637	1-247-867-00	CARBON 33K 5% 1/6W	
R638	1-247-835-00	CARBON 1.5K 5% 1/6W	
R639	1-247-807-00	CARBON 100 5% 1/6W	
R640	1-247-867-00	CARBON 33K 5% 1/6W	
R641	1-247-831-00	CARBON 1K 5% 1/6W	
R642	1-247-831-00	CARBON 1K 5% 1/6W	
R643	1-247-867-00	CARBON 33K 5% 1/6W	
R644	1-247-847-00	CARBON 4.7K 5% 1/6W	
R645	1-247-893-00	CARBON 390K 5% 1/6W	
R646	1-247-897-00	CARBON 560K 5% 1/6W	
R647	1-247-837-00	CARBON 1.8K 5% 1/6W	
R648	1-247-827-00	CARBON 680 5% 1/6W	
R649	1-247-855-00	CARBON 10K 5% 1/6W	
R650	1-247-839-00	CARBON 2.2K 5% 1/6W	
R651	1-247-843-00	CARBON 3.3K 5% 1/6W	
R652	1-247-871-00	CARBON 47K 5% 1/6W	
R653	1-247-867-00	CARBON 33K 5% 1/6W	
R654	1-247-871-00	CARBON 47K 5% 1/6W	
R655	1-247-867-00	CARBON 33K 5% 1/6W	
R656	1-247-827-00	CARBON 680 5% 1/6W	
R657	1-247-831-00	CARBON 1K 5% 1/6W	
R658	1-247-816-00	CARBON 240 5% 1/6W	
R659	1-247-851-00	CARBON 6.8K 5% 1/6W	
R660	1-247-837-00	CARBON 1.8K 5% 1/6W	
R661	1-247-807-00	CARBON 100 5% 1/6W	
R662	1-247-807-00	CARBON 100 5% 1/6W	
R663	1-247-863-00	CARBON 22K 5% 1/6W	
R664	1-247-839-00	CARBON 2.2K 5% 1/6W	
R665	1-247-817-00	CARBON 270 5% 1/6W	
R666	1-247-835-00	CARBON 1.5K 5% 1/6W	
R667	1-247-834-00	CARBON 1.3K 5% 1/6W	
R668	1-247-831-00	CARBON 1K 5% 1/6W	
R669	1-247-807-00	CARBON 100 5% 1/6W	
R670	1-247-807-00	CARBON 100 5% 1/6W	
R671	1-247-831-00	CARBON 1K 5% 1/6W	
R672A	1-247-831-00	CARBON 1K 5% 1/6W	
R672B	1-247-837-00	CARBON 1.8K 5% 1/6W	
R674	1-247-842-00	CARBON 3K 5% 1/6W	

Ref.No	Part No	Description	Remark
<u>VARIABLE RESISTOR</u>			
RV301	1-226-849-00	RES, ADJ, CARBON 3.3K	
RV302	1-226-852-00	RES, ADJ, CARBON 22K	
RV303	1-226-852-00	RES, ADJ, CARBON 22K	
RV305	1-226-853-00	RES, ADJ, CARBON 47K	
RV306	1-226-850-00	RES, ADJ, CARBON 4.7K	
RV307	1-226-850-00	RES, ADJ, CARBON 4.7K	
RV308	1-226-846-00	RES, ADJ, CARBON 470	
RV309	1-226-851-00	RES, ADJ, CARBON 10K	
RV330	1-226-845-00	RES, ADJ, CARBON 330	
RV331	1-226-847-00	RES, ADJ, CARBON 1K	
RV332	1-226-849-00	RES, ADJ, CARBON 3.3K	
<u>SWITCH</u>			
SW601	1-553-725-00	SWITCH, SLIDE	
<u>TRANSFORMER</u>			
T301	1-425-786-00	TRANSFORMER, BANDPASS(BPT)	
T302	1-404-081-00	TRANSFORMER, DELAY ADJUST	
T303	1-404-146-00	TRANSFORMER	
T304	1-408-532-00	COIL, VARIABLE	
T305	1-408-532-00	COIL, VARIABLE	
T306	1-408-513-00	COIL (VARIABLE)	
T307	1-409-193-00	COIL 3.58MHZ TRAP	
T308	1-409-193-00	COIL 3.58MHZ TRAP	
T309	1-408-513-00	COIL (VARIABLE)	
<u>THERMISTOR</u>			
TH301	1-800-626-00	THERMISTOR	
TH302	1-800-944-00	THERMISTOR TH-4700	
<u>CRISTAL</u>			
X301	1-527-396-00	CRYSTAL, OSC	
X302	1-527-345-00	CRYSTAL, OSC	

▲:A-1245-191-A F BOARD, COMPLETE			

▲:1-534-820-12 POWER CORD			
1-543-194-00 CORE, BEAD			
3-701-810-31 SCREW, TERMINAL			
▲:3-703-141-00 HOLDER, PCB			
4-312-237-00 CLIP, CABLE			
▲:4-364-719-00 CASE (A), SHIELD			
▲:4-364-720-00 CASE (B), SHIELD			
<u>CAPACITOR</u>			
C601	▲:1-108-745-62	MYLAR 0.22MF 20% 300V	
▲:4-316-137-00 COVER, CAPACITOR, C601			
C602	▲:1-108-745-62	MYLAR 0.22MF 20% 300V	
C605	▲:1-108-745-62	MYLAR 0.22MF 20% 300V	

NOTE:

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

F

Ref.No	Part No	Description	Remark
C606	1-161-738-00	CERAMIC 0.0047MF	20% 400V
C607	1-161-738-00	CERAMIC 0.0047MF	20% 400V
C608	1-125-287-00	ELECT(BLOCK) 430MF	400V
C609	1-161-738-00	CERAMIC 0.0047MF	20% 400V
C610	1-161-953-00	FILM 0.0047MF	20% 400V
C611	1-161-738-00	CERAMIC 0.0047MF	20% 400V
C612	1-161-953-00	FILM 0.0047MF	20% 400V
C613	1-161-738-00	CERAMIC 0.0047MF	20% 400V
C614	1-161-739-00	CERAMIC 0.01MF	20% 400V
C615	1-102-327-00	CERAMIC 330PF	15% 1.5KV
C616	1-129-703-51	FILM 0.0012MF	10% 630V
C617	1-102-327-00	CERAMIC 330PF	15% 1.5KV
C618	1-123-360-00	ELECT 100MF	20% 50V
C619	1-123-335-00	ELECT 330MF	20% 25V
C620	1-123-381-00	ELECT 2.2MF	20% 50V
C621	1-102-002-00	CERAMIC 680PF	10% 500V
C638	1-123-332-00	ELECT 47MF	20% 16V
C622	1-108-376-00	MYLAR 0.0082MF	10% 100V
C623	1-102-959-00	CERAMIC 22PF	5% 50V
C625	1-108-379-00	MYLAR 0.015MF	10% 100V
C626	1-102-327-00	CERAMIC 330PF	15% 1.5KV
C627	1-123-024-00	ELECT 33MF	160V
C628	1-124-131-00	ELECT 47MF	20% 100V
C629	1-106-180-00	MYLAR 0.0022MF	5% 100V
C630	1-102-030-00	CERAMIC 330PF	10% 500V
C631	1-124-128-00	ELECT 470MF	20% 25V
C632	1-124-128-00	ELECT 470MF	20% 25V
C634	1-102-030-00	CERAMIC 330PF	10% 500V
C637	1-102-121-00	CERAMIC 0.0022MF	10% 50V
C639	1-108-849-00	MYLAR 0.1MF	10% 50V

DIODE

D601	8-719-911-55	DIODE U05G
D602	8-719-503-06	DIODE S3WB60Z
D603	8-719-100-68	DIODE RD13E-B2
D604	8-719-300-70	DIODE RH-1C
D605	8-719-901-83	DIODE 1SS83
D606	8-719-300-45	DIODE EM-1Z
D607	8-719-300-45	DIODE EM-1Z
D608	8-719-901-83	DIODE 1SS83
D609	8-719-901-93	DIODE V19E
D610	8-719-900-26	DIODE ERD29-08J
D611	8-719-901-93	DIODE V19E
D612	8-719-907-30	DIODE ER884-009
D613	8-719-901-93	DIODE V19E

CONNECTOR

F1	♣:1-506-348-XX	3P PLUG (L)
F2	♣:1-506-348-XX	3P PLUG (L)
F3	♣:1-508-765-00	3P PLUG (M)
F4	♣:1-508-768-00	6P PLUG

Ref.No	Part No	Description	Remark
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FUSE

F601	♣:1-532-325-11	FUSE, TIME-LAG 6.3A
	♣:1-533-087-00	HOLDER, FUSE, F601
	♣:3-701-947-19	LABEL, FUSE, F601

IC

IC601	8-759-046-00	IC TDA4600
	♣:4-356-301-00	HEAT SINK (D), IC601

COIL

L601	1-407-180-XX	MICRO INDUCTOR 1.5UH
L602	1-408-421-00	MICRO INDUCTOR 100UH
L603	1-425-613-00	COIL, AIR-CORE, QF TYPE
L604	1-459-215-00	CORE COIL
L605	1-408-403-00	MICRO INDUCTOR 3.3UH
L607	1-421-487-00	COIL, CHOKE
L608	1-459-215-00	CORE COIL
L611	1-407-364-00	COIL, SPOOK CHOKE
L612	1-407-184-XX	MICRO INDUCTOR 3.3UH

THERMISTOR

PTH601	1-800-665-00	THERMISTOR
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TRANSISTOR

Q601	8-719-000-28	THYRISTOR CROZAM-8
Q602	8-729-300-60	TRANSISTOR 2SC1413-SY
	3-701-353-00	SPACER, MICA, Q602
	3-701-609-00	BUSHING (B), TR, Q602
	♣:4-314-938-01	RETAINER (TO-3), TRANSISTOR, Q602
	♣:4-336-010-00	HEAT SINK, Q602

RESISTOR

R602	1-206-688-00	METAL OXIDE	10K	5%	2W	F
R603	1-247-289-00	CARBON	8.2M	5%	1W	
R604	1-244-929-00	CARBON	220K	5%	1/2W	
R605	1-212-356-00	METAL OXIDE	0.47	5%	1W	F
R606	1-247-851-00	CARBON	6.8K	5%	1/6W	
R607	1-244-931-00	CARBON	270K	5%	1/2W	
R608	1-215-263-00	METAL	220K		1W	
R610	1-247-819-00	CARBON	330	5%	1/6W	
R611	1-246-981-00	CARBON	4.7	5%	1/8W	F
R612	1-247-857-00	CARBON	12K	5%	1/6W	
R613	1-247-833-00	CARBON	1.2K	5%	1/6W	
R614	1-247-855-00	CARBON	10K	5%	1/6W	
R615	1-244-929-00	CARBON	220K	5%	1/2W	
R616	1-247-795-00	CARBON	33	5%	1/6W	
R617	1-247-849-00	CARBON	5.6K	5%	1/6W	
R618	1-247-839-00	CARBON	2.2K	5%	1/6W	
R619	1-206-519-00	METAL OXIDE	22	5%	3W	F
R620	1-217-305-00	WIREWOUND	39	10%	5W	F
R621	1-247-819-00	CARBON	330	5%	1/6W	
R622	1-246-997-00	CARBON	1.2	5%	1/4W	F

NOTE:

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F

A

Ref.No	Part No	Description				Remark	Ref.No	Part No	Description				Remark
R623	1-202-729-00	SOLID	6.8M	10%	1/2W		C010	1-161-271-00	CERAMIC	100PF	5%	50V	
*R626	1-247-873-00	CARBON	56K	5%	1/6W		C011	1-161-268-00	CERAMIC	56PF	5%	50V	
*R626	1-247-874-00	CARBON	62K	5%	1/6W		C013	1-123-380-00	ELECT	1MF	20%	50V	
*R626	1-247-875-00	CARBON	68K	5%	1/6W		C014	1-123-159-00	ELECT	1MF	20%	50V	
*R626	1-247-876-00	CARBON	75K	5%	1/6W		C015	1-108-385-00	MYLAR	0.047MF	10%	100V	
R633	1-206-690-00	METAL OXIDE	12K	5%	2W	F	C016	1-161-330-21	CERAMIC	0.01MF	30%	25V	
<u>VARIABLE RESISTOR</u>							C017	1-161-316-00	CERAMIC	270PF	10%	50V	
RV601	1-226-850-00	RES, ADJ, CARBON 4.7K					C018	1-123-381-00	ELECT	2.2MF	20%	50V	
RV601	1-226-850-00	RES, ADJ, CARBON 4.7K					C019	1-108-393-00	MYLAR	0.22MF	10%	100V	
<u>TRANSFORMER</u>							C020	1-161-330-21	CERAMIC	0.01MF	30%	25V	
T601	1-421-556-21	TRANSFORMER, LINE FILTER (LFT)					C021	1-102-973-00	CERAMIC	100PF	5%	50V	
T602	1-421-412-11	COIL, FERRITE					C022	1-161-319-00	CERAMIC	470PF	10%	50V	
T603	1-421-584-11	TRANSFORMER, FERRITE (SRT)					C023	1-123-380-00	ELECT	1MF	20%	50V	
T604	1-421-357-31	TRANSFORMER, LINE FILTER					C024	1-108-389-00	MYLAR	0.1MF	10%	100V	
<u>THERMISTOR</u>							C025	1-108-385-00	MYLAR	0.047MF	10%	100V	
TH601	1-800-820-00	THERMISTOR, POWER					C027	1-108-365-00	MYLAR	0.001MF	10%	100V	
*****							C028	1-161-319-00	CERAMIC	470PF	10%	50V	
♣:A-1295-656-A	A BOARD, COMPLETE						C029	1-161-319-00	CERAMIC	470PF	10%	50V	
*****							C030	1-123-380-00	ELECT	1MF	20%	50V	
♣:4-317-752-00	LID, UPPER, SHIELD CASE (A)						C032	1-123-379-00	ELECT	0.47MF	20%	50V	
♣:4-317-753-13	LID, BOTTOM, SHIELD CASE (A)						C034	1-123-318-00	ELECT	33MF	20%	16V	
♣:4-317-759-00	SHIELD CASE (A), MAIN						C039	1-123-380-00	ELECT	1MF	20%	50V	
♣:4-336-030-00	CASE (MAIN), SHIELD, VIF						C040	1-123-356-00	ELECT	10MF	20%	16V	
♣:4-336-403-00	CASE (LOWER), SHIELD, M						C041	1-123-356-00	ELECT	10MF	20%	16V	
♣:4-336-404-00	CASE (UPPER), SHIELD, M						C042	1-108-377-00	MYLAR	0.01MF	10%	100V	
♣:4-336-405-00	CASE (MAIN), SHIELD, M						C043	1-123-382-00	ELECT	3.3MF	20%	50V	
♣:4-351-217-00	CASE (UPPER), SHIELD, VIF						C044	1-123-379-00	ELECT	0.47MF	20%	50V	
♣:4-351-218-00	CASE (LOWER), SHIELD, VIF						C052	1-108-385-00	MYLAR	0.047MF	10%	100V	
<u>CONNECTOR</u>							C054	1-108-385-00	MYLAR	0.047MF	10%	100V	
A1	♣:1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P					C071	1-123-380-00	ELECT	1MF	20%	50V	
A2	♣:1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P					C074	1-123-328-00	ELECT	4.7MF	20%	25V	
A3	♣:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)					C076	1-123-333-00	ELECT	100MF	20%	16V	
A4	♣:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P					C080	1-123-356-00	ELECT	10MF	20%	16V	
A5	♣:1-508-766-00	4P PLUG (M)					C091	1-232-266-00	COMPOSITION	CIRCUIT BLOCK			
A6	♣:1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P					C201	1-108-389-00	MYLAR	0.1MF	10%	100V	
A7	♣:1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P					C203	1-123-356-00	ELECT	10MF	20%	25V	
A8	♣:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P					C206	1-123-328-00	ELECT	4.7MF	20%	25V	
A10	♣:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)					C207	1-102-529-00	CERAMIC	100PF	5%	50V	
A11	♣:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)					C208	1-102-527-00	CERAMIC	82PF	5%	50V	
<u>CAPACITOR</u>							C209	1-102-947-00	CERAMIC	10PF	5%	50V	
C002	1-123-380-00	ELECT	1MF	20%	50V		C210	1-102-527-00	CERAMIC	82PF	5%	50V	
C003	1-161-313-00	CERAMIC	150PF	10%	50V		C211	1-102-529-00	CERAMIC	100PF	5%	50V	
C004	1-161-313-00	CERAMIC	150PF	10%	50V		C212	1-161-377-00	CERAMIC	0.0047MF	20%	50V	
C005	1-123-382-00	ELECT	3.3MF	20%	50V		C213	1-161-377-00	CERAMIC	0.0047MF	20%	50V	
C008	1-161-265-00	CERAMIC	33PF	5%	50V		C214	1-161-377-00	CERAMIC	0.0047MF	20%	50V	
C009	1-123-021-00	ELECT	0.47MF	30%	50V		C215	1-161-377-00	CERAMIC	0.0047MF	20%	50V	
							C217	1-161-377-00	CERAMIC	0.0047MF	20%	50V	
							C218	1-161-377-00	CERAMIC	0.0047MF	20%	50V	
							C219	1-161-377-00	CERAMIC	0.0047MF	20%	50V	
							C220	1-161-377-00	CERAMIC	0.0047MF	20%	50V	
							C221	1-161-377-00	CERAMIC	0.0047MF	20%	50V	
							C222	1-102-529-00	CERAMIC	100PF	5%	50V	
							C223	1-161-254-00	CERAMIC	3.9PF	10%	50V	

NOTE:

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

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Ref.No	Part No	Description			Remark
C224	1-161-254-00	CERAMIC	3.9PF	10%	50V
C225	1-161-278-00	CERAMIC	8.2PF	10%	50V
C226	1-102-520-00	CERAMIC	39PF	5%	50V
C227	1-161-377-00	CERAMIC	0.0047MF	20%	50V
C228	1-123-318-00	ELECT	33MF	20%	16V
C229	1-161-377-00	CERAMIC	0.0047MF	20%	50V
C230	1-123-379-00	ELECT	0.47MF	20%	50V
C234	1-161-263-00	CERAMIC	22PF	5%	50V
C235	1-161-263-00	CERAMIC	22PF	5%	50V
C236	1-101-006-00	CERAMIC	0.047MF		50V
C237	1-123-332-00	ELECT	47MF	20%	16V
C238	1-102-129-00	CERAMIC	0.01MF	10%	50V
C239	1-123-332-00	ELECT	47MF	20%	16V
C240	1-123-356-00	ELECT	10MF	20%	16V
C241	1-108-377-00	MYLAR	0.01MF	10%	100V
C246	1-102-129-00	CERAMIC	0.01MF	10%	50V
C248	1-161-330-21	CERAMIC	0.01MF	30%	25V
C254	1-161-285-00	CERAMIC	33PF	5%	50V
C255	1-102-963-00	CERAMIC	33PF	5%	50V
C256	1-123-356-00	ELECT	10MF	20%	25V
C258	1-108-385-00	MYLAR	0.047MF	10%	100V
C265	1-108-387-00	MYLAR	0.068MF	10%	100V

FILTER

CF001	1-527-476-00	OSCILLATOR, CERAMIC
CF201	1-409-333-00	TRAP, CERAMIC (6.0MHZ)
CF202	1-527-262-00	CERAMIC FILTER (6.0MHZ)
CF203	1-404-407-00	DISCRIMINATOR

DIODE

D001	8-719-911-19	DIODE 1SS119
D002	8-719-911-19	DIODE 1SS119
D007	8-759-157-40	DIODE UPC574J
D009	8-719-911-19	DIODE 1SS119
D010	8-719-911-19	DIODE 1SS119

D022	8-719-911-19	DIODE 1SS119
D030	8-719-911-19	DIODE 1SS119
D036	8-719-911-19	DIODE 1SS119
D037	8-719-911-19	DIODE 1SS119

IC

IC001	8-759-684-85	IC M58485P
IC004	8-759-240-69	IC TC4069UBP
IC005	8-750-000-55	IC CX7915
IC006	8-757-611-00	IC CX761A
IC007	8-759-040-46	IC MC140468CP

IC008	8-759-240-12	IC TC4012BP
IC009	8-759-140-11	IC UPD4011BC
IC201	8-759-276-07	IC TA7607AP
IC202	8-759-113-82	IC UPC1382C

JACK

J101	1-526-575-00	SOCKET, PLUG
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Ref.No	Part No	Description	Remark
<u>COIL</u>			
L001	1-407-717-00	MICRO INDUCTOR 1MMH	
L002	1-407-717-00	MICRO INDUCTOR 1MMH	
L003	1-407-687-00	MICRO INDUCTOR 3.3UH	
L200	1-407-693-00	MICRO INDUCTOR 10UH	
L201	1-404-068-00	COIL, VIF	
L202	1-404-068-00	COIL, VIF	
L203	1-407-682-00	MICRO INDUCTOR 1.2UH	
L204	1-407-687-00	MICRO INDUCTOR 3.3UH	
L205	1-404-207-00	COIL, VIF	
L206	1-404-203-00	COIL, VIF	
L207	1-404-289-00	IFT	
L208	1-407-690-00	MICRO INDUCTOR 5.6UH	
L209	1-407-693-00	MICRO INDUCTOR 10UH	
L210	1-407-696-00	MICRO INDUCTOR 18UH	
L211	1-407-690-00	MICRO INDUCTOR 5.6UH	
L212	1-407-695-00	MICRO INDUCTOR 15UH	

TRANSISTOR

Q005	8-729-139-04	TRANSISTOR 2N3904
Q006	8-729-178-54	TRANSISTOR 2SC2785
Q007	8-729-178-54	TRANSISTOR 2SC2785
Q008	8-729-117-54	TRANSISTOR 2SA1175
Q010	8-729-117-54	TRANSISTOR 2SA1175

Q011	8-769-200-30	TRANSISTOR 2SK107-3
Q012	8-729-178-54	TRANSISTOR 2SC2785
Q013	8-729-178-54	TRANSISTOR 2SC2785
Q014	8-729-178-54	TRANSISTOR 2SC2785
Q021	8-729-178-54	TRANSISTOR 2SC2785

Q022	8-729-117-54	TRANSISTOR 2SA1175
Q023	8-729-117-54	TRANSISTOR 2SA1175
Q201	8-765-300-00	TRANSISTOR 2SC2009
Q202	8-729-178-54	TRANSISTOR 2SC2785
Q206	8-729-178-54	TRANSISTOR 2SC2785

RESISTOR

R001	1-247-835-00	CARBON	1.5K	5%	1/6W
R002	1-247-871-00	CARBON	47K	5%	1/6W
R003	1-247-895-00	CARBON	470K	5%	1/6W
R004	1-247-863-00	CARBON	22K	5%	1/6W
R005	1-247-887-00	CARBON	220K	5%	1/6W

R006	1-247-887-00	CARBON	220K	5%	1/6W
R007	1-247-887-00	CARBON	220K	5%	1/6W
R008	1-247-887-00	CARBON	220K	5%	1/6W
R009	1-247-831-00	CARBON	1K	5%	1/6W
R010	1-247-849-00	CARBON	5.6K	5%	1/6W

R011	1-247-849-00	CARBON	5.6K	5%	1/6W
R012	1-247-849-00	CARBON	5.6K	5%	1/6W
R013	1-247-849-00	CARBON	5.6K	5%	1/6W
R014	1-247-857-00	CARBON	12K	5%	1/6W
R015	1-247-857-00	CARBON	12K	5%	1/6W

R016	1-247-857-00	CARBON	12K	5%	1/6W
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Ref.No	Part No	Description	Remark			Ref.No	Part No	Description	Remark		
R017	1-247-857-00	CARBON	12K	5%	1/6W	R087	1-247-867-00	CARBON	33K	5%	1/6W
R021	1-247-855-00	CARBON	10K	5%	1/6W	R088	1-247-803-00	CARBON	68	5%	1/6W
R022	1-246-497-00	CARBON	10K	5%	1/4W	R089	1-247-863-00	CARBON	22K	5%	1/6W
R023	1-246-537-00	CARBON	470K	5%	1/4W	R090	1-247-855-00	CARBON	10K	5%	1/6W
R024	1-246-499-00	CARBON	12K	5%	1/4W	R091	1-247-895-00	CARBON	470K	5%	1/6W
R026	1-246-489-00	CARBON	4.7K	5%	1/4W	R092	1-247-863-00	CARBON	22K	5%	1/6W
R027	1-246-495-00	CARBON	8.2K	5%	1/4W	R093	1-247-831-00	CARBON	1K	5%	1/6W
R028	1-217-394-00	FUSIBLE	39	5%	1/4W	R094	1-247-831-00	CARBON	1K	5%	1/6W
R029	1-246-505-00	CARBON	22K	5%	1/4W	R095	1-247-831-00	CARBON	1K	5%	1/6W
R030	1-247-863-00	CARBON	22K	5%	1/6W	R096	1-247-847-00	CARBON	4.7K	5%	1/6W
R031	1-246-497-00	CARBON	10K	5%	1/4W	R097	1-246-497-00	CARBON	10K	5%	1/4W
R032	1-246-505-00	CARBON	22K	5%	1/4W	R098	1-246-497-00	CARBON	10K	5%	1/4W
R033	1-246-497-00	CARBON	10K	5%	1/4W	R101	1-247-871-00	CARBON	47K	5%	1/6W
R038	1-247-819-00	CARBON	330	5%	1/6W	R102	1-247-863-00	CARBON	22K	5%	1/6W
R041	1-247-855-00	CARBON	10K	5%	1/6W	R103	1-247-865-00	CARBON	27K	5%	1/6W
R047	1-247-863-00	CARBON	22K	5%	1/6W	R104	1-247-865-00	CARBON	27K	5%	1/6W
R048	1-202-667-00	SOLID	8.2M	10%	1/2W	R105	1-247-865-00	CARBON	27K	5%	1/6W
R049	1-246-509-00	CARBON	33K	5%	1/4W	R106	1-247-879-00	CARBON	100K	5%	1/6W
R050	1-246-535-00	CARBON	390K	5%	1/4W	R107	1-247-855-00	CARBON	10K	5%	1/6W
R051	1-246-509-00	CARBON	33K	5%	1/4W	R108	1-247-879-00	CARBON	100K	5%	1/6W
R052	1-206-698-00	METAL OXIDE	27K	5%	2W	R109	1-247-871-00	CARBON	47K	5%	1/6W
R053	1-246-497-00	CARBON	10K	5%	1/4W	R117	1-247-831-00	CARBON	1K	5%	1/6W
R054	1-247-863-00	CARBON	22K	5%	1/6W	R201	1-247-867-00	CARBON	33K	5%	1/6W
R055	1-247-895-00	CARBON	470K	5%	1/6W	R205	1-246-491-00	CARBON	5.6K	5%	1/4W
R056	1-247-871-00	CARBON	47K	5%	1/6W	R206	1-246-473-00	CARBON	1K	5%	1/4W
R057	1-247-867-00	CARBON	33K	5%	1/6W	R207	1-246-465-00	CARBON	470	5%	1/4W
R058	1-247-887-00	CARBON	220K	5%	1/6W	R208	1-246-457-00	CARBON	220	5%	1/4W
R059	1-247-831-00	CARBON	1K	5%	1/6W	R209	1-246-435-00	CARBON	27	5%	1/4W
R060	1-247-843-00	CARBON	3.3K	5%	1/6W	R210	1-246-479-00	CARBON	1.8K	5%	1/4W
R061	1-247-881-00	CARBON	120K	5%	1/6W	R211	1-247-867-00	CARBON	33K	5%	1/6W
R062	1-247-871-00	CARBON	47K	5%	1/6W	R212	1-246-519-00	CARBON	82K	5%	1/4W
R063	1-247-839-00	CARBON	2.2K	5%	1/6W	R213	1-247-841-00	CARBON	2.7K	5%	1/6W
R064	1-247-871-00	CARBON	47K	5%	1/6W	R214	1-247-835-00	CARBON	1.5K	5%	1/6W
R065	1-202-463-00	SOLID	2.2M	5%	1/4W	R215	1-247-831-00	CARBON	1K	5%	1/6W
R066	1-247-831-00	CARBON	1K	5%	1/6W	R216	1-247-831-00	CARBON	1K	5%	1/6W
R067	1-247-861-00	CARBON	18K	5%	1/6W	R218	1-246-543-00	CARBON	820K	5%	1/4W
R069	1-247-881-00	CARBON	120K	5%	1/6W	R219	1-247-831-00	CARBON	1K	5%	1/6W
R070	1-247-855-00	CARBON	10K	5%	1/6W	R220	1-247-815-00	CARBON	220	5%	1/6W
R071	1-247-901-00	CARBON	820K	5%	1/6W	R221	1-247-807-00	CARBON	100	5%	1/6W
R072	1-247-887-00	CARBON	220K	5%	1/6W	R222	1-247-815-00	CARBON	220	5%	1/6W
R073	1-247-819-00	CARBON	330	5%	1/6W	R223	1-247-831-00	CARBON	1K	5%	1/6W
R074	1-247-855-00	CARBON	10K	5%	1/6W	R224	1-246-473-00	CARBON	1K	5%	1/4W
R075	1-247-857-00	CARBON	12K	5%	1/6W	R226	1-246-481-00	CARBON	2.2K	5%	1/4W
R076	1-247-861-00	CARBON	18K	5%	1/6W	R227	1-246-489-00	CARBON	4.7K	5%	1/4W
R077	1-247-847-00	CARBON	4.7K	5%	1/6W	R228	1-247-871-00	CARBON	47K	5%	1/6W
R078	1-247-895-00	CARBON	470K	5%	1/6W	R230	1-247-831-00	CARBON	1K	5%	1/6W
R079	1-247-903-00	CARBON	1M	5%	1/6W	R231	1-247-855-00	CARBON	10K	5%	1/6W
R080	1-247-903-00	CARBON	1M	5%	1/6W	R232	1-246-465-00	CARBON	470	5%	1/4W
R081	1-247-879-00	CARBON	100K	5%	1/6W	R233	1-246-457-00	CARBON	220	5%	1/4W
R082	1-247-889-00	CARBON	270K	5%	1/6W	R243	1-247-819-00	CARBON	330	5%	1/6W
R083	1-247-867-00	CARBON	33K	5%	1/6W	R250	1-247-861-00	CARBON	18K	5%	1/6W
R084	1-247-867-00	CARBON	33K	5%	1/6W	R251	1-247-843-00	CARBON	3.3K	5%	1/6W
R085	1-247-855-00	CARBON	10K	5%	1/6W	R252	1-247-891-00	CARBON	330K	5%	1/6W



Ref.No	Part No	Description	Remark
R253	1-247-839-00	CARBON 2.2K 5% 1/6W	
R268	1-247-807-00	CARBON 100 5% 1/6W	
R269	1-247-861-00	CARBON 18K 5% 1/6W	

VARIABLE RESISTOR

RV001	1-224-645-XX	RES, ADJ, CARBON 10K	
RV201	1-224-644-XX	RES, ADJ, CARBON 4.7K	

FILTER

SF201	1-404-345-00	SAWF	
	1-4-336-029-00	PLATE, SHIELD, SF201	

1-A-1330-390-A C BOARD, COMPLETE

1-526-645-00 SOCKET, CRT
1-556-148-00 CONNECTOR ASSY, MINIATURE 3P
1-556-396-00 CONNECTOR ASSY (2.5MM) 5P
1-609-700-00 C BOARD

CONNECTOR

C1	1-508-765-00	3P PLUG (M)	
C2	1-508-786-00	2P PLUG (M)	

CAPACITOR

C701	1-121-759-00	ELECT 4.7MF	250V
C702	1-129-737-00	FILM 0.047MF	20% 630V
C703	1-102-249-00	CERAMIC 680PF	20% 2KV
C704	1-123-356-00	ELECT 10MF	20% 25V
C705	1-108-433-00	MYLAR 0.1MF	10% 200V
C706	1-102-824-00	CERAMIC 470PF	5% 50V
C707	1-102-822-00	CERAMIC 390PF	5% 50V
C708	1-102-824-00	CERAMIC 470PF	5% 50V
C709	1-102-038-00	CERAMIC 0.001MF	500V
C710	1-102-219-00	CERAMIC 680PF	20% 1KV
C711	1-123-356-00	ELECT 10MF	20% 50V

DIODE

D701	8-719-300-76	DIODE RH1A	
D702	8-719-300-76	DIODE RH1A	
D703	8-719-300-76	DIODE RH1A	

COIL

L701	1-407-166-XX	MICRO INDUCTOR 56UH	
L702	1-407-166-XX	MICRO INDUCTOR 56UH	
L703	1-407-166-XX	MICRO INDUCTOR 56UH	
L704	1-407-701-00	MICRO INDUCTOR 47UH	

TRANSISTOR

Q701	8-729-326-11	TRANSISTOR 2SC2611	
Q702	8-729-326-11	TRANSISTOR 2SC2611	
Q703	8-729-326-11	TRANSISTOR 2SC2611	

Ref.No	Part No	Description	Remark
Q704	8-729-178-54	TRANSISTOR 2SC2785	
Q705	8-729-178-54	TRANSISTOR 2SC2785	
Q706	8-729-178-54	TRANSISTOR 2SC2785	

RESISTOR

R701	1-246-461-00	CARBON 330 5%	1/4W
R702	1-246-482-00	CARBON 2.4K 5%	1/4W
R703	1-206-743-00	METAL OXIDE 5.6K 5%	3W F
R704	1-246-482-00	CARBON 2.4K 5%	1/4W
R705	1-246-461-00	CARBON 330 5%	1/4W
R706	1-206-743-00	METAL OXIDE 5.6K 5%	3W F
R707	1-246-461-00	CARBON 330 5%	1/4W
R708	1-246-482-00	CARBON 2.4K 5%	1/4W
R709	1-206-743-00	METAL OXIDE 5.6K 5%	3W F
R710	1-202-824-00	SOLID 3.3K	1/2W
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
R717	1-202-834-00	SOLID 27K	1/2W
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
R722	1-202-719-00	SOLID 1M 10%	1/2W
R724	1-246-497-00	CARBON 10K 5%	1/4W
R725	1-246-497-00	CARBON 10K 5%	1/4W
R726	1-246-497-00	CARBON 10K 5%	1/4W
R727	1-246-453-00	CARBON 150 5%	1/4W
R728	1-246-453-00	CARBON 150 5%	1/4W
R729	1-246-447-00	CARBON 82 5%	1/4W
R730	1-246-457-00	CARBON 220 5%	1/4W
R731	1-246-457-00	CARBON 220 5%	1/4W
R732	1-246-475-00	CARBON 1.2K 5%	1/4W
R733	1-246-475-00	CARBON 1.2K 5%	1/4W
R735	1-246-456-00	CARBON 200 5%	1/4W
R736	1-246-456-00	CARBON 200 5%	1/4W
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

VARIABLE RESISTOR

RV701	1-224-644-XX	RES, ADJ, CARBON 4.7K	
RV702	1-224-643-XX	RES, ADJ, CARBON 2.2K	
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	
RV706	1-224-643-XX	RES, ADJ, CARBON 2.2K	
RV707	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M	

D2**D**

Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
▲:1-609-701-00	D2 BOARD	*****		▲:A-1345-398-A	D BOARD, COMPLETE	*****	
<u>CONNECTOR</u>				▲:4-340-905-00 HEAT SINK, V OUT			
D2-1	▲:1-560-278-00	PLUG, CONNECTOR 5P		▲:4-364-749-00	PLATE, SHIELD, F.B.T		
D2-2	▲:1-560-278-00	PLUG, CONNECTOR 3P		<u>CAPACITOR</u>			
D2-3	▲:1-560-721-21	PLUG, CONNECTOR 2P		C501	1-123-380-00	ELECT 1MF	20% 50V
<u>CAPACITOR</u>				C502	1-123-380-00	ELECT 1MF	20% 50V
C801	1-108-393-00	MYLAR 0.22MF	10% 100V	C503	1-108-389-00	MYLAR 0.1MF	10% 100V
C802	1-108-385-00	MYLAR 0.047MF	10% 100V	C504	1-131-448-00	TANTALUM 1MF	5% 35V
C803	1-108-385-00	MYLAR 0.047MF	10% 100V	C505	1-123-324-00	ELECT 1000MF	20% 16V
C804	1-123-360-00	ELECT 100MF	20% 50V	C506	1-123-321-00	ELECT 220MF	20% 16V
C805	1-123-356-00	ELECT 10MF	20% 50V	C507	1-108-377-00	MYLAR 0.01MF	10% 100V
C806	1-123-356-00	ELECT 10MF	20% 50V	C508	1-108-379-00	MYLAR 0.015MF	10% 100V
C807	1-123-380-00	ELECT 1MF	20% 50V	C509	1-123-381-00	ELECT 2.2MF	20% 100V
C808	1-123-252-00	ELECT 1MF	160V	C510	1-161-959-00	CERAMIC 22PF	10% 500V
<u>DIODE</u>				C511	1-123-345-00	ELECT 100MF	20% 35V
D801	8-719-911-19	DIODE 1SS119		C512	1-123-369-00	ELECT 4.7MF	20% 50V
<u>COIL</u>				C514	1-123-332-00	ELECT 47MF	20% 16V
L801	1-408-244-00	MICRO INDUCTOR 18MMH		C515	1-123-332-00	ELECT 47MF	20% 16V
L802	1-459-107-00	COIL, DUST CORE		C516	1-123-337-00	ELECT 1000MF	20% 25V
<u>TRANSISTOR</u>				C517	1-123-369-00	ELECT 4.7MF	20% 50V
Q801	8-729-313-82	TRANSISTOR 2SD1138		C518	1-131-539-00	TANTALUM 2.2MF	5% 20V
Q802	8-729-169-02	TRANSISTOR 2SC2690A		C519	1-123-286-00	ELECT 0.33MF	20% 50V
Q803	8-729-117-54	TRANSISTOR 2SA1175		C520	1-123-447-00	ELECT 0.22MF	20% 50V
Q804	8-729-178-54	TRANSISTOR 2SC2785		C521	1-123-362-00	ELECT 330MF	20% 50V
<u>RESISTOR</u>				C522	1-123-356-00	ELECT 10MF	20% 25V
R801	1-246-497-00	CARBON 10K 5% 1/4W		C523	1-123-332-00	ELECT 47MF	20% 16V
R802	1-213-143-00	METAL OXIDE 1K 5% 1W F		C524	1-108-369-00	MYLAR 0.0022MF	10% 100V
R804	1-247-012-00	CARBON 1K 5% 1/4W F		C525	1-121-999-00	ELECT 10MF	160V
R807	1-246-483-00	CARBON 2.7K 5% 1/4W		C526	1-123-380-00	ELECT 1MF	20% 50V
R808	1-217-265-11	WIREWOUND 22 10% 3W F		C527	1-108-382-00	MYLAR 0.027MF	10% 100V
R809	1-217-265-11	WIREWOUND 22 10% 3W F		C528	1-108-382-00	MYLAR 0.027MF	10% 100V
R810	1-246-425-00	CARBON 10 5% 1/4W		C529	1-123-380-00	ELECT 1MF	20% 50V
R811	1-246-491-00	CARBON 5.6K 5% 1/4W		C531	1-123-332-00	ELECT 47MF	20% 16V
R812	1-246-511-00	CARBON 39K 5% 1/4W		C535	1-123-330-00	ELECT 22MF	20% 16V
R813	1-246-511-00	CARBON 39K 5% 1/4W		C537	1-123-380-00	ELECT 1MF	20% 50V
R814	1-246-425-00	CARBON 10 5% 1/4W		C538	1-108-387-00	MYLAR 0.068MF	10% 100V
R815	1-246-491-00	CARBON 5.6K 5% 1/4W		C539	1-102-121-00	CERAMIC 0.0022MF	10% 50V
R817	1-246-471-00	CARBON 820 5% 1/4W		C540	1-102-824-00	CERAMIC 470PF	5% 50V
R819	1-246-481-00	CARBON 2.2K 5% 1/4W		C541	1-102-820-00	CERAMIC 330PF	5% 50V
R820	1-246-508-00	CARBON 30K 5% 1/4W		C542	1-123-026-00	ELECT 2.2MF	160V
<u>VARIABLE RESISTOR</u>				C543	1-123-380-00	ELECT 1MF	20% 100V
RV803	1-222-512-00	RES, ADJ, CARBON 10K		C544A	1-161-830-00	CERAMIC 0.0047MF	500V
RV806	1-221-970-XX	RES, ADJ, CARBON 500		C544B	1-161-830-00	CERAMIC 0.0047MF	500V
RV816	1-226-853-00	RES, ADJ, CARBON 47K		C545	1-123-380-00	ELECT 1MF	20% 50V
				C547	1-123-332-00	ELECT 47MF	20% 16V
				C549	1-123-330-00	ELECT 22MF	20% 16V
				C551	1-102-228-00	CERAMIC 470PF	10% 500V
				C552	1-108-377-00	MYLAR 0.01MF	10% 100V
				C559	1-108-579-00	MYLAR 0.01MF	5% 50V
				C560	1-123-318-00	ELECT 33MF	20% 16V
				C562	1-123-380-00	ELECT 1MF	20% 50V
				C601	1-123-332-00	ELECT 47MF	20% 25V

Ref.No	Part No	Description			Remark	Ref.No	Part No	Description			Remark
C603	1-108-251-00	MYLAR	0.1MF	5%	50V	C860	1-102-816-00	CERAMIC	120PF	5%	50V
C604	1-108-251-00	MYLAR	0.1MF	5%	50V	C861	1-108-684-61	MYLAR	0.0022MF	10%	200V
C605	1-108-251-00	MYLAR	0.1MF	5%	50V	C862	1-102-824-00	CERAMIC	470PF	5%	50V
C606	1-108-251-00	MYLAR	0.1MF	5%	50V	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	1-123-380-00	ELECT	1MF	20%	50V	C875	1-108-377-00	MYLAR	0.01MF	10%	100V
C804	1-108-377-00	MYLAR	0.01MF	10%	100V	<u>CONNECTOR</u>					
C805	1-123-331-00	ELECT	33MF	20%	25V	D1	▲:1-508-766-00	4P PLUG (M)			
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	D9	▲:1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P			
C812	1-108-389-00	MYLAR	0.1MF	10%	100V	D10	▲:1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			
C813	1-123-380-00	ELECT	1MF	20%	50V	D12	▲:1-508-768-00	6P PLUG			
C814	1-123-380-00	ELECT	1MF	20%	50V	D13	▲:1-508-765-00	3P PLUG (M)			
C815	1-108-387-00	MYLAR	0.068MF	10%	100V	D15	▲:1-560-127-00	PLUG, CONNECTOR (2.5MM) 7P			
C816	1-121-806-00	ELECT	10MF		16V	D17	▲:1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P			
C817	1-123-380-00	ELECT	1MF	20%	50V	D18	▲:1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P			
C818	1-102-820-00	CERAMIC	330PF	5%	50V	<u>DIODE</u>					
C819	1-108-689-11	MYLAR	0.0056MF	10%	200V	D501	8-719-911-19	DIODE 1SS119			
C820	1-101-810-00	CERAMIC	100PF	5%	500V	D502	8-719-911-19	DIODE 1SS119			
C822	1-123-003-00	ELECT	1MF		250V	D503	8-719-101-85	DIODE RD13E-L1			
C823	1-130-069-00	FILM	0.43MF	5%	200V	D504	8-719-300-45	DIODE EM-1Z			
C825	1-123-346-00	ELECT	220MF	20%	35V	D505	8-719-911-19	DIODE 1SS119			
C826	1-129-706-00	FILM	0.0022MF	10%	630V	D507	8-719-911-19	DIODE 1SS119			
C827	1-101-004-00	CERAMIC	0.01MF		50V	D508	8-719-911-19	DIODE 1SS119			
C828	1-121-999-00	ELECT	10MF		160V	D509	8-719-911-19	DIODE 1SS119			
C829	1-123-024-00	ELECT	33MF		160V	D515	8-719-911-55	DIODE U05G			
C830	1-108-429-00	MYLAR	0.047MF	10%	200V	D801	8-719-100-80	DIODE RD20E-B2			
C832 ▲	1-161-753-11	CERAMIC	470PF	10%	3KV	D802	8-719-300-45	DIODE EM-1Z			
C833	1-123-379-00	ELECT	0.47MF	20%	50V	D803	8-719-300-76	DIODE RH-1			
C834	1-102-212-00	CERAMIC	820PF	10%	500V	D804	8-719-300-76	DIODE RH-1			
C835	1-108-369-00	MYLAR	0.0022MF	10%	100V	D805	8-719-901-93	DIODE V19E			
C836	1-102-531-00	CERAMIC	150PF	5%	50V	D806	8-719-300-76	DIODE RH1A			
C837	1-123-586-00	ELECT	0.1MF	20%	50V	D807	8-719-903-09	DIODE V30N			
C838	1-123-380-00	ELECT	1MF	20%	50V	D809	8-719-901-93	DIODE V19E			
C839	1-123-331-00	ELECT	33MF	20%	25V	D810	8-719-911-19	DIODE 1SS119			
C841 ▲	1-161-961-11	CERAMIC	0.0022MF	10%	3KV	D811	8-719-911-19	DIODE 1SS119			
C843	1-123-369-00	ELECT	4.7MF	20%	50V	D812	8-719-100-30	DIODE RD5.1E-B2			
C844	1-108-385-00	MYLAR	0.047MF	10%	100V	D816	8-719-911-19	DIODE 1SS119			
C845 ▲	1-108-702-11	MYLAR	0.068MF	10%	200V	D817	8-719-300-76	DIODE RH-1A			
C846 ▲	1-136-044-11	FILM	0.0017MF	3%	1.6KV	D819	8-719-300-76	DIODE RH-1A			
C847 ▲	1-136-044-11	FILM	0.0017MF	3%	1.6KV	D820	8-719-911-19	DIODE 1SS119			
C848 ▲	1-136-044-11	FILM	0.0017MF	3%	1.6KV	D821	8-719-911-19	DIODE 1SS119			
C850	1-102-030-00	CERAMIC	330PF	10%	500V	D822	8-719-911-19	DIODE 1SS119			
C854	1-102-223-00	CERAMIC	0.0047MF	20%	1.6KV						
C855	1-123-381-00	ELECT	2.2MF	20%	50V						
C856	1-108-373-00	MYLAR	0.0047MF	10%	100V						
C857	1-123-357-00	ELECT	22MF	20%	50V						
C858	1-121-999-00	ELECT	10MF		160V						
C859	1-123-357-00	ELECT	22MF	20%	50V						

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Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
<u>CONNECTOR</u>							
DY1	▲:1-506-347-21	4P PLUG		Q802	8-729-177-43	TRANSISTOR 2SD774	
DY2	▲:1-506-347-21	4P PLUG		Q803	8-729-287-00	TRANSISTOR 2SD870	
<u>IC</u>					3-701-353-00	SPACER, MICA, Q803	
IC501	8-759-878-03	IC LA7802			3-701-609-00	BUSHING (B), TR, Q803	
IC502	8-759-113-58	IC UPC1358H		▲:4-314-938-01	RETAINER (TO-3), TRANSISTOR, Q803		
IC503	8-759-979-16	IC CX7916		▲: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		Q807	8-729-213-11	TRANSISTOR 2SC2230A	
IC801	8-759-240-11	IC TC4011BP		Q808	8-729-177-43	TRANSISTOR 2SD774	
<u>PLUG</u>				Q809	8-729-177-43	TRANSISTOR 2SD774	
JK501	1-526-575-00	SOCKET, PLUG		Q810	8-729-612-77	TRANSISTOR 2SA1027R	
<u>COIL</u>				<u>RESISTOR</u>			
L801	1-408-247-00	MICRO INDUCTOR 33MMH		R501	1-247-831-00	CARBON 1K 5% 1/6W	
L802	1-408-247-00	MICRO INDUCTOR 33MMH		R502	1-247-869-00	CARBON 39K 5% 1/6W	
L803	▲1-459-451-11	COIL, FERRITE		R503	1-247-897-00	CARBON 560K 5% 1/6W	
L804	▲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	▲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	
<u>TRANSISTOR</u>				R516	1-247-839-00	CARBON 2.2K 5% 1/6W	
Q501	8-729-117-54	TRANSISTOR 2SA1175		R517	1-247-819-00	CARBON 330 5% 1/6W	
Q502	8-729-313-42	TRANSISTOR 2SD1134		R519	1-215-458-31	METAL 36K 1% 1/6W	
Q503	8-729-178-54	TRANSISTOR 2SC2785		R520	1-247-871-00	CARBON 47K 5% 1/6W	
Q504	8-729-178-54	TRANSISTOR 2SC2785		R521	1-212-363-00	METAL OXIDE 1.8 5% 1W F	
Q505	8-729-117-54	TRANSISTOR 2SA1175		R522	1-247-850-00	CARBON 6.2K 5% 1/6W	
Q506	8-729-178-54	TRANSISTOR 2SC2785		R523	1-247-883-00	CARBON 150K 5% 1/6W	
Q507	8-729-178-54	TRANSISTOR 2SC2785		R524	1-247-831-00	CARBON 1K 5% 1/6W	
Q508	8-729-117-54	TRANSISTOR 2SA1175		R525	1-247-841-00	CARBON 2.7K 5% 1/6W	
Q509	8-729-178-54	TRANSISTOR 2SC2785		R527	1-247-844-00	CARBON 3.6K 5% 1/6W	
Q510	8-729-178-54	TRANSISTOR 2SC2785		R529	1-247-841-00	CARBON 2.7K 5% 1/6W	
Q512	8-729-178-54	TRANSISTOR 2SC2785		R530	1-247-849-00	CARBON 5.6K 5% 1/6W	
Q514	8-729-117-54	TRANSISTOR 2SA1175		R531	1-247-855-00	CARBON 10K 5% 1/6W	
Q515	8-729-117-54	TRANSISTOR 2SA1175		R532	1-247-862-00	CARBON 20K 5% 1/6W	
Q516	8-729-178-54	TRANSISTOR 2SC2785		R533	1-247-843-00	CARBON 3.3K 5% 1/6W	
Q518	8-729-178-54	TRANSISTOR 2SC2785		R534	1-247-843-00	CARBON 3.3K 5% 1/6W	
Q519	8-729-117-54	TRANSISTOR 2SA1175		R535	1-247-855-00	CARBON 10K 5% 1/6W	
Q520	8-729-309-08	TRANSISTOR 2SC1890A		R536	1-247-855-00	CARBON 10K 5% 1/6W	
Q521	8-729-238-32	TRANSISTOR 2SC2383		R537	1-246-465-00	CARBON 470 5% 1/4W	
Q522	8-729-201-32	TRANSISTOR 2SA1013		R538	1-215-481-31	METAL 330K 1% 1/6W	
Q801	8-729-168-82	TRANSISTOR 2SC2688		R539	1-247-876-00	CARBON 75K 5% 1/6W	
				R540	1-247-839-00	CARBON 2.2K 5% 1/6W	
				R541	1-247-839-00	CARBON 2.2K 5% 1/6W	
				R542	1-247-867-00	CARBON 33K 5% 1/6W	
				R543	1-247-831-00	CARBON 1K 5% 1/6W	
				R544	1-247-831-00	CARBON 1K 5% 1/6W	

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Ref.No	Part No	Description			Remark	Ref.No	Part No	Description			Remark
R545	1-247-819-00	CARBON	330	5%	1/6W	R809	1-247-822-00	CARBON	430	5%	1/6W
R546	1-247-875-00	CARBON	68K	5%	1/6W	R810	1-247-819-00	CARBON	330	5%	1/6W
R547	1-247-857-00	CARBON	12K	5%	1/6W	R811	1-247-831-00	CARBON	1K	5%	1/6W
R548	1-247-855-00	CARBON	10K	5%	1/6W	R812	1-212-358-51	METAL OXIDE	0.68	5%	1W F
R549	1-247-843-00	CARBON	3.3K	5%	1/6W	R813	1-247-822-00	CARBON	430	5%	1/6W
R552	1-247-872-00	CARBON	51K	5%	1/6W	R814	1-246-483-00	CARBON	2.7K	5%	1/4W
R553	1-247-879-00	CARBON	4.7K	5%	1/6W	R815	1-247-855-00	CARBON	10K	5%	1/6W
R554	1-247-861-00	CARBON	18K	5%	1/6W	R816	1-247-859-00	CARBON	15K	5%	1/6W
R555	1-247-841-00	CARBON	2.7K	5%	1/6W	R817	1-247-864-00	CARBON	24K	5%	1/6W
R563	1-247-807-00	CARBON	100	5%	1/6W	R818	1-247-439-00	CARBON	8.2K	5%	1/8W
R564	1-247-852-00	CARBON	7.5K	5%	1/6W	R819	1-247-012-00	CARBON	1K	5%	1/4W F
R565	1-247-879-00	CARBON	100K	5%	1/6W	R820	1-247-659-00	CARBON	68	5%	1/4W F
R566	1-247-807-00	CARBON	100	5%	1/6W	R821	1-213-129-00	METAL OXIDE	68	5%	1W F
R567	1-247-825-00	CARBON	560	5%	1/6W	R822	1-213-143-00	METAL OXIDE	1K	5%	1W F
R568	1-247-840-00	CARBON	2.4K	5%	1/6W	R823	1-213-141-00	METAL OXIDE	680	5%	1W F
R569	1-247-831-00	CARBON	1K	5%	1/6W	R825	1-244-925-00	CARBON	150K	5%	1/2W
R570	1-247-807-00	CARBON	100	5%	1/6W	R828B	1-244-923-00	CARBON	120K	5%	1/2W
R571	1-247-831-00	CARBON	1K	5%	1/6W	R830	1-247-614-00	CARBON	3.3K	5%	1/8W
R572	1-247-889-00	CARBON	270K	5%	1/6W	R831	1-213-143-00	METAL OXIDE	1K	5%	1W F
R573	1-247-865-00	CARBON	27K	5%	1/6W	R832	1-247-840-00	CARBON	2.4K	5%	1/6W
R574	1-247-835-00	CARBON	1.5K	5%	1/6W	R833	1-247-662-00	CARBON	560	5%	1/4W F
R575	1-247-851-00	CARBON	6.8K	5%	1/6W	R834	1-244-861-00	CARBON	330	5%	1/2W
R576	1-247-840-00	CARBON	2.4K	5%	1/6W	R835	1-247-867-00	CARBON	33K	5%	1/6W
R581	1-247-855-00	CARBON	10K	5%	1/6W	R838	1-247-840-00	CARBON	2.4K	5%	1/6W
R582	1-211-602-00	CARBON	33	5%	1/2W F	R839	1-247-855-00	CARBON	10K	5%	1/6W
R583	1-247-831-00	CARBON	1K	5%	1/6W	R840	1-247-838-00	CARBON	2K	5%	1/6W
R584	1-247-878-00	CARBON	91K	5%	1/6W	R841	1-247-824-00	CARBON	510	5%	1/6W
R585	1-212-992-00	FUSIBLE	270	5%	1/2W F	R842	1-247-839-00	CARBON	2.2K	5%	1/6W
R586	1-246-507-00	CARBON	27K	5%	1/4W	R843	1-247-889-00	CARBON	270K	5%	1/6W
R587	1-246-497-00	CARBON	10K	5%	1/4W	R844	1-247-883-00	CARBON	62K	5%	1/6W
R589	1-247-831-00	CARBON	1K	5%	1/6W	*R846	1-247-862-00	CARBON	20K	5%	1/6W
R590	1-247-827-00	CARBON	680	5%	1/6W	*R846	1-247-863-00	CARBON	22K	5%	1/6W
R591	1-211-602-00	CARBON	33	5%	1/2W F	*R846	1-247-864-00	CARBON	24K	5%	1/6W
R592	1-247-879-00	CARBON	100K	5%	1/6W	*R846	1-247-865-00	CARBON	27K	5%	1/6W
R594	1-247-875-00	CARBON	68K	5%	1/6W	*R846	1-247-866-00	CARBON	30K	5%	1/6W
R595	1-247-873-00	CARBON	56K	5%	1/6W	*R846	1-247-867-00	CARBON	33K	5%	1/6W
R597	1-247-807-00	CARBON	100	5%	1/6W	*R846	1-247-869-00	CARBON	39K	5%	1/6W
R599	1-215-454-00	METAL	24K	1%	1/6W	*R846	1-247-871-00	CARBON	47K	5%	1/6W
R601	1-247-843-00	CARBON	3.3K	5%	1/6W	*R846	1-247-873-00	CARBON	56K	5%	1/6W
R602	1-247-855-00	CARBON	10K	5%	1/6W	*R846	1-247-875-00	CARBON	68K	5%	1/6W
R603	1-247-855-00	CARBON	10K	5%	1/6W	R847	1-247-851-00	CARBON	6.8K	5%	1/6W
R604	1-202-649-15	SOLID	1.5M	5%	1/2W	R848	1-247-857-00	CARBON	12K	5%	1/6W
R606	1-247-843-00	CARBON	3.3K	5%	1/6W	R849	1-247-855-00	CARBON	10K	5%	1/6W
R607	1-213-137-00	METAL OXIDE	330	5%	1W F	R850	1-247-850-00	CARBON	6.2K	5%	1/6W
R608	1-213-137-00	METAL OXIDE	330	5%	1W F	R851	1-247-859-00	CARBON	15K	5%	1/6W
R612	1-212-861-11	FUSIBLE	15	5%	1/4W F	R852	1-247-849-00	CARBON	5.6K	5%	1/6W
R613	1-247-829-00	CARBON	820	5%	1/6W	R853	1-247-831-00	CARBON	1K	5%	1/6W
R616	1-247-879-00	CARBON	100K	5%	1/6W	R854	1-206-745-00	METAL OXIDE	6.8K	5%	3W F
R619	1-247-852-00	CARBON	7.5K	5%	1/6W	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	5%	1/2W F
R804	1-206-746-00	METAL OXIDE	7.5K	5%	3W F	R858	1-217-418-00	FUSIBLE	0.47	5%	1/2W F
R808	1-247-799-00	CARBON	47	5%	1/6W	R859	1-247-800-00	CARBON	51	5%	1/6W



Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
R860	1-247-861-00	CARBON 18K 5% 1/6W		C405	1-123-617-00	ELECT 10MF 20% 16V	
R861	1-247-890-00	CARBON 300K 5% 1/6W		C406	1-108-377-00	MYLAR 0.01MF 10% 100V	
R862	1-246-509-00	CARBON 33K 5% 1/4W		<u>DIODE</u>			
R863	1-247-861-00	CARBON 18K 5% 1/6W		D404	8-719-812-31	DIODE TLR123	
R864	1-247-867-00	CARBON 33K 5% 1/6W		D405	8-719-812-31	DIODE TLR123	
R865	1-211-533-00	CARBON 300 5% 1/4W F		D406	8-719-812-31	DIODE TLR123	
R868	1-247-646-00	CARBON 1 5% 1/4W F		D407	8-719-812-31	DIODE TLR123	
R869	1-247-831-00	CARBON 1K 5% 1/6W		D408	8-719-812-31	DIODE TLR123	
R870	1-247-646-00	CARBON 1 5% 1/4W F		D409	8-719-156-25	DIODE RD5.6E-B2Z	
R871	1-247-831-00	CARBON 1K 5% 1/6W		D410	8-719-803-20	DIODE TLR320	
R872	1-213-149-00	METAL OXIDE 3.3 5% 1W F		▲:1-526-638-21 SOCKET, IC 9P, D410			
R828A	1-244-923-00	CARBON 120K 5% 1/2W		D411	8-719-114-34	DIODE SY432D	
R829A	1-214-879-00	METAL 4.3K 1% 1/2W		D412	8-719-114-34	DIODE SY432D	
R829B	1-214-880-00	METAL 4.7K 1% 1/2W		D413	8-719-114-34	DIODE SY432D	
<u>VARIABLE RESISTOR</u>				D414	8-719-114-34	DIODE SY432D	
RV501	1-226-136-00	RES, ADJ, CARBON 10K		D415	8-719-114-34	DIODE SY432D	
RV503	1-244-965-00	RES, ADJ, CARBON 470		D416	8-719-114-34	DIODE SY432D	
RV504	1-226-774-00	RES, ADJ, METAL GLAZE 47K		D417	8-719-114-34	DIODE SY432D	
RV506	1-223-021-00	RES, ADJ, WIREWOUND 1K		<u>IC</u>			
RV801	1-228-160-11	RES, ADJ, METAL GLAZE 5K		IC401	8-759-619-03	IC M51903L	
RV802	1-226-851-00	RES, ADJ, CARBON 10K		IC402	8-759-997-64	IC SN29764N	
RV803	1-226-057-00	RES, ADJ, CARBON 22K		<u>TRANSISTOR</u>			
RV804	1-228-577-00	RES, ADJ, CARBON 220		Q401	8-729-313-42	TRANSISTOR 2SD1134	
<u>SPARK GAP</u>				<u>RESISTOR</u>			
SG801	1-519-063-XX	DISCHARGING GAP		R404	1-247-839-00	CARBON 2.2K 5% 1/6W	
<u>TRANSFORMER</u>				R405	1-247-819-00	CARBON 330 5% 1/6W	
T501	1-427-512-00	TRANSFORMER, INPUT/OUTPUT		R406	1-247-807-00	CARBON 100 5% 1/6W	
T801	1-437-090-00	HOT		R407	1-247-807-00	CARBON 100 5% 1/6W	
T802 ▲	1-439-308-11	TRANSFORMER, ASSY FLYBACK		R408	1-247-887-00	CARBON 220K 5% 1/6W	
T803 ▲	1-421-583-11	TRANSFORMER, FERRITE (HPCT)		R409	1-247-849-00	CARBON 5.6K 5% 1/6W	
*****				R410	1-247-855-00	CARBON 10K 5% 1/6W	
▲:1-609-423-00	H BOARD	*****		R411	1-247-855-00	CARBON 10K 5% 1/6W	
▲:1-555-499-00	CONNECTOR (2.5MM) 4P			R412	1-247-831-00	CARBON 1K 5% 1/6W	
▲:1-556-321-00	CONNECTOR ASSY (2.5MM) 7P			R413	1-247-831-00	CARBON 1K 5% 1/6W	
▲:1-556-338-00	COINNECTOR ASSY (2.5MM) 3P			R414	1-247-831-00	CARBON 1K 5% 1/6W	
▲:1-556-398-00	CONNECTOR ASSY (2.5MM) 5P			<u>VARIABLE RESISTOR</u>			
▲:1-556-584-00	CONNECTOR ASSY (2.5MM) 2P			RV401	1-228-937-00	RES, VAR, CARBON 20K	
▲:1-556-879-00	CONNECTOR ASSY (2.5MM) 10P			RV402	1-228-937-00	RES, VAR, CARBON 20K	
▲:4-364-712-00	HOLDER (3 GANG), LED			RV403	1-228-937-00	RES, VAR, CARBON 20K	
4-364-730-00	KNOB, SLIDE			RV404	1-228-936-00	RES, VAR, CARBON 10K	
▲:4-364-731-00	HOLDER, LED			RV405	1-228-936-00	RES, VAR, CARBON 10K	
▲:4-364-732-00	HOLDER (4 GANG), LED			RV406	1-228-938-00	RES, VAR, CARBON 20K	
<u>CAPACITOR</u>				<u>SWITCH</u>			
C401	1-108-377-00	MYLAR 0.01MF 10% 100V		S401	1-553-363-00	SWITCH, PUSH	
C402	1-123-617-00	ELECT 10MF 20% 16V		S402	1-553-363-00	SWITCH, PUSH	
C403	1-108-377-00	MYLAR 0.01MF 10% 100V		S403	1-553-363-00	SWITCH, PUSH	
C404	1-123-330-00	ELECT 22MF 20% 16V					

NOTE:

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

H

Ref.No	Part No	Description	Remark
S404	1-553-363-00	SWITCH, PUSH	
S405	1-553-363-00	SWITCH, PUSH	
S406	1-553-537-21	SWITCH, SLIDE	
S407	1-553-537-21	SWITCH, SLIDE	
S408	1-554-118-00	SWITCH, PUSH	
S409	1-554-404-00	SWITCH, PUSH (3 KEY)	
S410	1-552-774-00	SWITCH, PUSH	
S411	1-552-774-00	SWITCH, PUSH	
S412	1-552-774-00	SWITCH, PUSH	
S413	1-552-774-00	SWITCH, PUSH	

ACCESSORIES AND PACKING MATERIALS

Part.No	Description	Remark
1-508-955-00	PLUG, ANTENNA	
4-316-037-00	BAG, POLYETHYLENE	
4-364-734-00	CUSHION (UPPER) (ASSY)	
4-364-735-00	CUSHION (LOWER) (ASSY)	
4-364-748-00	INDIVIDUAL CARTON	
4-493-782-41	MANUAL, INSTRUCTION	

MISCELLANEOUS

▲1-162-142-21	CAP BLOCK, HIGH VOLTAGE
▲1-228-482-12	RESISTOR ASSY, HIGH-VOLTAGE
1-452-032-00	MAGNET, DISK; 10MM ϕ
1-452-094-00	MAGNET, ROTATABLE DISK; 15MM ϕ
1-452-146-00	MAGNET, BMC
▲1-452-214-12	CRT NECK ASSY (H TYPE)
▲1-463-371-12	TUNER (8T-882)
▲1-509-779-00	6P CONNECTOR ASSY
▲1-536-494-11	ANT TERMINAL ASSY
▲1-551-489-00	CABLE, WITH CABLE
▲1-551-604-00	CONNECTOR ASSY, MINIATURE 3P
▲1-551-616-00	CONNECTOR ASSY, MINIATURE 4P
▲1-551-854-00	CONNECTOR ASSY 1P
▲1-555-200-00	CONNECTOR ASSY (2.5MM) 4P
▲1-555-345-00	CONNECTOR ASSY (2.5MM) 2P
▲1-555-348-00	CONNECTOR, MINIATURE 1P
▲1-555-400-81	CABLE, PIN
▲1-555-439-00	CONNECTOR ASSY (LARGE) 3P
▲1-555-836-00	CONNECTOR ASSY (2.5MM) 7P
▲1-555-957-00	CONNECTOR ASSY (2.5MM) 2P
▲1-555-962-00	CONNECTOR ASSY (2.5MM) 5P
▲1-555-965-00	CONNECTOR ASSY (2.5MM) 5P
▲1-555-973-00	CONNECTOR ASSY (LARGE) 4P
▲1-556-016-00	CONNECTOR ASSY (2.5MM) 3P
▲1-556-148-00	CONNECTOR ASSY, MINIATURE 3P
L901 ▲1-451-160-32	DEFLECTION YOKE (SY-97)
L902 ▲1-426-086-12	COIL, DEGAUSSING
L903 ▲1-426-086-12	COIL, DEGAUSSING
S901 ▲1-553-225-12	SWITCH, PUSH
SP901 1-503-109-00	SPEAKER
V901 ▲8-738-312-05	CRT (330YB22)

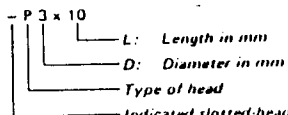
For Service Manuals
MAURITRON SERVICES
8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
Tel (01844) 351694
Fax (01844) 352554
email:- mauritron@dia1.pipex.com

NOTE:

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

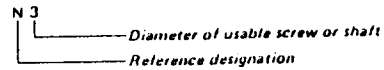
HARDWARE NOMENCLATURE

Screw:



Indicated slotted-head only.
Unless otherwise indicated, it means
cross-recessed head (Phillips type).

Nut, Washer, Retaining ring:



Reference designation	Shape	Description	Remarks
SCREWS			
P		pan-head screw	binding-head (B) screw for replacement
PWH		pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS PSP		pan-head screw with spring washer	binding-head (B) screw and spring washer for replacement
PSW PSPW		pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R		round-head screw	binding-head (B) screw for replacement
K		flat-countersunk-head screw	
RK		oval-countersunk-head screw	
B		binding-head screw	
T		truss-head screw	binding-head (B) screw for replacement
F		flat-filister-head screw	
RF		filister-head screw	
BV		brazier-head screw	

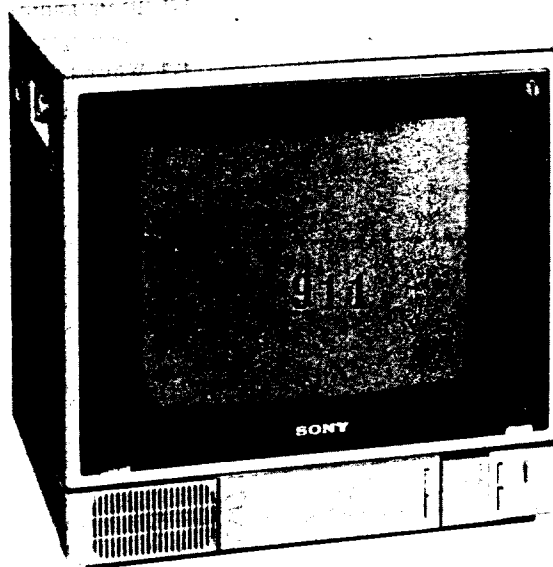
Reference Designation	Shape	Description	Remarks
SELF-TAPPING SCREWS			
TA		self-tapping screw	ex: TA, P 3 x 10
PTP		pan-head self-tapping screw	binding-head self-tapping (TA, B) screw for replacement
PTPWH		pan-head self-tapping screw with washer face	binding-head self-tapping (TA, B) screw and flat washer for replacement
PTTWH		pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement
SET SCREWS			
SC		set screw	
SC		hexagon-socket set screw	ex: SC 2.6 x 4, hexagon socket
NUT			
N		nut	
WASHERS			
W		flat washer	
SW		spring washer	
LW		internal-tooth lock washer	ex: LW3, internal
LW		external-tooth lock washer	ex: LW3, external
RETAINING RINGS			
E		retaining ring	
G		grip-type retaining ring	

CVM-1370QB

ADJUSTMENT MANUAL

UK Model

chassis No. SCC-488A-A



February, 1984

Please use the Adjustment manual in conjunction with the Service Manual.

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TRINITRON® COLOR
RECEIVER/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 as follows given:

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

Note: Test Equipment Required

1. Color-bar/pattern generator
2. Degausser

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.

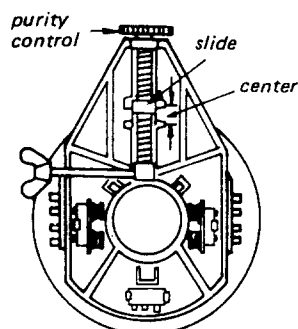


Fig. 1-1

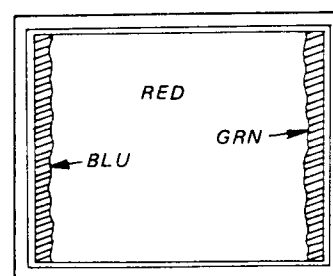


Fig. 1-2

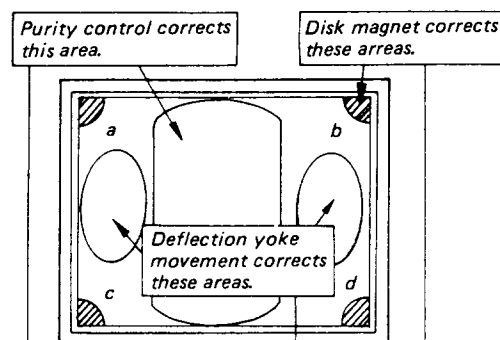


Fig. 1-3

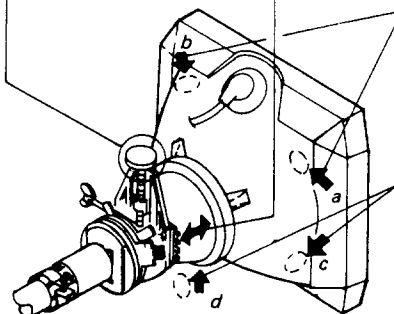


Fig. 1-4

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.

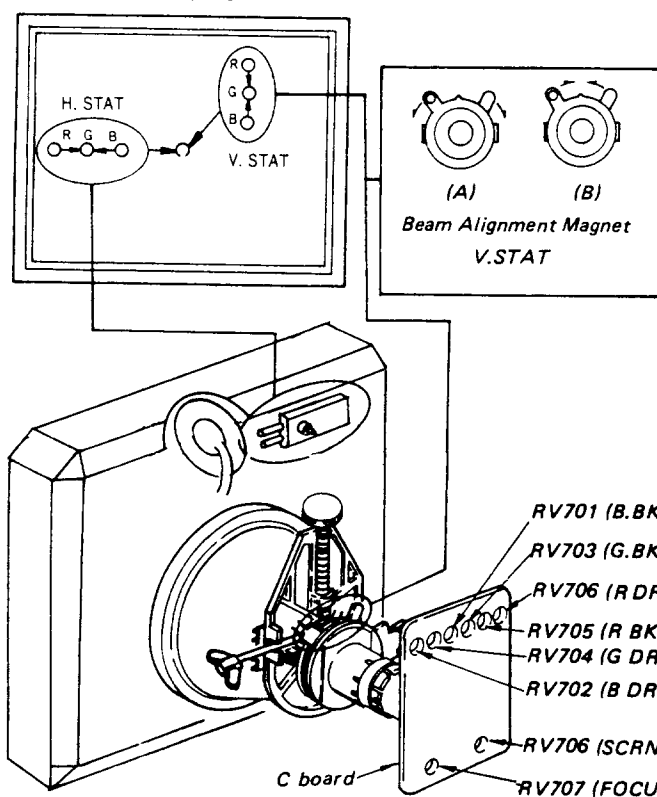
(1) Horizontal Static Convergence and Vertical Static Convergence

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

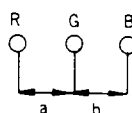
Move BMC magnet to correct insufficient H. Static convergence.

Rotate BMC magnet to correct insufficient V. static convergence.

In either case, repeat Beam Landing Adjustment.

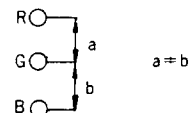


⊙HMC

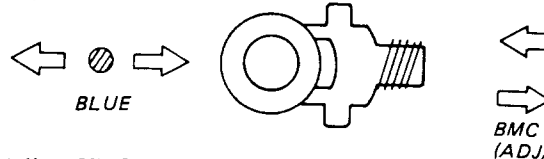


⊙VMC

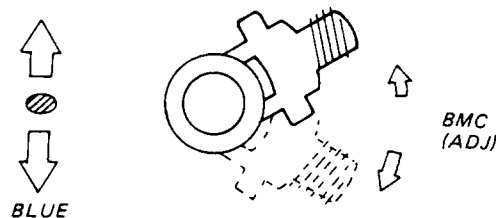
a ≠ b



Adjust HMC



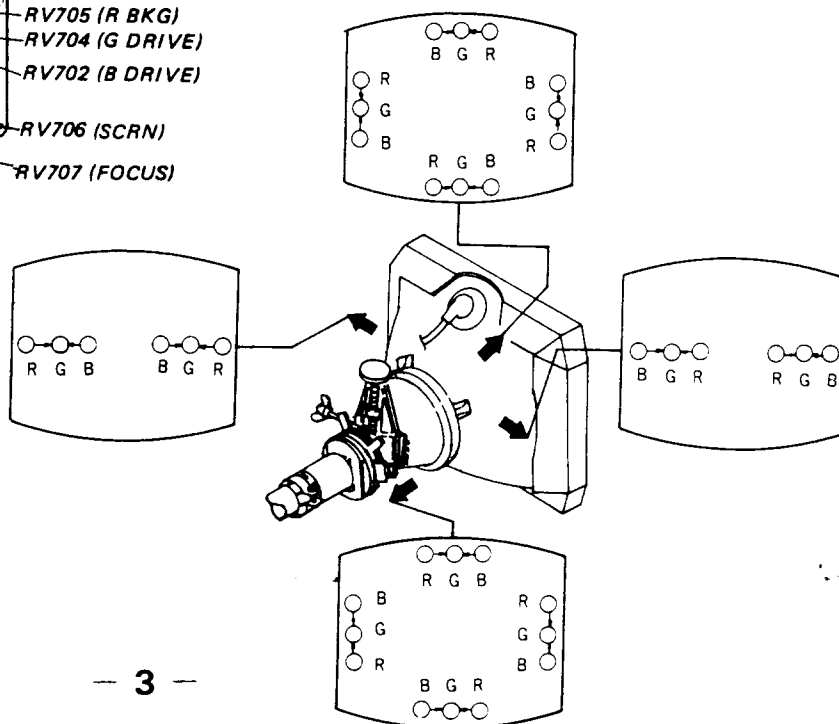
Adjust VMC



(2) Dynamic Convergence Adjustment

Preparation:

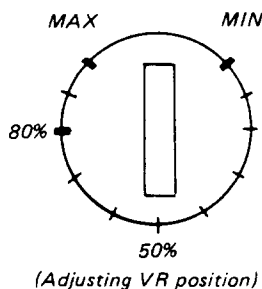
- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
1. Loosen deflection yoke screw.
 2. Remove deflection yoke spacers.
 3. Move the deflection yoke for best convergence as shown below.
 4. Tighten the deflection yoke screw.
 5. Install the deflection yoke spacers.



1-3. WHITE BALANCE

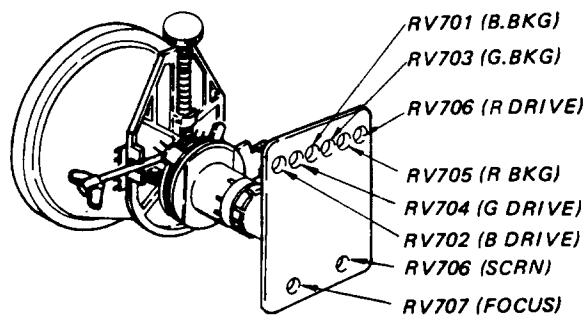
(1) SCREEN (G2)

1. Input 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), RV704 (G.DRIVE) and RV706 (R.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.



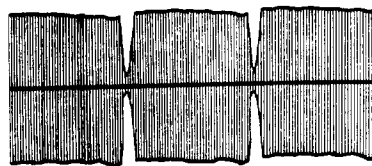
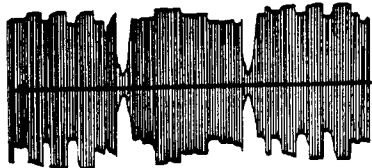
SECTION 2 CIRCUIT ADJUSTMENTS

CVM-1370QB

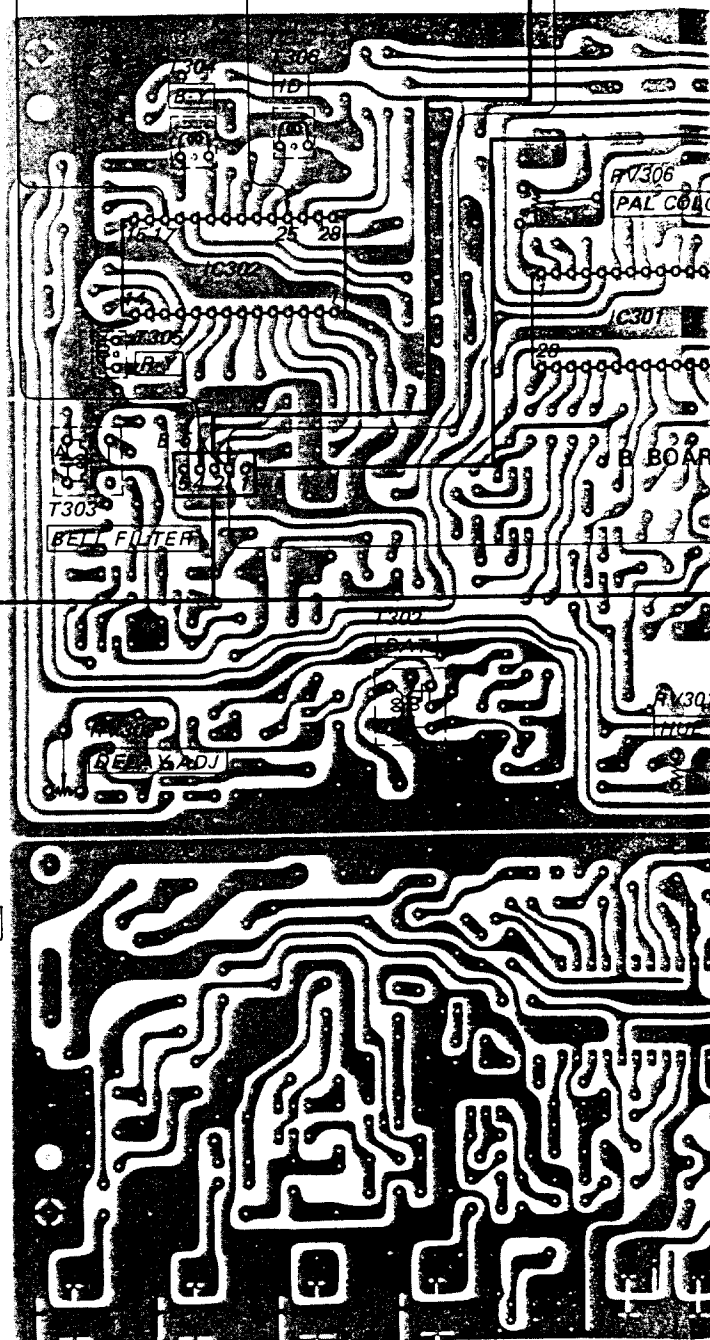
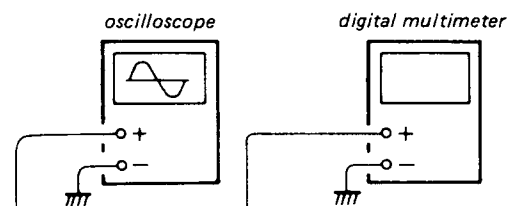
2-1. B BOARD ADJUSTMENT ①

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.



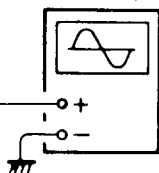
- (2) ID Adjustment (Intermodulation distortion)
- 1) Input a SECAM color bar.
 - 2) Connect a digital voltmeter between IC302 pin ②5 and ground, and adjust T306 so that the digital voltmeter reading is maximum.
- (3) Color Balance Adjustment
- 1) Input a SECAM color bar.
 - 2) PICTURE 80%
COLOR 50%
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.



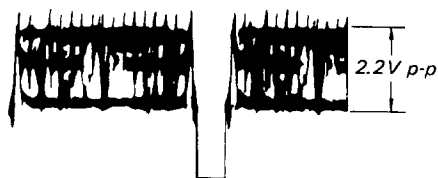
ANTI-PAL, LINE CRAWLING Adjustment

- (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 minimum line crawling.
 - 3) Confirm the anti-PAL adjustment in (1), and repeat (2) and (1) if necessary.

oscilloscope

**SUB CONTRAST Adjustment**

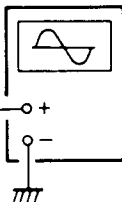
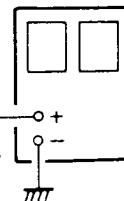
- 1) Input a monoscope signal.
- 2) BRT: mechanical center
PICTURE: maximum (turned fully clockwise)
- 3) Observe B-5 connector pin ② (B out) on the oscilloscope and adjust the sub contrast control (RV309) so that the signal component is 2.2Vp-p.

**SUB COLOR Adjustment**

- 1) PICTURE 80%
COLOR 50%
BRT 50%
- 2) Apply $10.0 \pm 0.05V$ to B-2 connector pin ⑨, and $5.8 \pm 0.05V$ to B-2 connector pin ⑥.
- 3) Input a SECAM color bar.
- 4) Adjust RV305 so that B-5 connector pin ② (B out) waveform is as shown in the figure.
- 5) Input a PAL color bar.
- 6) Observe B board B-5 connector plug B out waveform on the oscilloscope and adjust RV306 so that the waveform height is even.

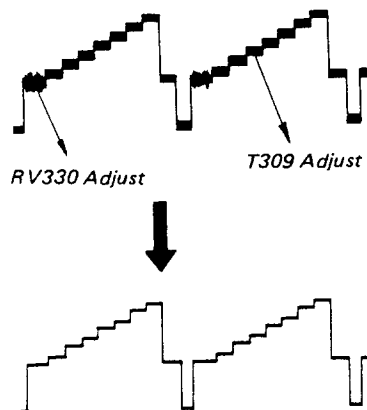


oscilloscope

regulated-dc
power supply

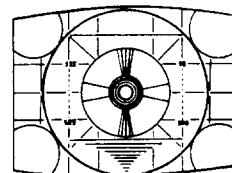
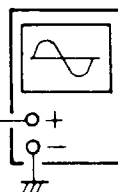
COMB FILTER Adjustment

- (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.



- (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.

oscilloscope



(monoscope signal)

APC Adjustment

- (1) 4.43 (APC-2) Adjustment
 - 1) Input a PAL color bar.
 - 2) Connect a 100k Ω resistor between IC301 pin (13) and ground. (Killer circuit goes off.)
 - 3) Connect IC303 pin (2) to +B via the 2.2k Ω resistor to get 4.43 mode.
 - 4) Ground IC301 pin (16) with a 10 μ /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 Ω resistor between IC301 pin (13) and ground. (Killer circuit goes off.)
 - 3) Ground IC301 pin (16) with a 10 μ /16V chemical capacitor and remove color sync.
 - 4) Ground Q329 base momentarily to get 3.58 mode.
 - 5) Adjust RV302 (APC-1) to get color sync.

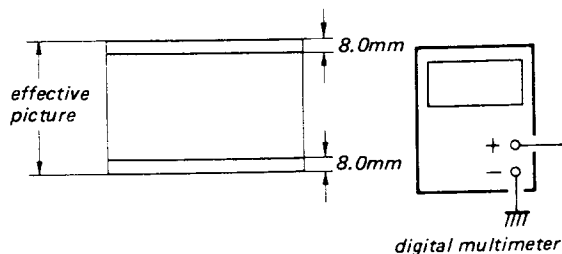
2-2. D BOARD ADJUSTMENT

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

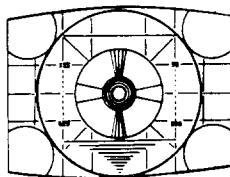
- (1) Input a monoscope signal (NTSC).
- (2) PICTURE 80%
BRT 50%
- (3) Adjust V BIAS (RV504) so that V bias is $13.0 \pm 0.5V$.
- (4) Adjust V CENT (RV506) and adjust so that there are the same number of frames above and below V center when it is at the center.
- (5) Set SCAN switch to under mode.
- (6) Set U.V SIZE (RV502) to mechanical center.
- (7) Select R615 (ΔR) 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 6.2 Ω mounted in (3)).
- (8) Set SCAN switch to normal mode.
- (9) Adjust V BIAS (RV504) so that V bias is $13.0 \pm 0.5V$.
- (10) Adjust N.V SIZE (RV503) and V CENT (RV506) to adjust V SIZE.
11.5 frames for 625 monoscope
- (11) Set SCAN switch to U mode.
- (12) Adjust V SIZE during underscan with U.V SIZE (RV502).



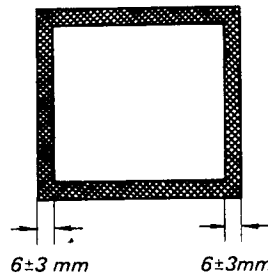
- (13) Input a monoscope signal (PAL) and check that V SIZE (Normal) is about 114 frames.

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).

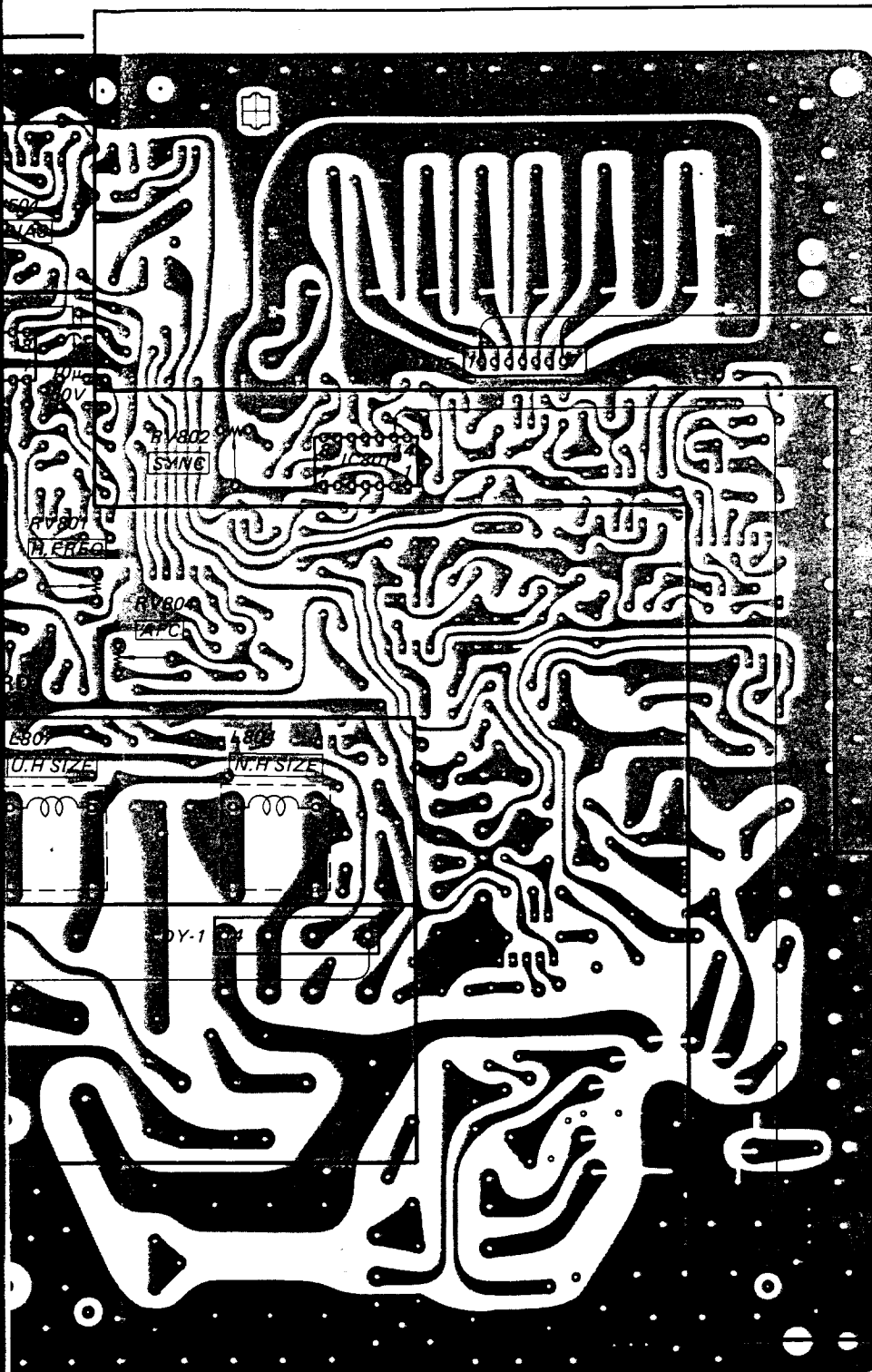


(monoscope signal)



HORIZONTAL Adjustment

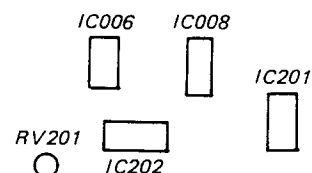
- (1) Receive
- (2) Set AF
- (3) PICTURE
- (4) Make p. alterna supply.
- (5) Ground 50V ch



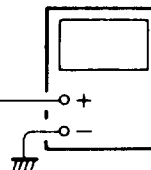
TUNER AGC Adjustment

- (1) Connect a voltmeter to D-15 connector pin ①.
- (2) Receive a color bar signal, and get just tuning.
- (3) Set brightness VR to center click position and picture VR to initial set position.
- (4) Check that there is 12.0V-13.0V at tuner +B pin.
- (5) Adjust so that there is 7.5 ± 0.5 V coming out on D-15 connector pin ⑦, with RV201 on A board.

A BOARD



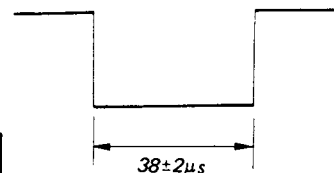
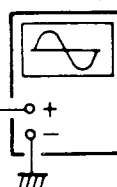
digital multimeter



SYNC SEP Adjustment

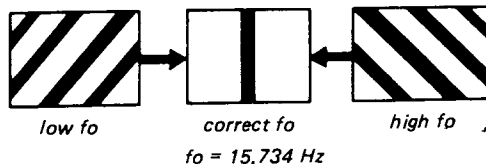
- (1) Input a color bar (NTSC).
- (2) Adjust RV802 so that the IC801 pin ⑬ waveform is as shown in the figure.

oscilloscope



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 ⑬ with a 10μ /50V 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 ± 2 mm, with fast as the reference.
(Note: Check for both NTSC and PAL monoscope signals.)

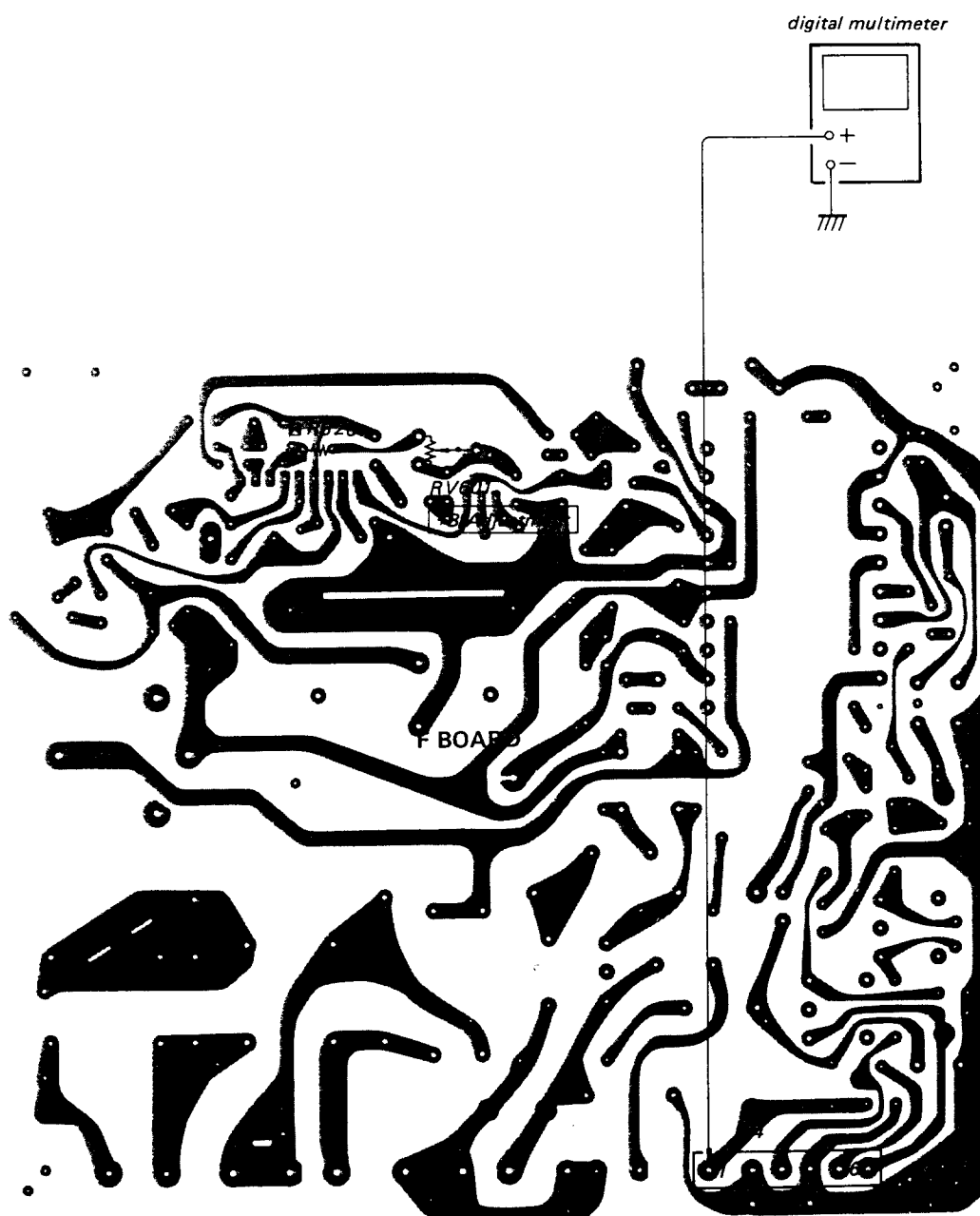
2-3. F BOARD ADJUSTMENT

+B MAX Check

- (1) Receive a dot signal.
- (2) Cut off the set.
- (3) Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.
- (4) Confirm that +B value is less than 112.0~125.0V.

+B Adjustment

- (1) Input a dot signal.
- (2) Set to reference state: PIC 80%, BRT 50%.
- (3) Adjust F board RV601 so that +B value is $109.0 \pm 0.5V$.



CVM-13700B

SONY[®] SERVICE MANUAL

UK Model

*Chassis No. SCC-488A-A
Serial No. 200,301 and later*

No. 1

September, 1983

SUPPLEMENT-1

SUBJECT: CIRCUIT MODIFICATIONS

This supplement is available for the set of Serial No. 200,301 and later.
File this supplement with the service manual.

INTRODUCTION

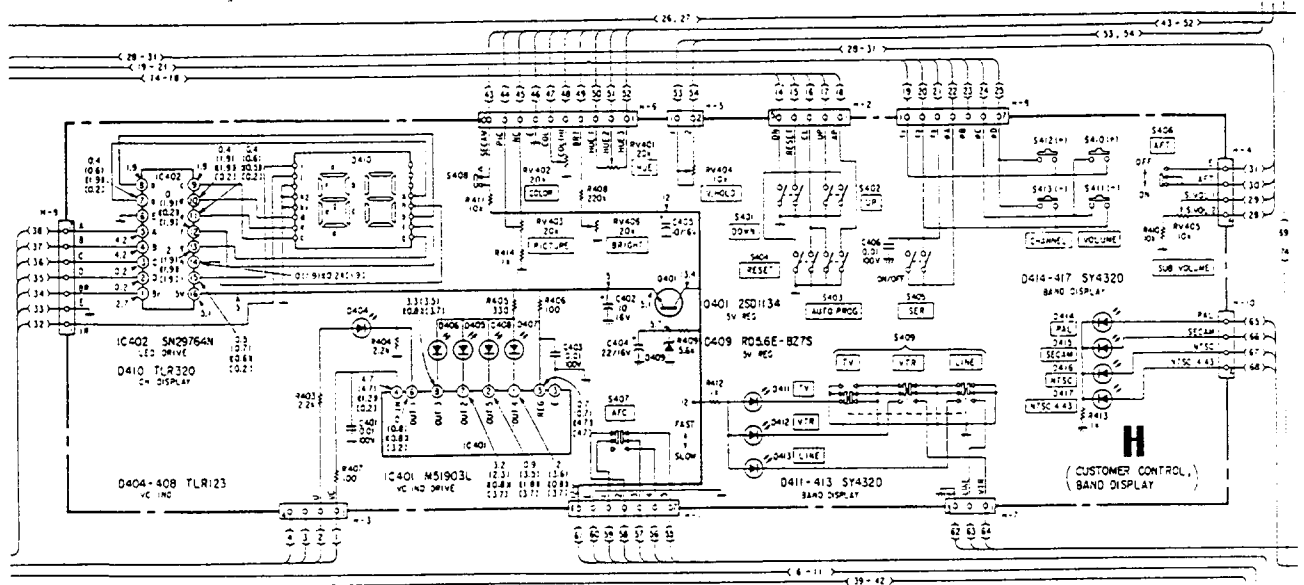
1. H board have been modified.
2. H board patterns have been modified.



MON

SECTION 3

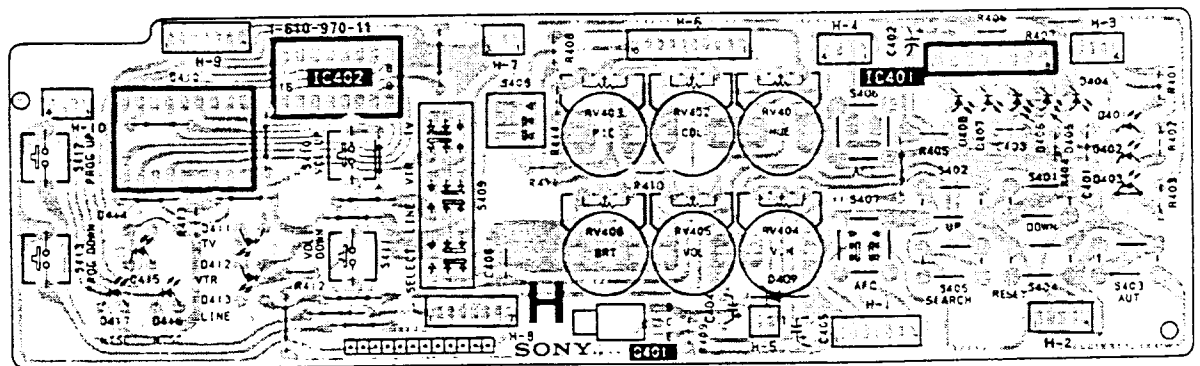
3-3. SCHEMATIC DIAGRAM: page 23, 24



3-4. PRINTED WIRING BOARDS

— Conductor Side —

H BOARD: page 38



SECTION 5

H BOARD : page 59

♣:1-609-423-00 H BOARD

♣:1-610-970-11 H BOARD

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SONY SERVICE / ADJUSTMENT MANUAL

UK Model

Chassis No. SCC-488A-A

February, 1984

CORRECTION-1

File this correction-1 with the service manual.

 : corrected portion

1. SECTION 3 SCHEMATIC DIAGRAM: Page 29

