

PVM-1271Q

SERVICE MANUAL

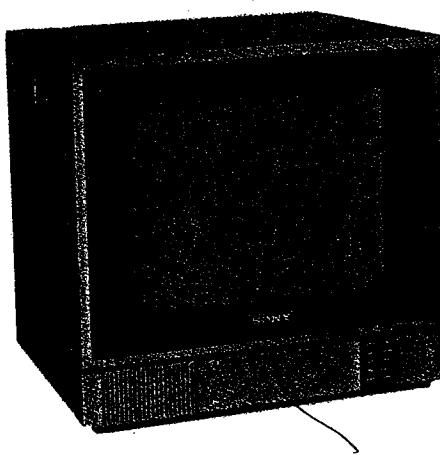
US Model

Chassis No. SCC-611A-A

US Model

Canadian Model

Chassis No. SCC-585A-A



October, 1984

SPECIFICATIONS

Color system	PAL, SECAM, NTSC and NTSC _{4.43} systems, switched automatically	Inputs	VIDEO IN : BNC connector VTR : 8-pin connector, Pin No. 2 (pin No. 6 : ground)	
Picture tube	Trinitron tube Approx. 33 cm (13 inches), 90-degree deflection, Super Fine Pitch 0.25 mm (Approx. 31 cm picture measured diagonally)		composite 1 Vp-p ±6 dB, sync negative, 75 ohms and high impedance switchable	
Resolution	RGB inputs : 600 lines, 640 × 200 dots Composite input : 550 lines		AUDIO IN : mini jack VTR : 8-pin connector, Pin No. 1 (pin N 5 : ground) -5 dBs, high impedance	
Color temperature	PVM-1271Q : 9,300°K PVM-1371QM : 6,500°K (Can be changed to either temperature by an internal switch. For switching of the color temperature, consult your authorized Sony dealer.)		EXT SYNC IN : BNC connector composite sync 2 - 8 Vp-p, negative, 75 ohms and high impedance switchable	
Frequency response	10 MHz (-3 dB, RGB) 5.5 MHz (-3 dB, composite video)		RGB IN : BNC connector 0.7 Vp-p, ±6 dB, 75 ohms, non composite	
Horizontal linearity	±8%		AUDIO (RGB) IN : mini jack -5 dBs, high impedance	
Vertical linearity	±5%		CMPTR : 25-pin connector For details, see "CMPTR connector"	
Line pull range	Horizontal ±500 Hz Vertical 8 Hz	Outputs	VIDEO OUT : BNC connector AUDIO OUT : mini jack Output level 1 W	
Overscan of the picture	5%		EXT SYNC OUT : BNC connector RGB OUT : BNC connector	
Underscan of the picture	9%		AUDIO (RGB) OUT : mini jack Loop-through	
Return loss	4 MHz, 35 dB (LINE A, LINE B)	Power requirements	PVM-1271Q : 120 V ac, 50/60 Hz PVM-1371QM : 220 - 240 V ac, 50/60 Hz	
Zooming	Within 2%		PVM-1271Q : 105 W PVM-1371QM : 90 W	
Convergence	Central area 0.6 mm Periphery 0.8 mm	Power consumption	Approx. 346 × 330 × 387 mm (w/h/d) (13 ⁵ / ₈ × 13 × 15 ¹ / ₄ inches)	
Brightness	More than 35 foot-lamberts	Dimensions	Weight	Approx. 14.5 kg (31 lb 15 oz)

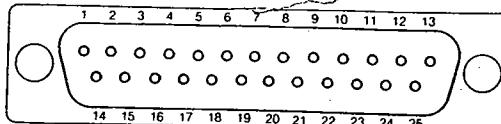
TRINITRON®
COLOR VIDEO MONITOR
SONY®



MICROFILM

MON

CMPTR connector (25-pin)
Pin assignment



Pin No.	Signal	Signal level
1 *	IBM select	High state (5 V): IBM mode Low state: 3 Bit TTL
2	Audio select	High state (5 V or open): Audio inputs from pin 13. Low state (less than 0.4 V): Audio inputs from the LINE A AUDIO IN jack
3	H. sync or composite sync	Negative polarity When the high state is selected at pin 9: 1 V p-p, 75-ohm terminated When the low state is selected at pin 9: TTL level
4	Blue input	Positive polarity When the high state is selected at pin 9: Analog signal (0.7 V p-p, 75-ohm terminated, non sync) When the low state is selected at pin 9: Digital signal (TTL level)
5	Green input	
6	Red input	
7	+ 12 V power supply	0.3 A max
8	+ 5 V power supply	0.6 A max
9 *	Analog/digital mode select	High state (open): Analog signal (0.7 V p-p) Low state (ground): Digital signal (TTL level)
Pin No.	Signal	Signal level
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from a microcomputer Low state (ground): Composite video inputs from the LINE A VIDEO IN connector
11	V-sync	Negative polarity TTL level
12	Blanking	High state (5 V or open): Video inputs from a microcomputer only Low state (ground): Composite video input from the LINE A VIDEO IN connector During the low state, the video signal from the microcomputer is blanked and the composite video signal from the LINE A VIDEO IN connector is superimposed over the signal from the microcomputer.
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k ohms
14	EXT/INT mode sync switch	High state (open): Sync signal input from the CMPTR connector Low state: Sync signal input from the LINE A VIDEO IN connector
15-24	Ground	
25 *	IBM luminance signal	Positive polarity When the high state is selected at pin 1: TTL level When the low state is selected at pin 1: Low state (ground)

* Examples for microcomputer connections

Microcomputer	Pin No.	1	9	25
SMC-70/SMC-70G	—	High state	—	
IBM computer	High state	Low state	IBM luminance signal	
TTL 3BIT computer	Low state	Low state	Low state	

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.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cord for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the condition of the monopole antenna (if any).
Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
9. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

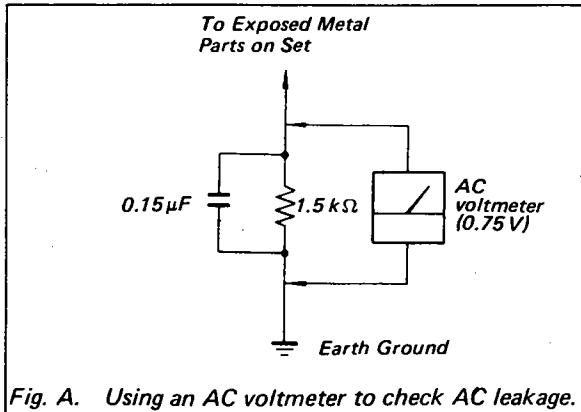


Fig. A. Using an AC voltmeter to check AC leakage.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60–100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

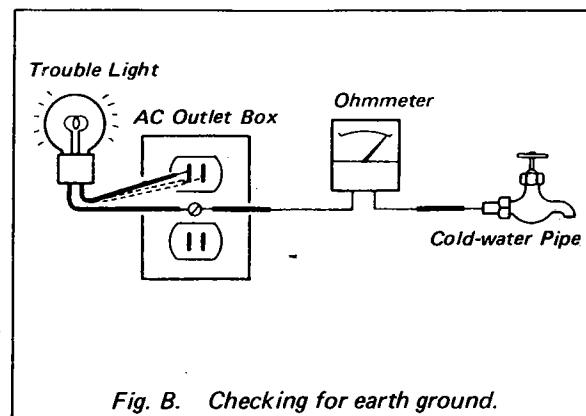


Fig. B. Checking for earth ground.

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>	<u>Section</u>	<u>Title</u>	<u>Page</u>
1. GENERAL					
1-1. Features	5	3-3. Circuit Adjustments	23		
1-2. Precautions	5	3-3-1. D Board Adjustments	23		
1-3. Location of Controls	6	3-3-2. B Board Adjustments	27		
1-4. Function of Controls	7	3-3-3. Q Board Adjustments	31		
1-5. System Connections	9	4. DIAGRAMS			
2. DISASSEMBLY					
2-1. Cabinet Ass'y Removal	12	4-1. Block Diagram	35		
2-2. B Board Removal	12	4-2. Circuit Boards Locating	38		
2-3. Chassis Ass'y Removal	13	4-3. Waveforms	39		
2-4. F board Removal (1)	14	4-4. Schematic Diagram	43		
2-5. F board Removal (2)	14	4-5. Printed Wiring Boards	51		
2-6. Picture Tube Removal	15	B Board	51		
3. ADJUSTMENTS					
3-1. Setup Adjustments	16	D Board	52		
3-1-1. Beam Landing	16	Q Board	54		
3-1-2. Convergence	17	H Board	55		
3-1-3. Focus	17	C ₁ Board	56		
3-1-4. White Balance	18	C ₂ Board	57		
3-2. Safety Related Adjustments	20	F and F ₂ Boards	58		
5. EXPLODED VIEWS					
6. ELECTRICAL PARTS LIST 63					
4-6. Semiconductors	59				
5-1. Cabinet	60				
5-2. Bezel	61				
5-3. Chassis	62				

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.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ !!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MARQUE  SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIÈCES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÈCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIÉS DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

SECTION 1

GENERAL

1-1. FEATURES

High-resolution picture

The Super Fine Pitch Trinitron picture tube (0.25 mm aperture grill) gives high resolution (composite: 550 lines, RGB: 650 lines) picture. When used as a character display, up to 2000 characters (80 characters/line × 25 lines) can be displayed with great clarity.

Analog/digital RGB input

Analog RGB and digital (TTL level) RGB input signals can be fed to the RGB input connectors (BNC type and 25-pin multi connectors), which allows a microcomputer or a data information system such as teletext, to be connected to this monitor.

Receives 4 TV broadcasting standards

This monitor can receive PAL, SECAM, NTSC and NTSC_{4.43}* signals. The appropriate broadcasting standard is selected automatically.

Colorpure Filter

When NTSC video signals are received, a colorpure filter activates to increase the resolution about 35%, resulting in fine picture detail without color spill or color noise.

Underscan mode

The signal normally scanned outside of the screen can be monitored in the underscan mode.

Automatic frequency control

The incoming sync timing error compensation speed can be set to fast or slow, according to the input signal. In the slow mode, the jitter from a video tape recorder can be easily monitored.

Superimposition of a picture from a microcomputer on a picture from video equipment

When a Sony SMC-70 or SMC-70G microcomputer, an SMI-7073 superimposer and video equipment such as a video disc player are used together with this monitor, a picture from the microcomputer can be superimposed on a picture from the video equipment.

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

By using an optional MB-502 mounting bracket, the PVM-1271Q/1371QM can be mounted in an EIA standard 19-inch rack. An optional SLR-102 slide rail is also available.

For mounting details, see the appropriate instruction manual.

1-2. PRECAUTIONS

On safety

- Check that the operating voltage of your unit is identical with the voltage of your local power supply.
- Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for several days.
- To disconnect the ac power cord, pull it out by the plug. Never pull the cord itself.

On installation

- Allow adequate air circulation to prevent internal heat build-up.
- Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.
- Do not install the unit in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.

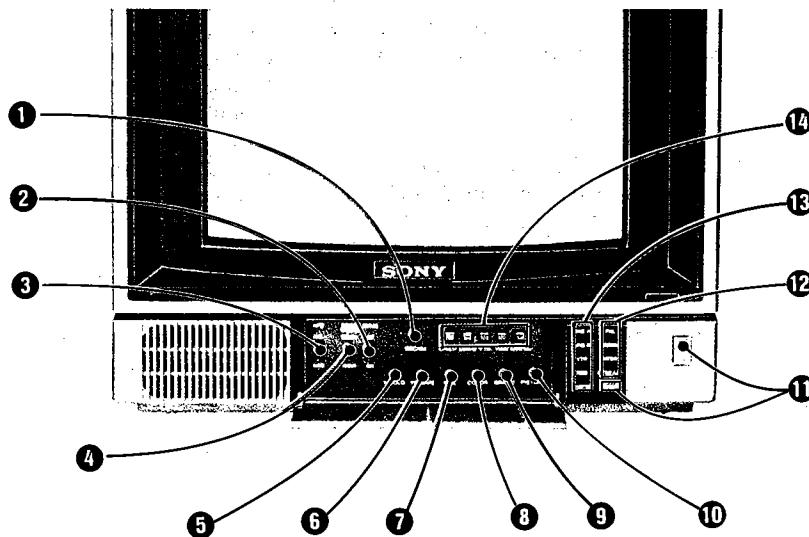
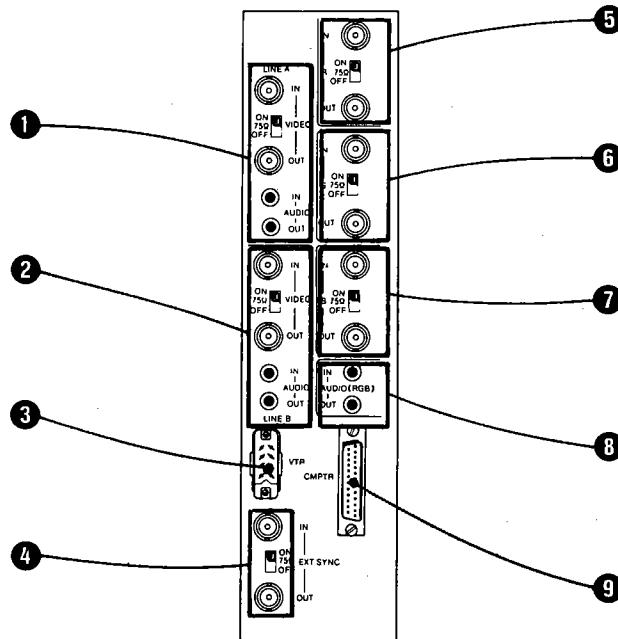
On cleaning

To keep the unit looking brand-new, periodically clean it with a soft cloth. Stubborn stains may be removed with a cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner or benzine, or abrasive cleansers since these will damage the cabinet. As a safety precaution, unplug the unit before cleaning it.

On repacking

Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it as illustrated on the carton.

If you have any questions about this unit, contact your authorized Sony dealer.

1-3. LOCATION OF CONTROLS**Front panel****Rear panel**

1-4. FUNCTION OF CONTROLS

FRONT PANEL

① SECAM button

Press this button when a picture from SECAM color sources is distorted. The picture will become clear.

② SYNC select switch

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

③ AFC (automatic frequency control) switch

Select the AFC operation in the fast mode or slow mode.
FAST: incoming sync timing errors are compensated for.

Normally, set this switch to this position.

SLOW: incoming sync timing errors are displayed on the screen.
This mode is used to monitor the jitter from a VTR.

④ SCAN MODE select switch

Normal scanning or under scanning is achieved by proper setting of the SCAN MODE select switch. Set to NORMAL for normal scanning, or to UNDER for viewing a picture which does not appear in normal scanning. Under scanning reduces the display size by about 9%.

⑤ V HOLD (vertical hold) control

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

⑥ VOLUME control

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

⑦ HUE control

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

⑧ COLOR control

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

⑨ BRIGHT (brightness) control

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

⑩ PICTURE control

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

⑪ POWER switch and indicator

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

⑫ Color system indicators

Indicate the color system of the input video signal.

⑬ Input indicators

Illuminate to indicate the input select button pressed.

⑭ Input select buttons

Press to select the program to be monitored.

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

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

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

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

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

REAR PANEL**① LINE A ② LINE B**

Two groups (A and B) of line input connectors for the composite video and audio signals and their loop-through output connectors.

To monitor the input signals to these connectors, press the LINE A or LINE B input select button on the front panel.

VIDEO IN connector (BNC type)

Connect to the video output of a video equipment, such as a VTR or a color video camera. For a loop-through connection, connect to the video output of another monitor.

VIDEO OUT connector (BNC type)

Loop-through output of the VIDEO IN connector. Connect to the video input of a VTR or another monitor.

AUDIO IN jack (mini)

Connect to the audio output of a VTR or to a microphone via a suitable microphone amplifier. For a loop-through connection, connect to the audio output of another monitor.

AUDIO OUT jack (mini)

Loop-through output of the AUDIO IN jack. Connect to the video input of a VTR or another monitor.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON. When both the VIDEO IN and VIDEO OUT connectors are used together for loop-through connection, set this switch to OFF.

③ VTR connector (8-pin)

Line input for the video and audio signals. When connected with the 8-pin TV connector of a VTR, the video and audio playback signal from the VTR can be connected with a single cable.

To monitor the input signal to this connector, press the VTR input select button on the front panel.

● For connection, use an optional video cable VMC-3P (3 m, 9 feet), -5P (5 m, 15 feet) or -10P (10 m, 33 feet).

④ EXT SYNC (external sync)**IN connector (BNC type)**

When this monitor operates on an external sync signal, connect the reference signal from a sync generator here.

OUT connector (BNC type)

Loop-through output of the EXT SYNC IN connector. Connect to the external sync input of video equipment to be synchronized with this monitor.

75-ohm termination switch

When only the EXT SYNC IN connector is used (nothing is connected to the EXT SYNC OUT connector), set this switch to ON.

When both the EXT SYNC IN and EXT SYNC OUT connectors are used together for a loop-through connection, set this switch to OFF.

⑤ R ⑥ G ⑦ B ⑧ AUDIO (RGB)

Analog RGB and audio input connectors and their loop-through output connectors.

To monitor the input signal to these connectors, press the RGB input select button on the front panel.

R/G/B IN connectors (BNC type)

Connect a character generator, microcomputer or video camera having RGB outputs here.

R/G/B OUT connectors (BNC type)

Loop through output of the R/G/B IN connectors. Connect to the RGB inputs of another monitor here.

75-ohm termination switch

When only the R/G/B IN connector is used (nothing is connected to the R/G/B OUT connector), set this switch to ON. When both the R/G/B IN and R/G/B OUT connectors are used together for a loop-through connection, set this switch to OFF.

AUDIO (RGB) IN jack (mini)

Connect the audio output of the equipment connected to the R/G/B IN connectors here.

AUDIO (RGB) OUT jack (mini)

Loop-through output of the AUDIO (RGB) IN jack.

⑨ CMPTR (computer) connector (25-pin)

Connect with a microcomputer having a digital (TTL level) or analog RGB video output.

To monitor the input signal to this connector, press the CMPTR input select button on the front panel.

Color temperature selection

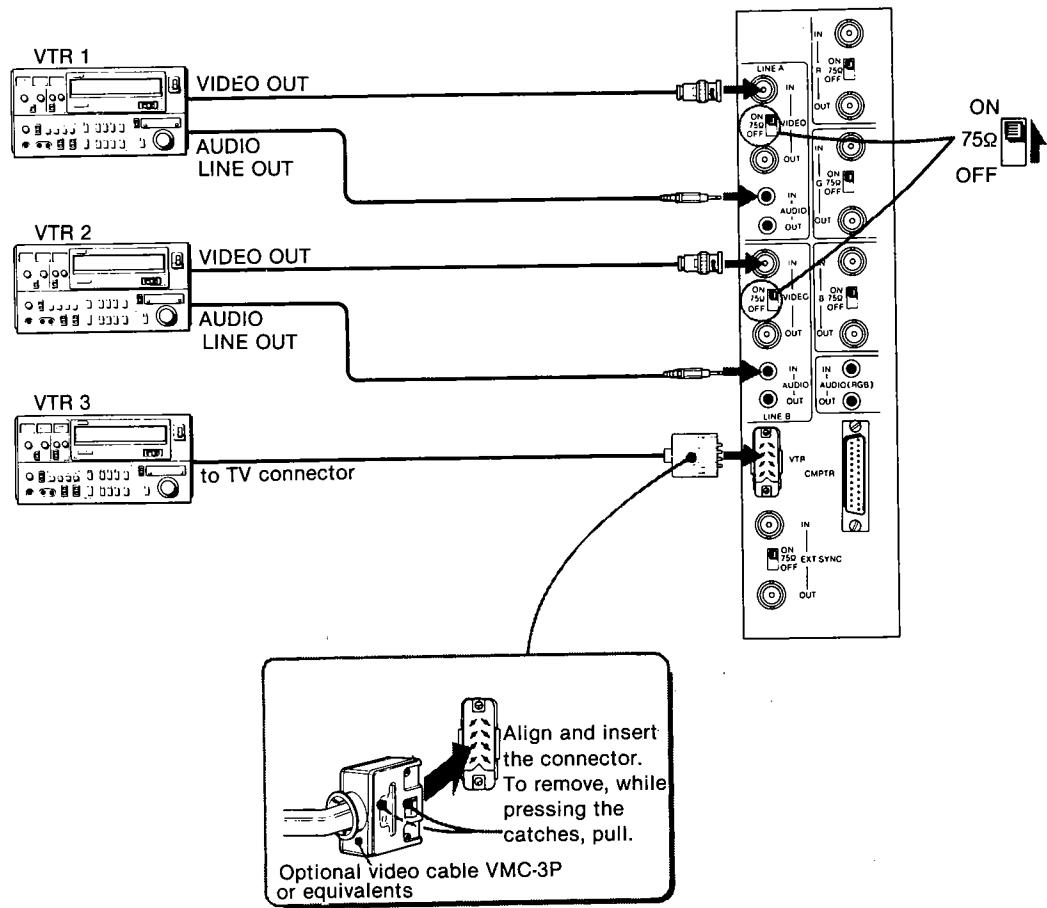
The color temperature of the PVM-1271Q has been preset at the factory to 9,300°K, and can be changed to 6,500°K.

The color temperature of the PVM-1371QM has been preset to 6,500°K, and can be changed to 9,300°K.

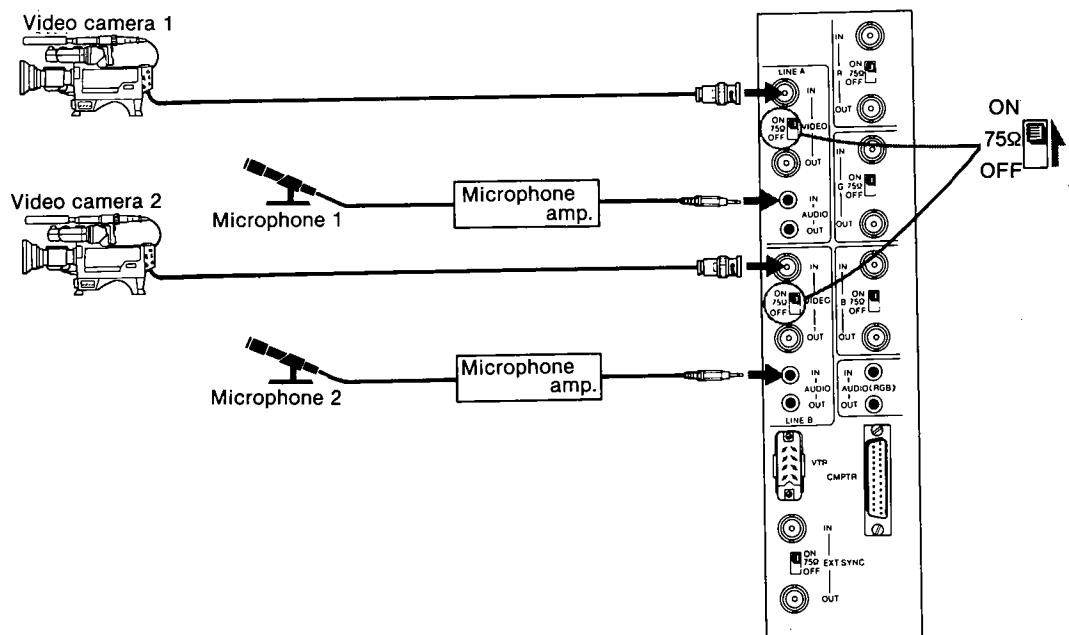
If the switching of the color temperature is required, consult your authorized Sony dealer.

1-5. SYSTEM CONNECTIONS

CONNECTING A VTR

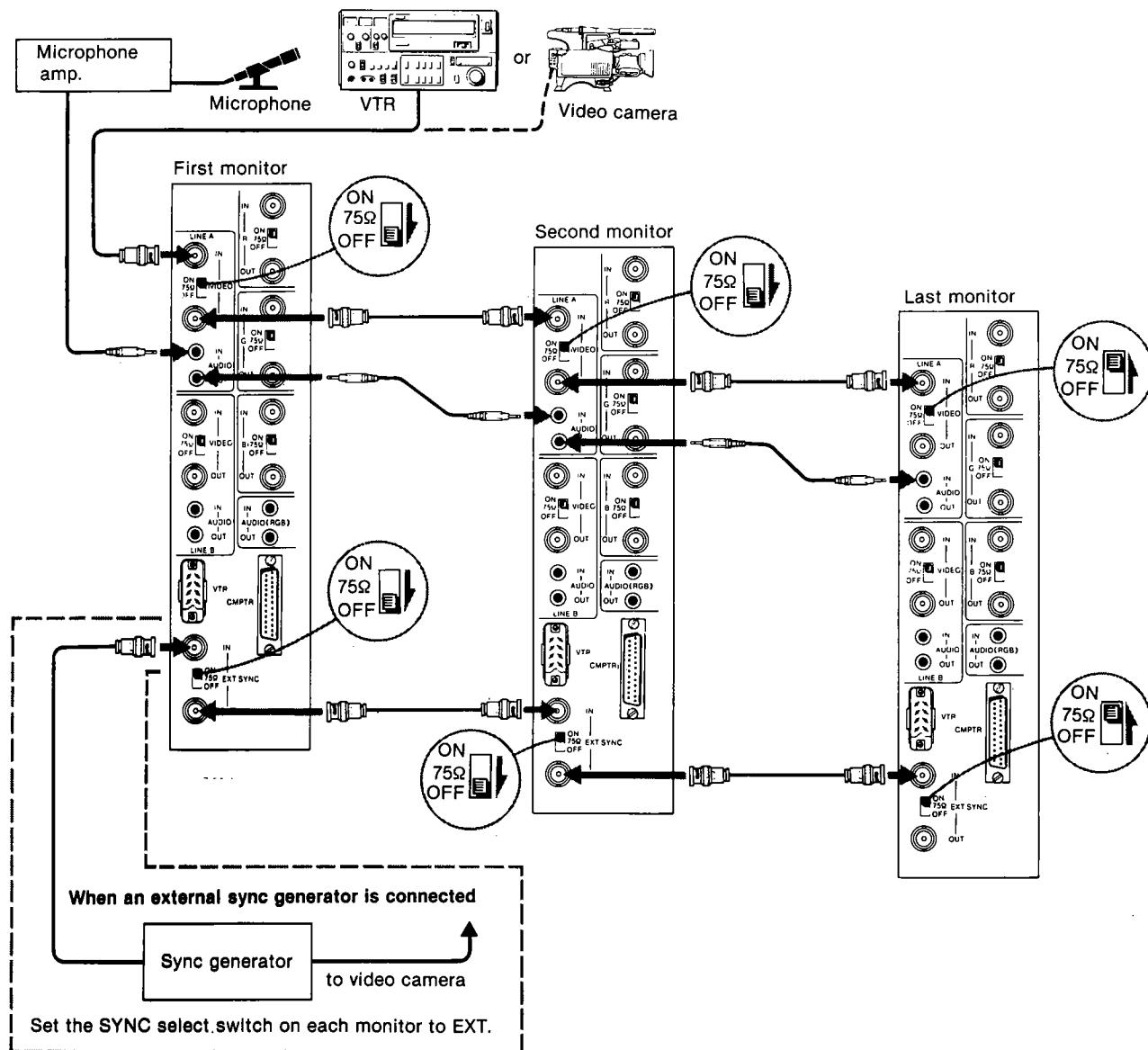


CONNECTING A CAMERA AND A MICROPHONE

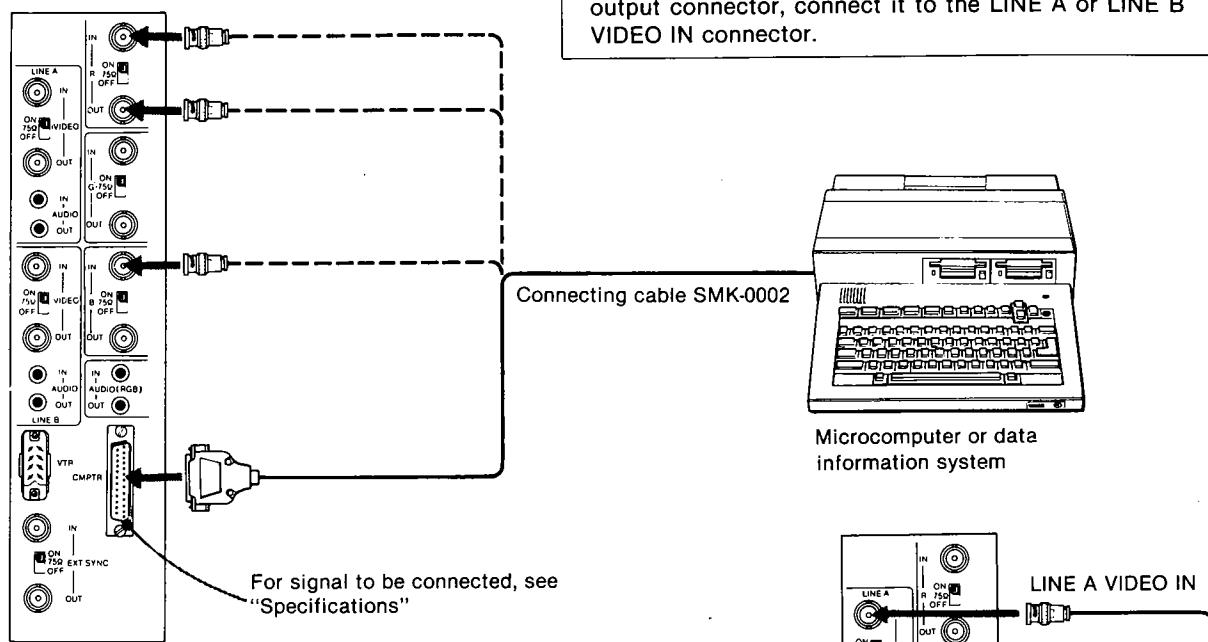


CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on other monitors. Use the video/audio input and output connectors of LINE A or LINE B to connect the monitors. Up to 10 monitors can be connected. Set the 75-ohm termination switch of the last monitor to ON and that of the other monitors to OFF.



CONNECTING A MICROCOMPUTER OR A TERMINAL FOR DATA INFORMATION SYSTEM

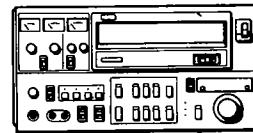


SUPERIMPOSING A PICTURE FROM A MICROCOMPUTER OVER A PICTURE FROM A VIDEO EQUIPMENT OR MIXING THESE TWO PICTURES

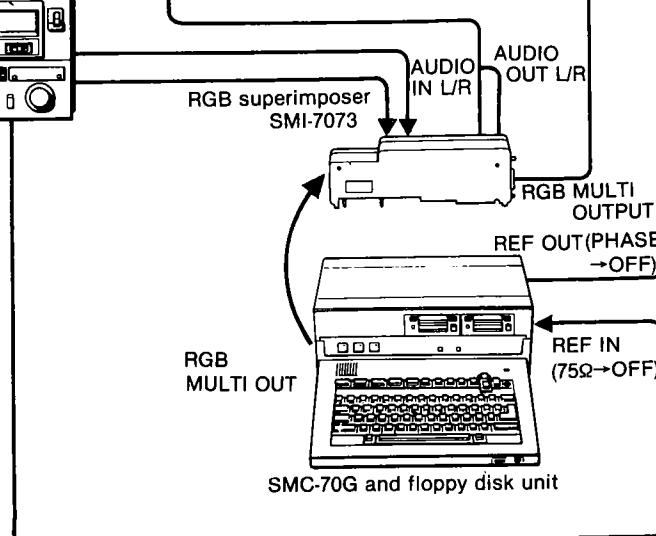
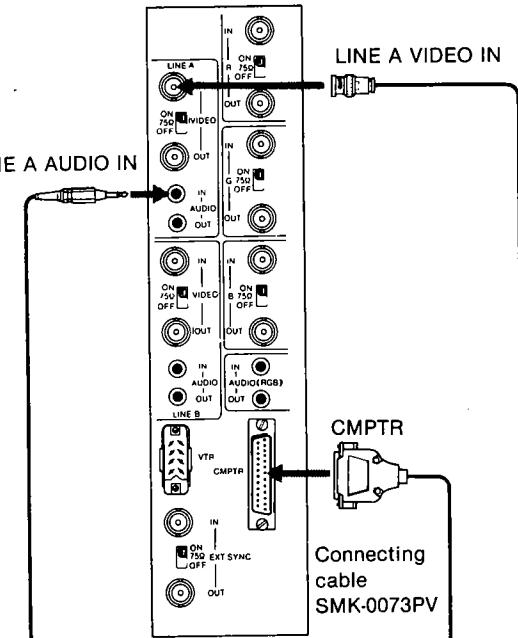
Using the Sony SMI-7073 superimposer, a picture from a microcomputer can be superimposed on this monitor's screen over a picture from video equipment.

When the SMC-70 microcomputer is used, superimposition of pictures from a video disc player and from the SMC-70 is possible. When the SMC-70G microcomputer is used, superimposition of pictures from the SMC-70G and video equipment in addition to a video disc player, such as a video camera or a VTR, is possible.

VTR, video disc player,
video camera, etc.



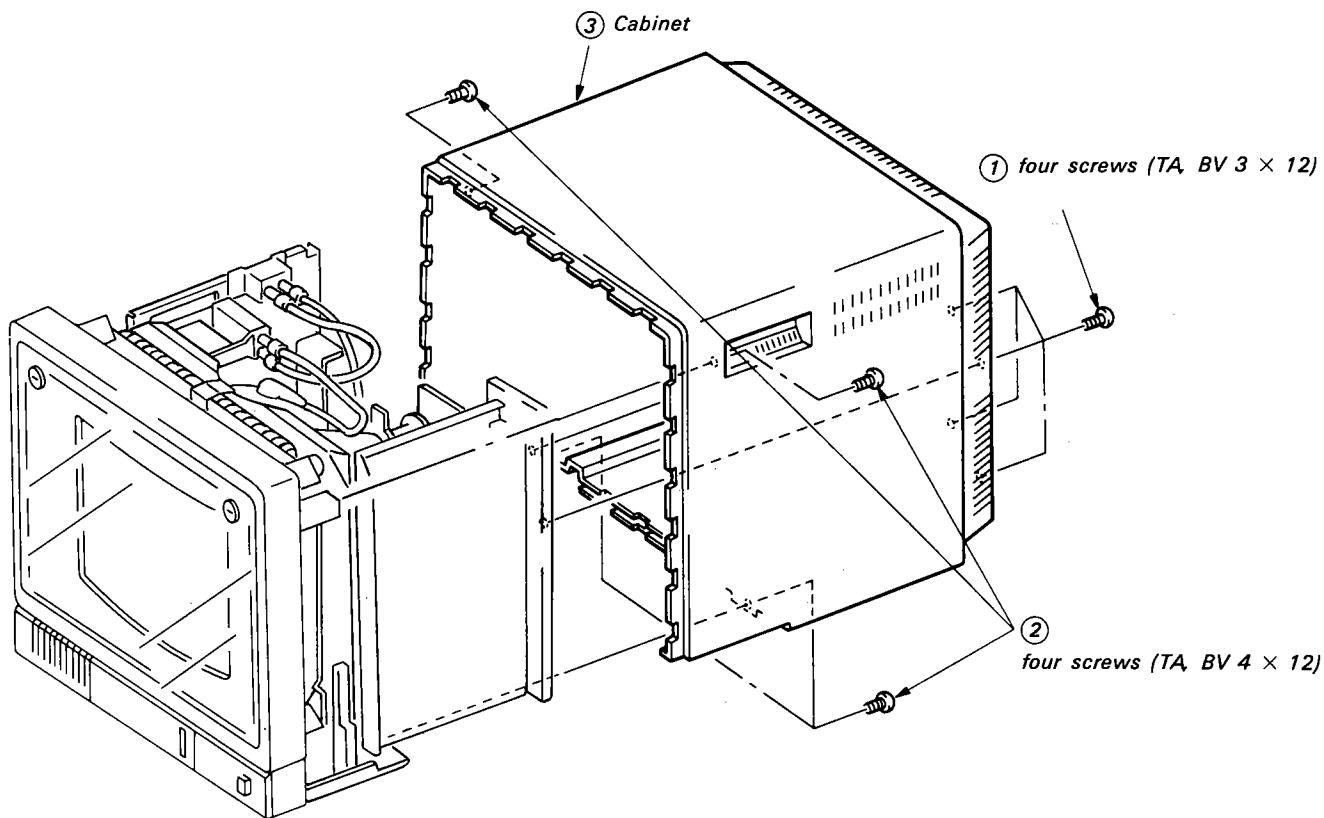
Video output



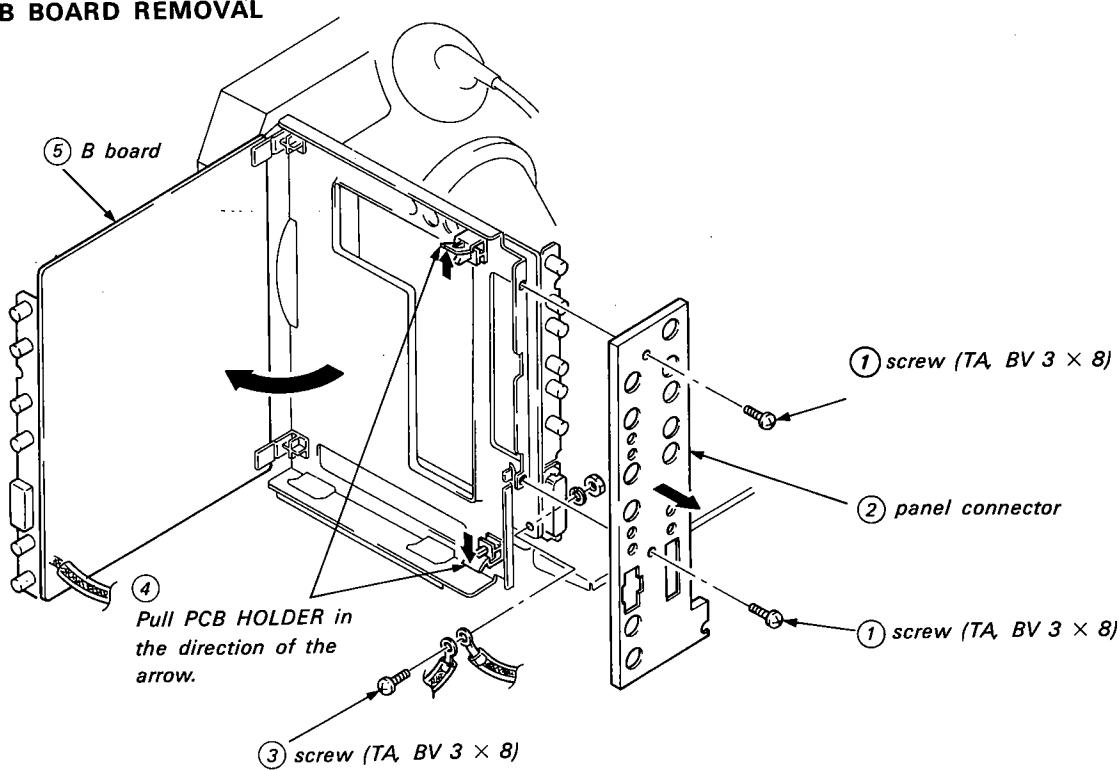
SECTION 2

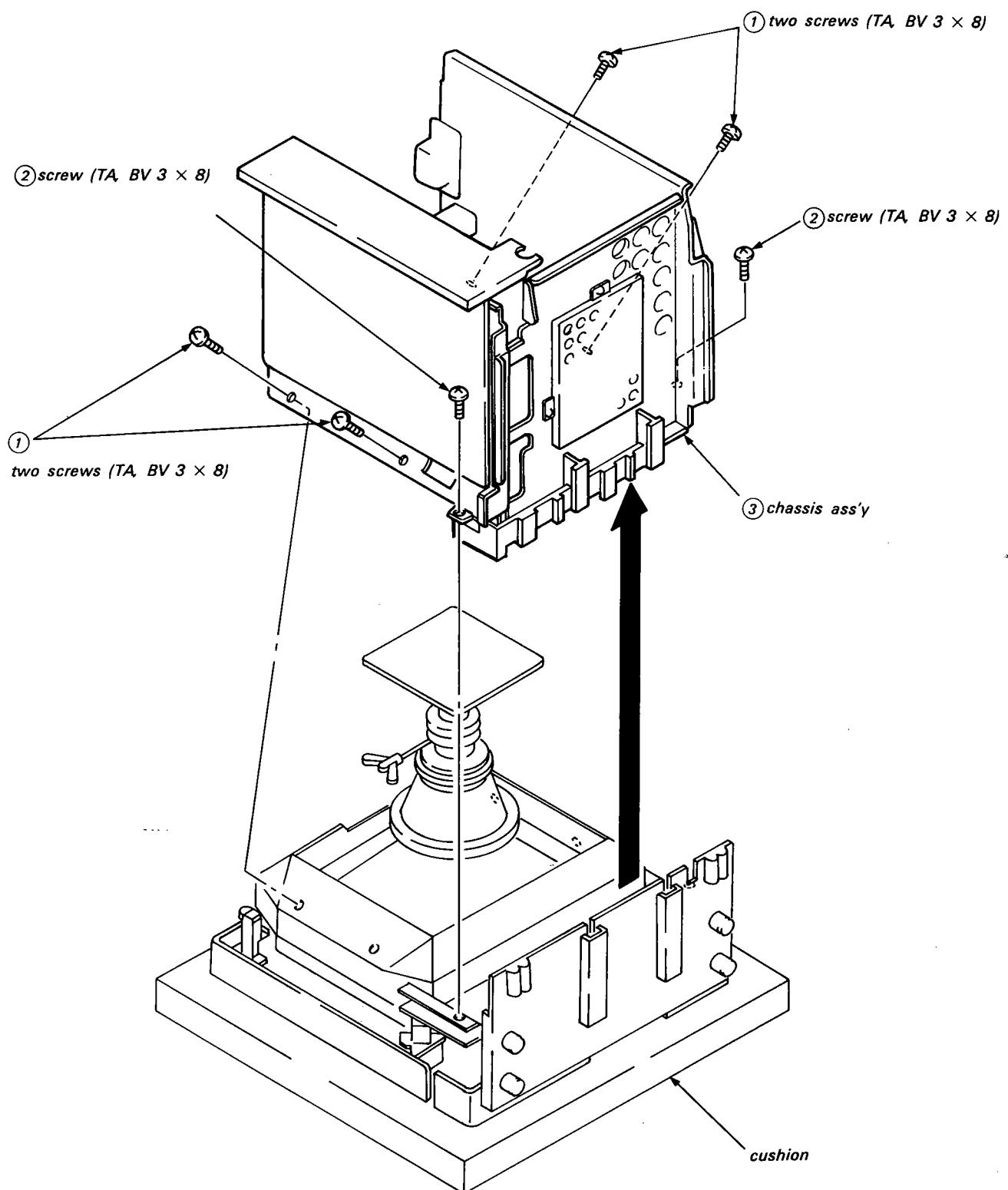
DISASSEMBLY

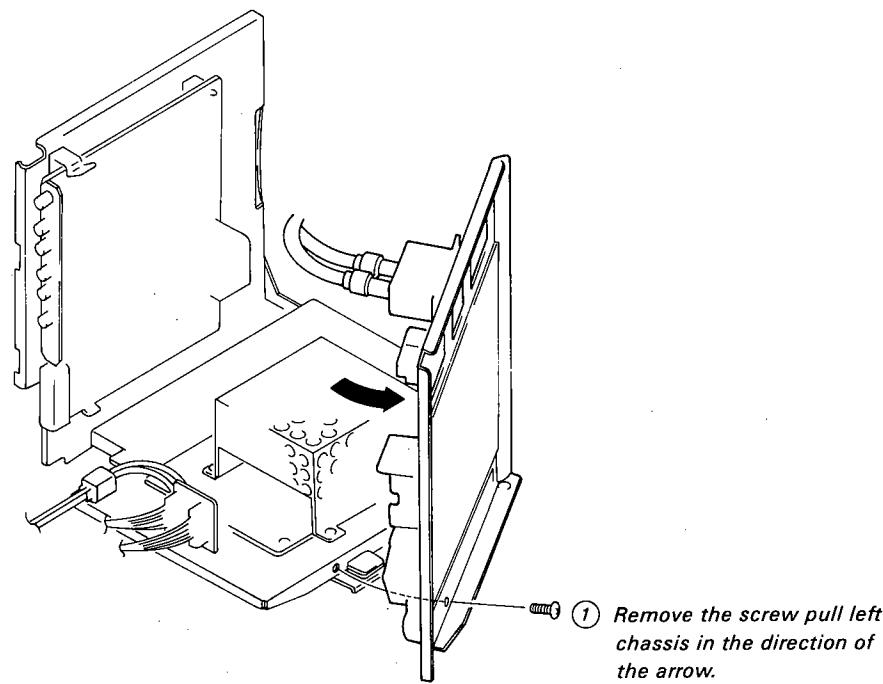
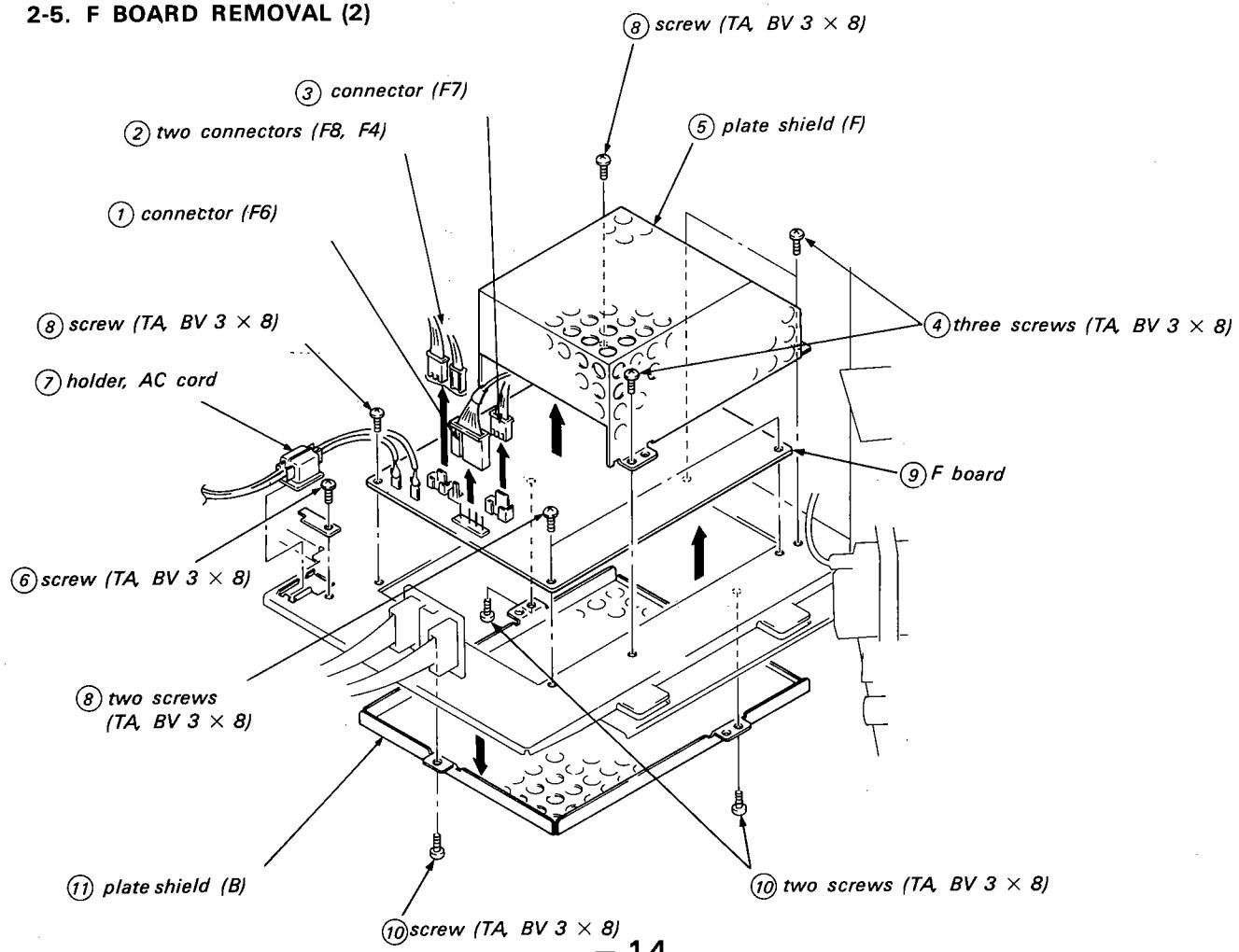
2-1. CABINET ASS'Y REMOVAL



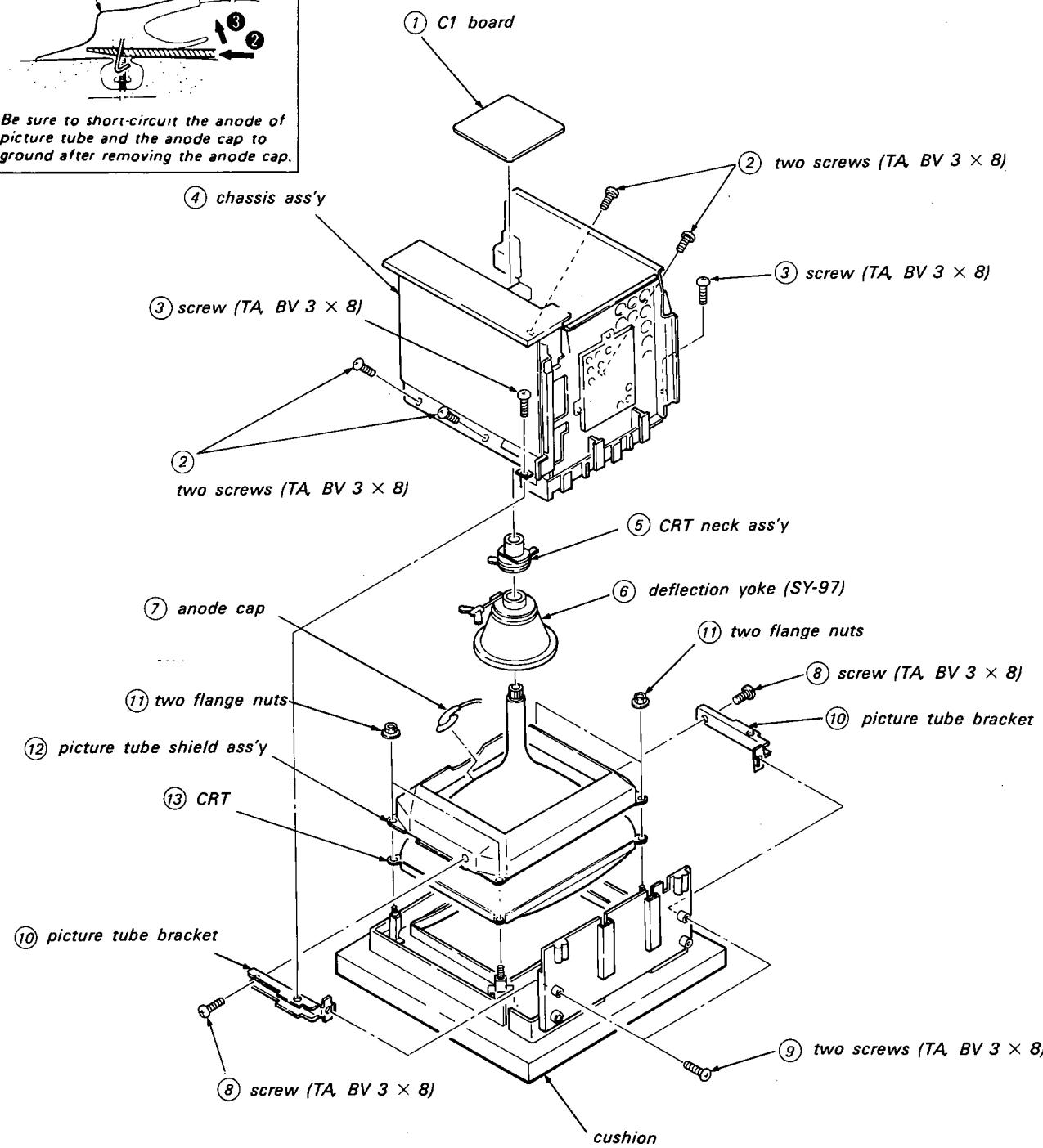
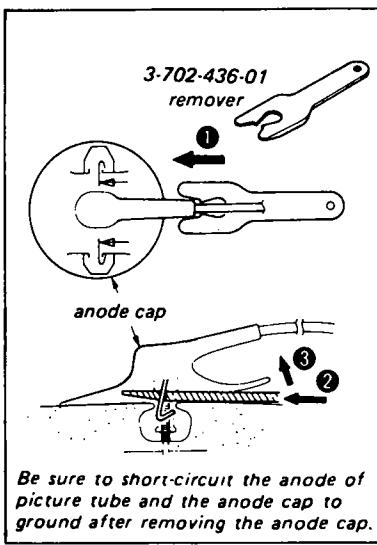
2-2. B BOARD REMOVAL



2-3. CHASSIS ASS'Y REMOVAL

2-4. F BOARD REMOVAL (1)**2-5. F BOARD REMOVAL (2)**

2-6. PICTURE TUBE REMOVAL



SECTION 3

ADJUSTMENTS

3-1. SETUP ADJUSTMENTS

3-1-1. BEAM LANDING

Landing Adjustment In the case of a 6,500°K color temperature, the number of VRs to be adjusted will differ.

- (1) Turn on set power supply and receive and all-white signal.
- (2) Evenly degauss the entire screen.
- (3) Loosen the deflection yoke mounting screw, and set the purity control to the center as shown in Fig. 3-1.
- (4) Set BKG volume RV706 (R) to maximum and set RV704 (G) and RV702 (B) to minimum.
- (5) Move the deflection yoke back, and adjust the purity control so that (R) is in the center and (G) and (B) are at the sides, evenly. (Fig. 3-2)
- (6) Move the deflection yoke forward so that the entire screen is R.
- * If the deflection yoke is pushed all the way to the CRT then moved slightly back, landing adjustment is easier.
- (7) Substitute (R), then (B) for (G) in step (4) and check landing.
- (8) Rotate (R), (G) and (B) once each and check landing.
- (9) When landing is not right, adjust the purity control and use magnets as shown in Fig. 3-3, then repeat steps (7) and (8).
- (10) When a magnet is used, be sure to perform step (2), and tighten deflection yoke mounting screw loosely.

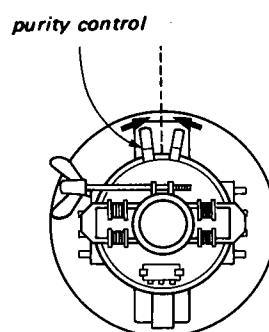


Fig. 3-1.

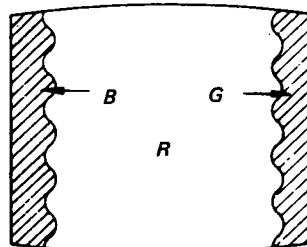


Fig. 3-2.

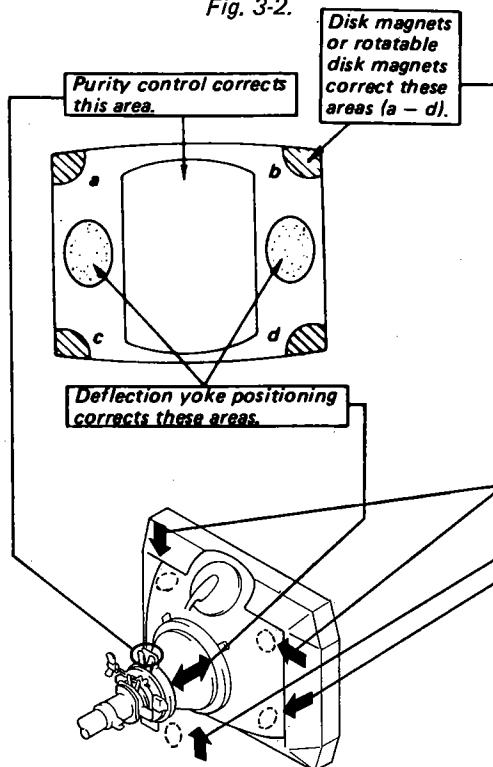
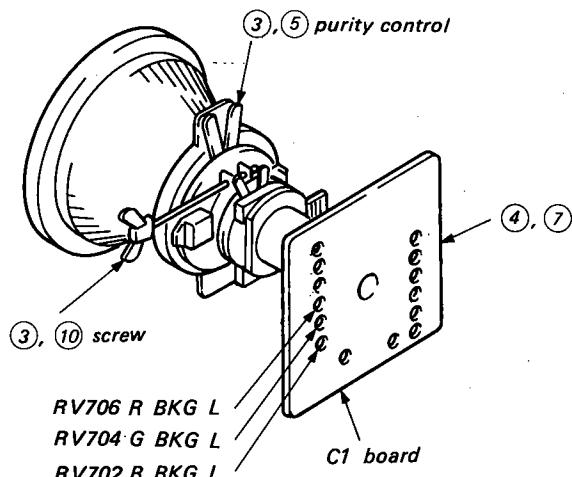


Fig. 3-3.



Note: The circled numbers (③-⑦ and ⑩) shown above steps.

ADJUSTMENT OF RGB WHITE BALANCE

Preparations:

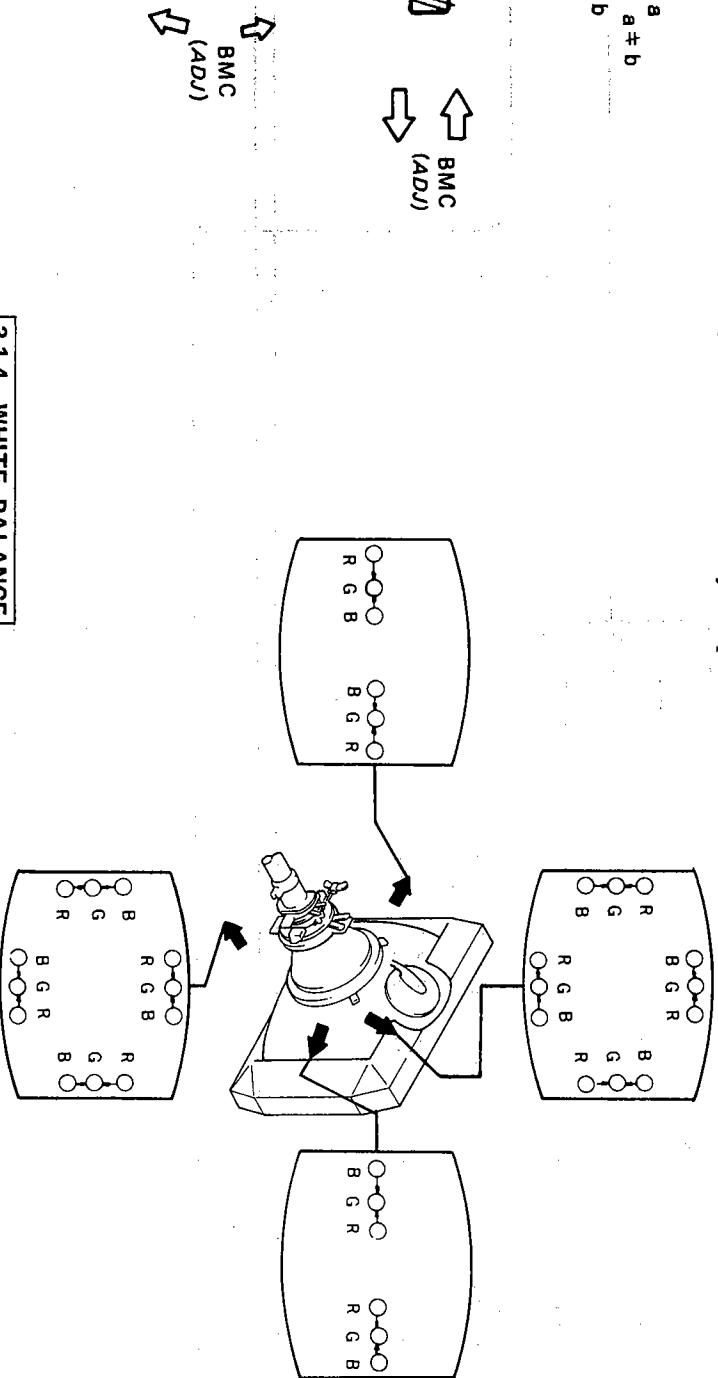
- 1) Connect the connector as shown in diagram.
(Chroma off of color bar signal)
- 2) Set the mode switching button on the control panel to "R.G.B." mode.
- 3) PICTURE VR (RV684) ... Maximum

4) Set the BRIGHTNESS VR (RV681) ... 50% at mechanical center
Confirm that pin ③ (green) of connector Q-4 is set at 1.8 VP-P.

5) Set the BRIGHTNESS VR (RV681) at 50% and PICTURE VR (RV684) at minimum size, and adjust with RV402 (BRT) so that the screen stripe to the second point counting from the right lights faintly.

Adjustment:

- 1) Set the chromatic temperature selection switch at 6500°K.
- 2) PICTURE VR (RV684) ... Minimum
- 3) Adjust the respective RGBs with BRT VR (RV403, RV404 and R405)
- 4) Raise the PICTURE VR (RV684) and confirm that there is no change in the chromatic temperature
- 5) Confirm by setting chromatic selection switch at 9300°K.



3-1-4. WHITE BALANCE

Preparations

Adjustment of Screen (G2)

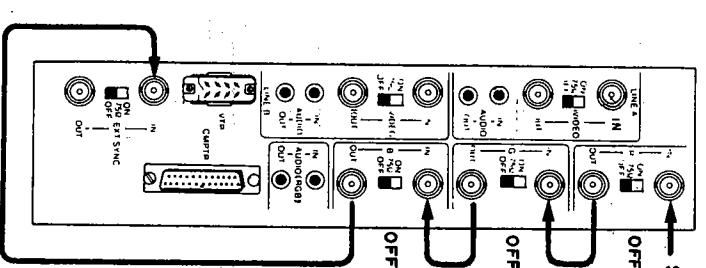
- 1) Make the picture into minimum size by receiving monoscope signal, and set the brightness at 50%. The G1 voltage at the time should be $5 \pm 1V$.
- 2) Adjust BKG VR (RV702, R704 and R706) so that R.G.B. Cathode voltage becomes 110V DC
- 3) Adjust with G2 VR (RV713) immediately prior to the disappearing of the luminescent line.

[For 9300°K Color Temperature:]

- 1) Receive a totally white signal from the pattern generator.
- 2) Attach an oscilloscope to the input point B (blue) of C1 board, and perform adjusting with RV107 (SUB CONT VR) so that the signal of the maximum size of picture will become 1.8V.

[For 6500°K Color Temperature:]

- 1) By turning bKG VR (RV702, 704, and 706) and drive VR (RV707, 709, and 711), make the same adjustment as in the 9,300°K color temperature mode.



3-2. SAFETY RELATED ADJUSTMENTS

HOLD DOWN 1 Adjustment (R829 Adjustment)

Be sure to perform this after replacing the parts below (marked on the schematic):

- R825, R826, R827, R828, R829, R830, R831, R832, R834, R842, R852, R863, R864, R865, R866, D803, D804, IC501, IC803, R833.

Note: The $\textcircled{1}$ pin of IC803 is the hold down check point \textcircled{A} .

Dissengage ABL terminal of FBT from the foil and connect the ammeter as shown to measure the ABL terminal current.

1. Feed in color-bar signal.
2. Set the BRIGHT, PICTURE & COLOR control to minimum. ($ABL = 70 \mu\text{A}$)

3. Confirm that the HOLD DOWN CIRCUIT operates and the raster disappears when $15.50^{+0.0}_{-0.10} \text{ V DC}$ is applied to hold down check point \textcircled{A} from an external DC power supply.

4. Confirm that the HOLD DOWN CIRCUIT does not operate when $14.80^{+0.10}_{-0.10} \text{ V DC}$ is applied to hold down check point \textcircled{A} from an external DC power supply.

5. Note: If the HOLD DOWN CIRCUIT operates, immediately cut input and applied voltage.

6. Feed in an MONOSCOPE signal and adjust ABL current to $570 \pm 50 \mu\text{A}$ with PICTURE, BRIGHT, etc. VRs.

7. Confirm that the HOLD DOWN CIRCUIT operates and the raster disappears when $14.50^{+0.10}_{-0.10} \text{ V DC}$ is applied to hold down check point \textcircled{A} from an external DC power supply.

Note: When raster disappears, cut input voltage and applied voltage immediately.

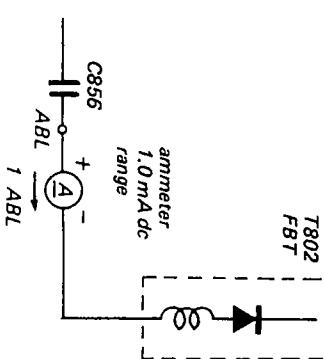
8. Confirm that the HOLD DOWN CIRCUIT does not operate when $13.50^{+0.10}_{-0.10} \text{ V DC}$ is applied to hold down check point \textcircled{A} from an external DC power supply.

Note: If the HOLD DOWN CIRCUIT operates, immediately cut input and applied voltage.

9. Adjust R829 so that steps 3, 4, 6 and 7 are satisfied.

10. Set the ABL terminal back to its original position.

11. Confirm that the voltage on pin $\textcircled{1}$ or IC803 is $10.6 - 14.3 \text{ V DC}$ at the normal condition.

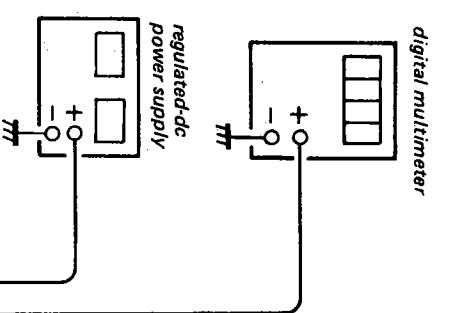


Disengage the ABL terminal of FBT from the foil by un-soldering and connect negative probe to the ABL PIN of FBT.

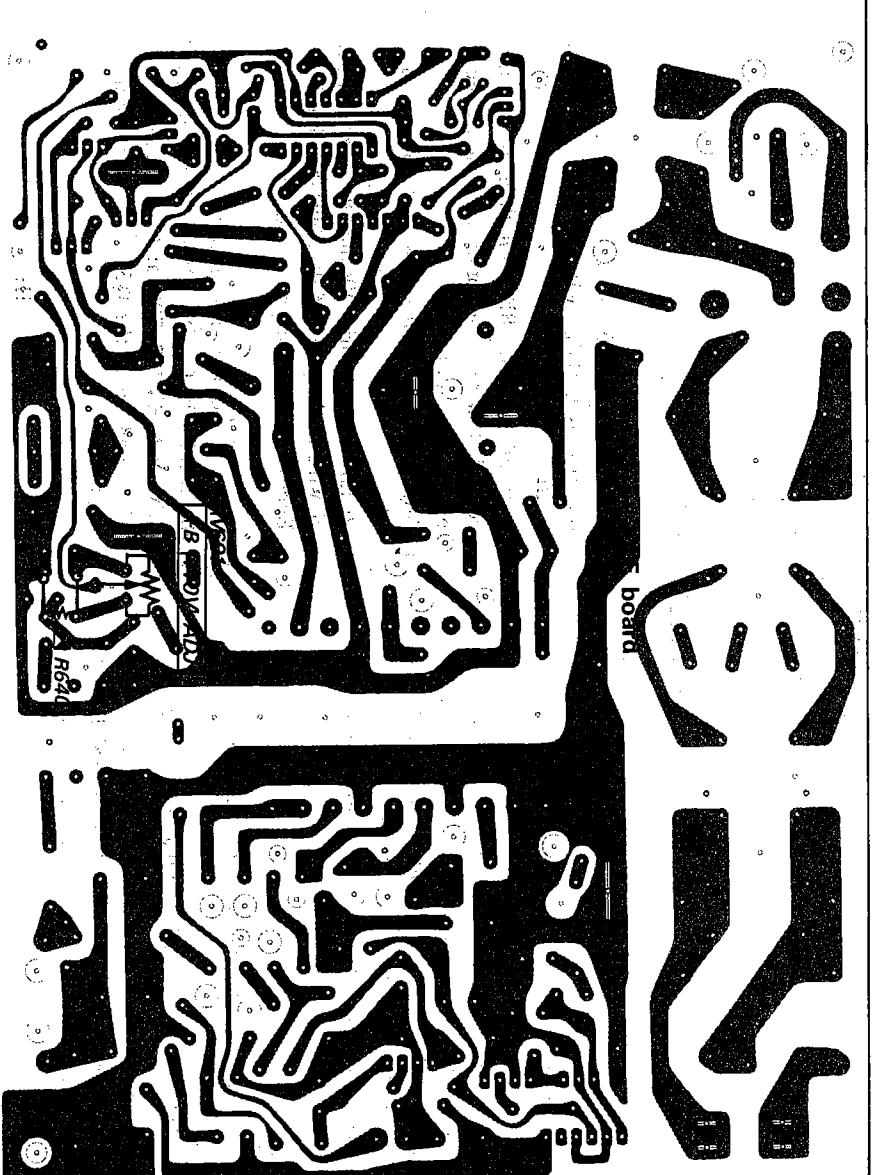
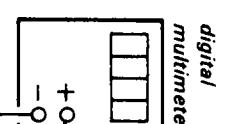
+B MAX Check (R640 Adjustment)

Be sure to perform this adjustment when replacing the following parts (marked on the schematic):

- R614, R615, R616, R622, R624, R632, R640, RV601, T603, T604, D608, D611, IC601.



1. Input a dot signal. Set PICTURE control at 80% and BRIGHT control at 50%.
2. Supply 100 V AC with variable auto-transformer.
3. Adjust RV601 on F board so that +B voltage is $109.0 \pm 0.5 \text{ V}$.
4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.
5. Confirm that +B value is less than 115.0 V .

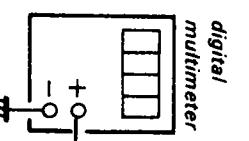


+B MAX Check (R640 Adjustment)

Be sure to perform this adjustment when replacing the following parts (marked on the schematic!):

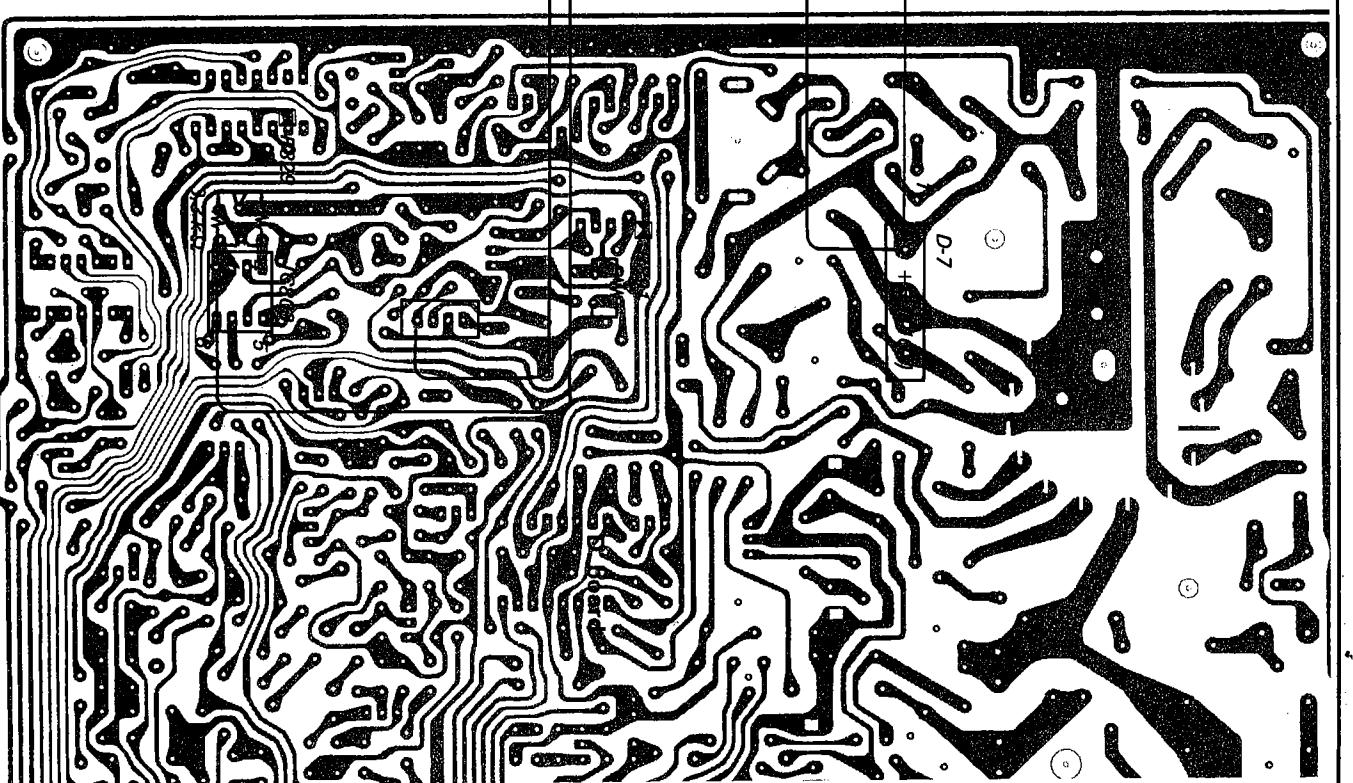
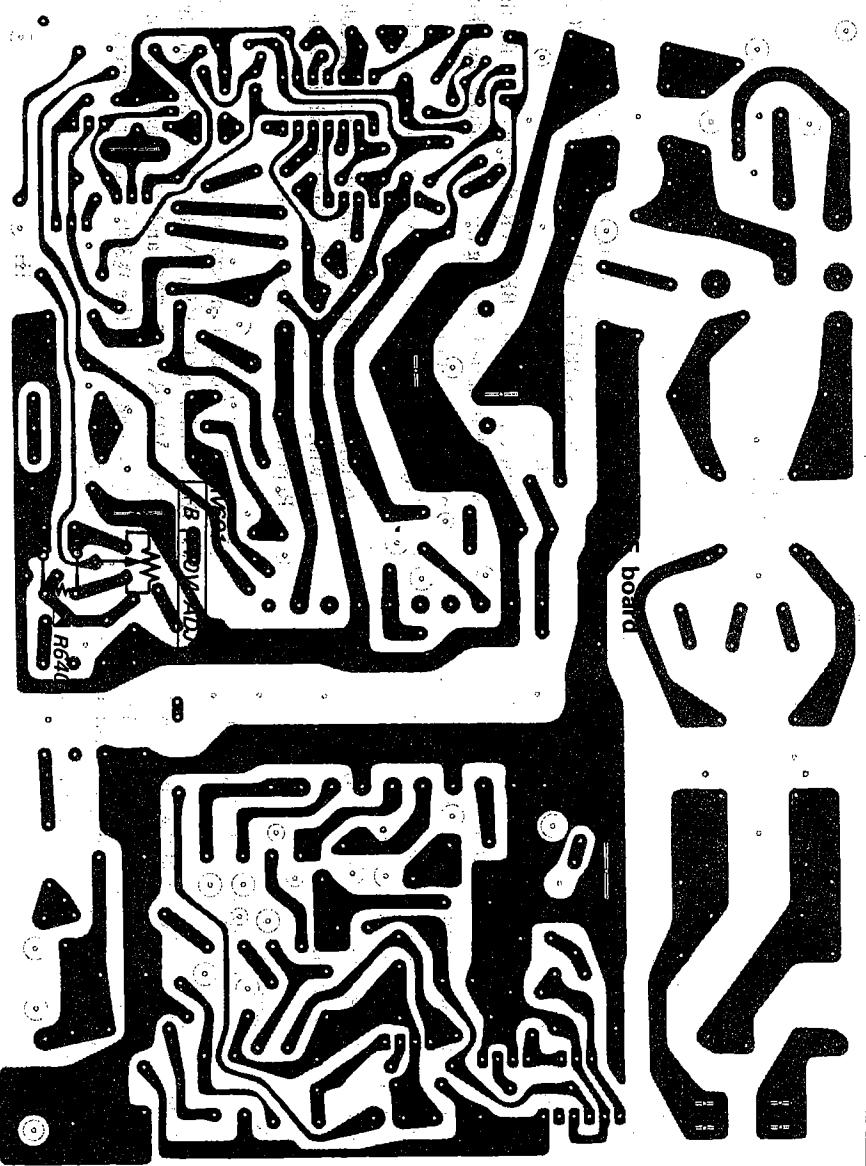
R614, R615, R616, R622, R624, R632, R640, RV601,
T603, T604, D608, D611, IC601.

1. Input a dot signal.
2. Input a AC 130 ± 2 V.
3. Put set in cut-off state.
4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.
5. Confirm that +B value is less than 115.0 V.



+B VOLTAGE Adjustment

- (1) Feed in a monoscope signal.
Set PICTURE control at 80% and BRIGHT control at 50%.
- (2) Supply 100 V AC with variable auto-transformer.
- (3) Adjust RV601 on F board so that +B voltage is 109.0 ± 0.5 V.



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

1

2

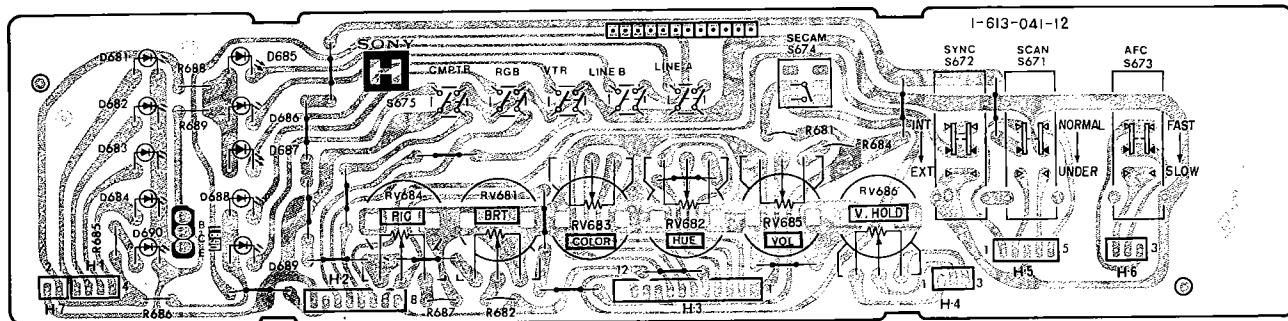
3

4

5

6

7

- H Board -**A****B****C****D****E****F****G****H****I**

C1[R.G.B. OUT, R.G.G. DRIVE,
R.G.B. BKG]

1

2

3

4

5

6

7

— C1 Board —

A

B

C

D

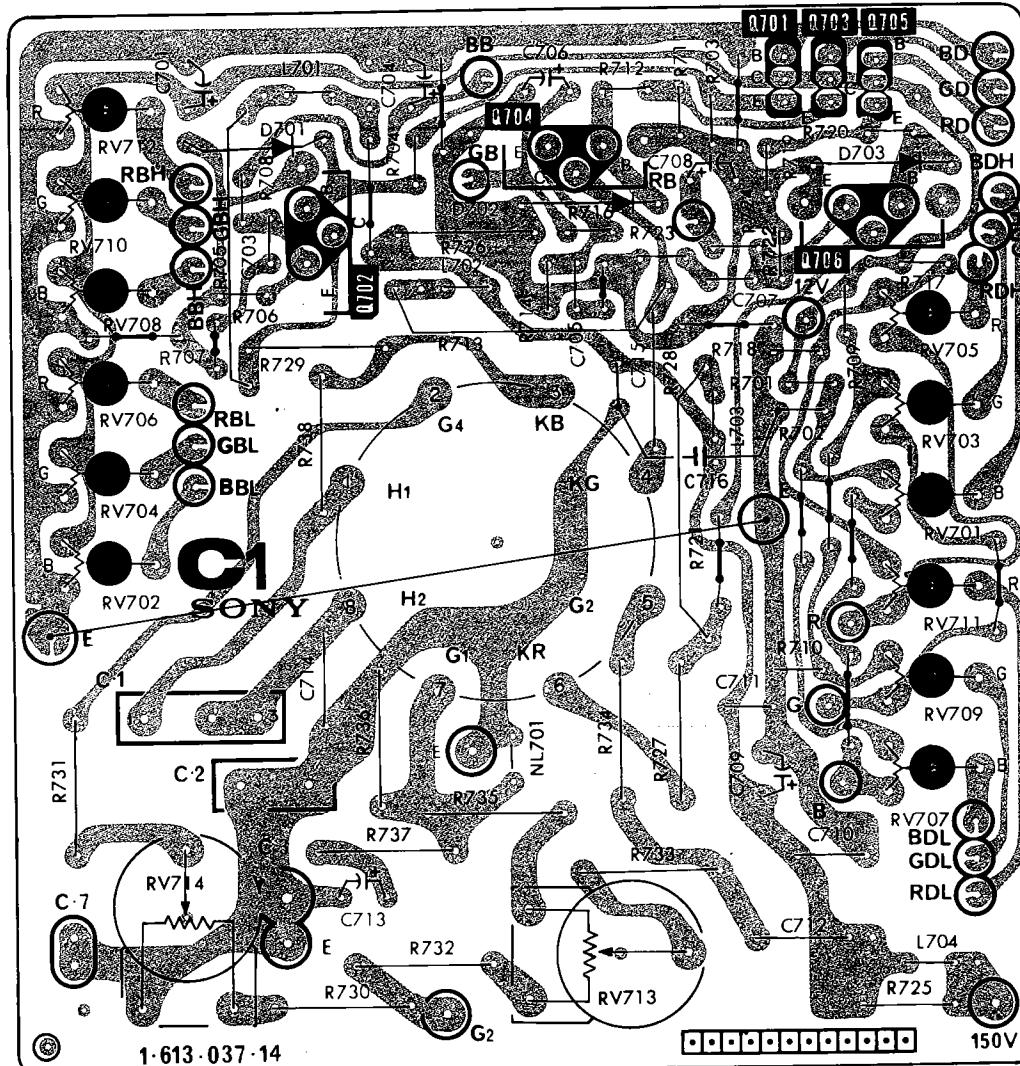
E

F

G

H

I



C2

[COLOR TEMPERATURE SELECT]

1

2

3

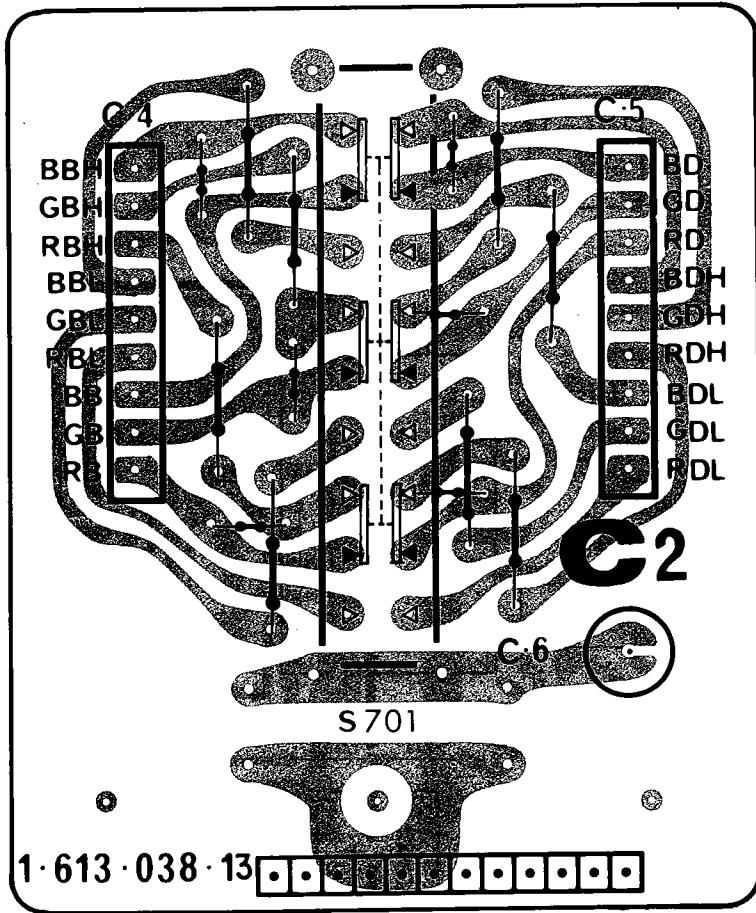
4

5

6

7

— C2 Board —

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

F

[POWER SUPPLY]

F2

[KICK]

1

2

3

4

5

6

7

- F Board -

A

5

6

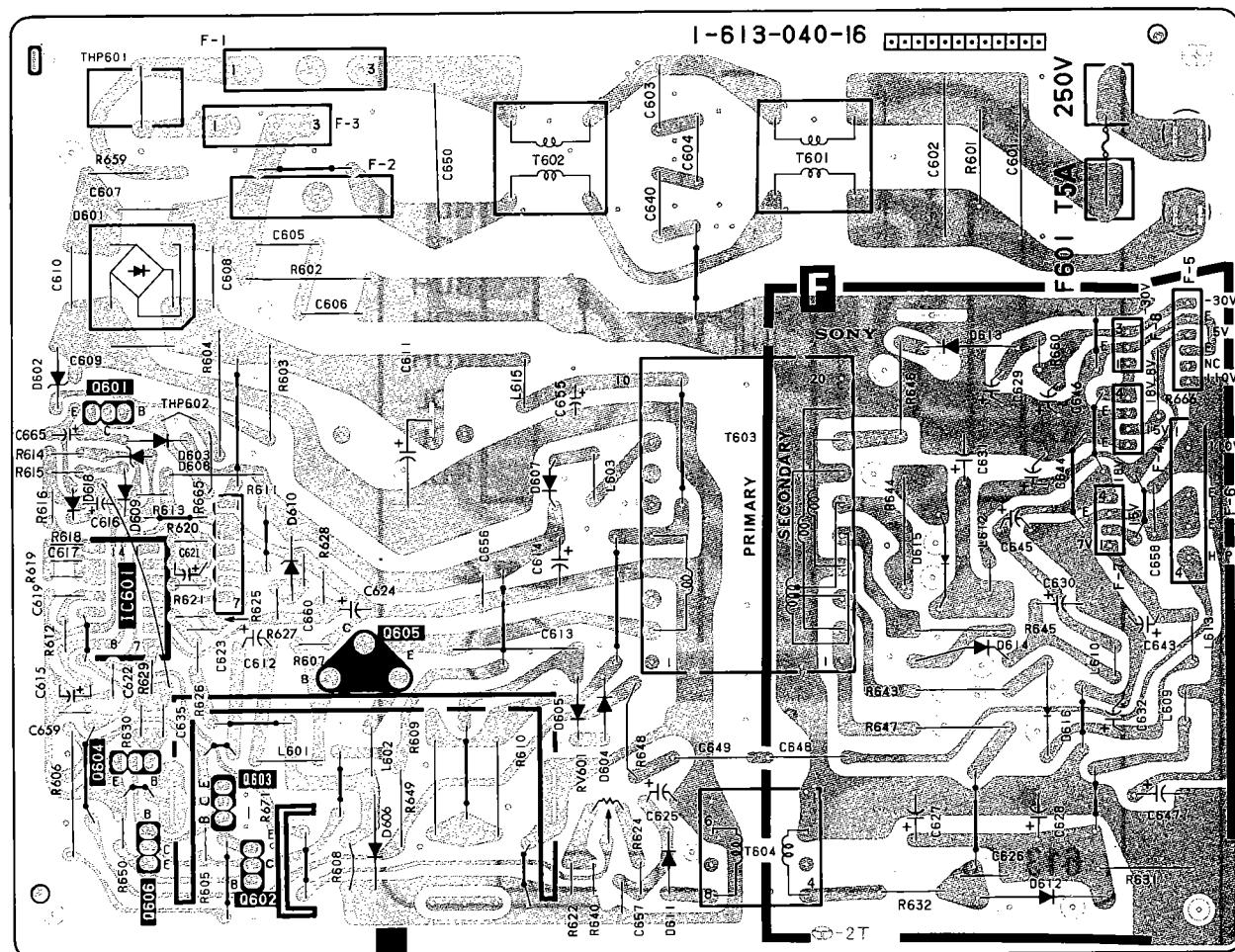
1

四

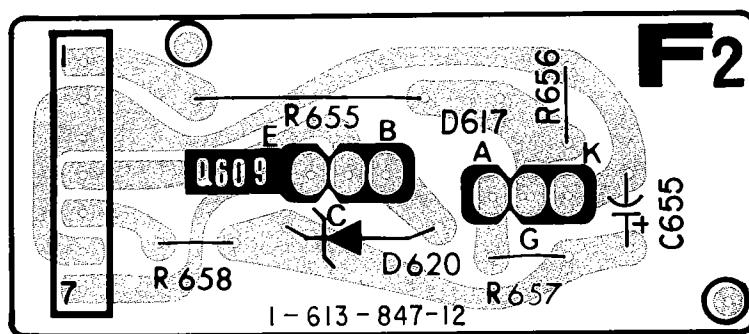
1

1

1



– F2 Board –



SECTION 5 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.

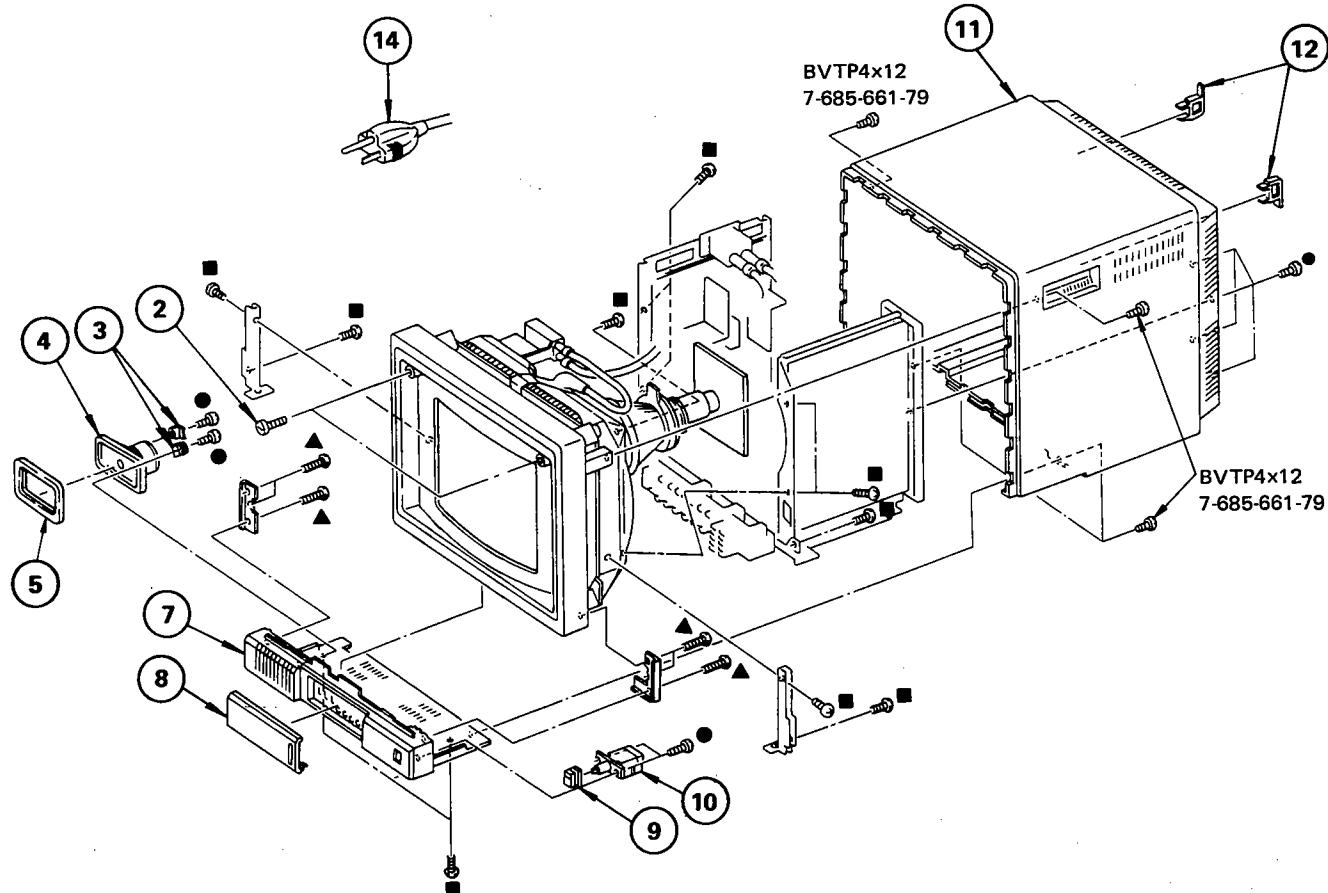
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

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

Les composants identifiés par une trame et une marque **▲** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CABINET

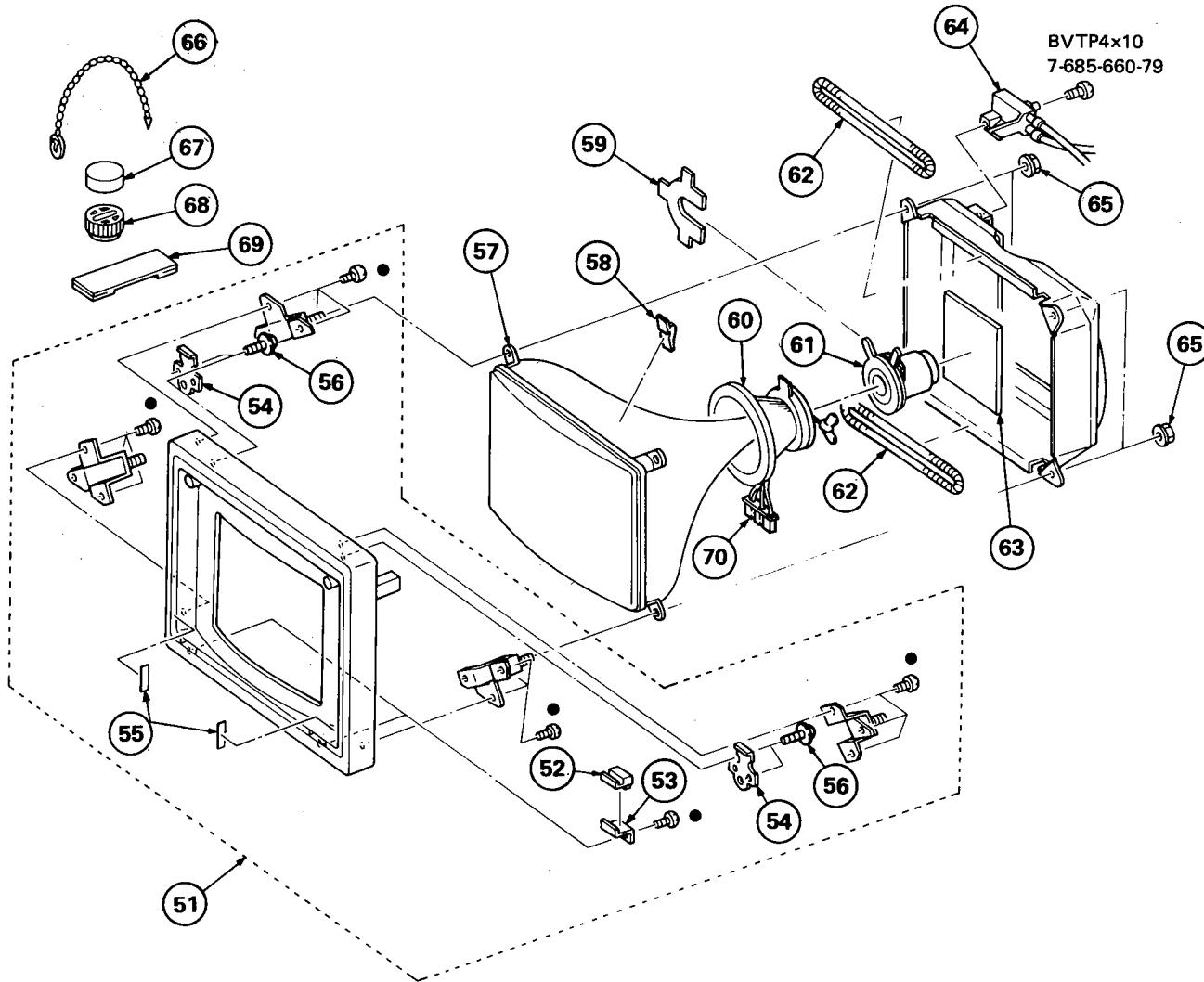
- : BVTP3x8 7-685-646-79
- : BVTP3x12 7-685-648-79
- ▲: BVTP4x12 7-685-661-14



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
2	4-336-851-51	SCREW, ORNAMENTAL		9	4-364-710-00	BUTTON, POWER	
3	*4-321-611-00	CLAW, RETAINING, SPEAKER		10	▲.1-554-969-12	SWITCH, PUSH (AC POWER)(1 KEY)	
4	1-503-109-00	SPEAKER		11	X-4365-404-3	CABINET ASSY	
5	*4-364-741-00	CUSHION, SPEAKER		12	4-316-003-00	HOLDER, CORD	
7	X-4365-414-7	PANEL ASSY, CONTROL		14	▲.1-534-517-31	CORD, AC	
8	X-4364-704-5	DOOR ASSY	8				

5-2. BEZEL

●: BVTP3x12 7-685-648-79



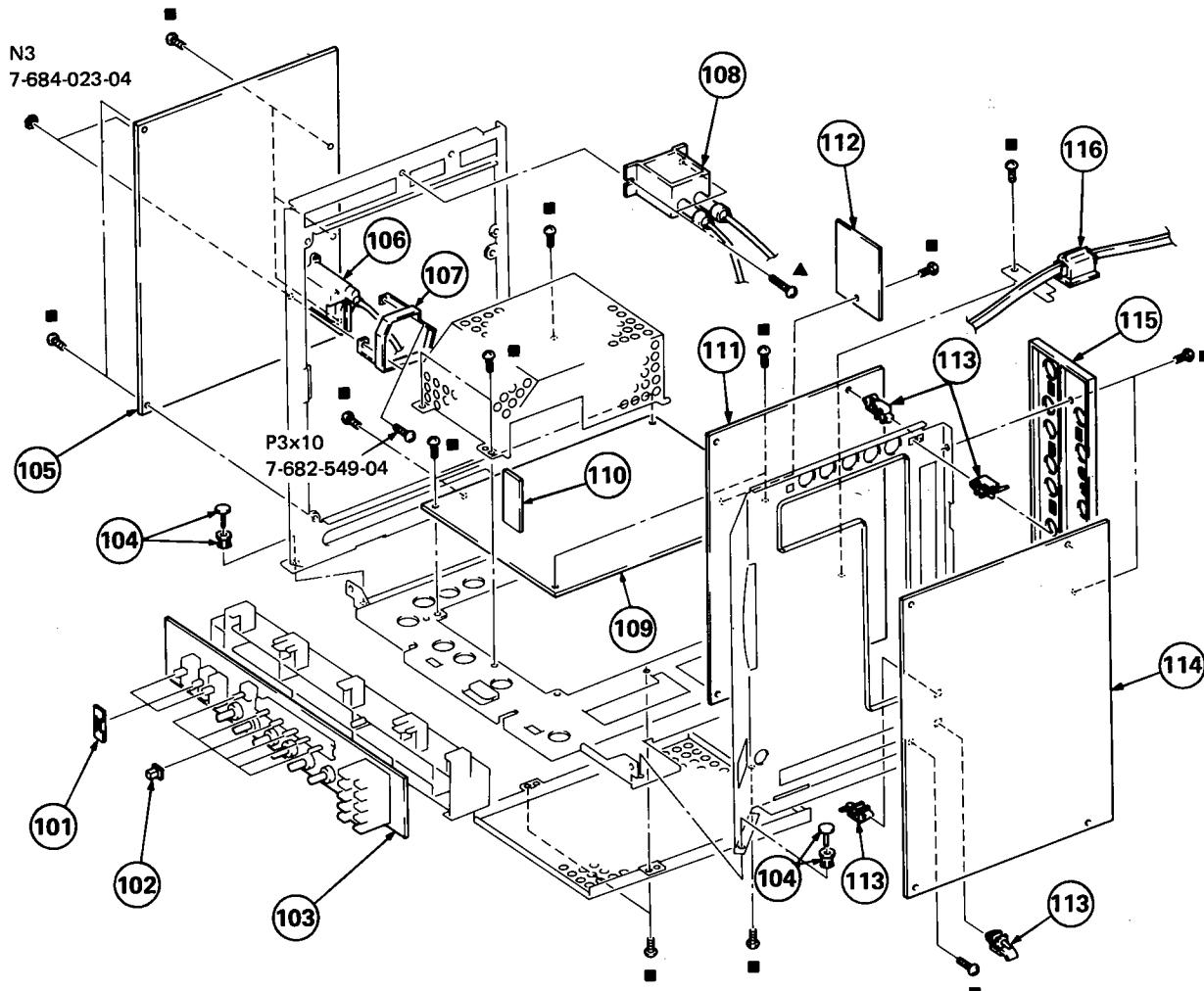
No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51	X-4364-702-3	BEZEL ASSY	52,53,54,55,56	61	A.1-452-214-12	CRT NECK ASSY (H TYPE)	
52	4-336-808-00	PROTECTOR, FILTER		62	A.1-426-086-41	COIL, DEGAUSSING	
53	4-364-701-00	HOLDER, FILTER		63	*A-1330-541-A	C1 BOARD, COMPLETE	
54	*4-341-905-00	NUT, PLATE (A)		64	A.1-228-482-14	RESISTOR ASSY, HIGH-VOLTAGE	
55	9-911-837-XX	CUSHION (B), FILTER		65	4-306-034-00	FLANGE NUT, (B) 5MM	
56	4-302-428-00	HEAD, WASHER, TAPPING SCREW		66	4-308-870-00	CLIP, LEAD WIRE	
57	A.8-738-312-05	PICTURE TUBE (330YB22)		67	1-452-032-00	MAGNET, DISK; 10MM Ø	
58	3-703-961-01	SPACER, DY		68	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
59	1-452-146-21	MAGNET, BMC		69	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
60	A.1-451-239-12	DEFLECTION YOKE (SY-97A)		70	*1-556-528-11	CONNECTOR ASSY (MINI, DY) 6P	

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

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-3. CHASSIS

- : BVTP3x8 7-685-646-79
 ▲: BVTP4x12 7-685-661-14



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101	*4-337-419-00	INSULATOR (LARGE), SLIDE SWITCH		109	*A-1245-230-A	F BOARD, COMPLETE	110
102	4-369-627-01	PUSH BUTTON		110	*1-613-847-11	F2 BOARD	
103	*1-613-041-11	H BOARD		111	*A-1275-055-A	Q BOARD, COMPLETE	
104	3-646-090-00	RIVET, NYLON		112	*1-613-038-11	C2 BOARD	
105	*A-1345-472-A	D BOARD, COMPLETE		113	*3-703-141-00	HOLDER, PCB	
106	*1-439-308-12	TRANSFORMER ASSY, FLYBACK		114	*A-1135-253-A	B BOARD, COMPLETE	
107	*4-364-749-00	PLATE, SHIELD, F.B.T.		115	4-365-421-01	PANEL (C), CONNECTOR	
108	*1-162-142-21	CAP BLOCK, HIGH VOLTAGE		116	*4-364-726-01	BUSHING, AC CORD	

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

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

B

SECTION 6

ELECTRICAL PARTS LIST

NOTE

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

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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

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

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

CAPACITORS

COILS

- COILS
• MMH : mH, UH : μ H

RESISTOR:

- All resistors are in ohms
 - F : nonflammable

- The components identified by **☒** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Ref.No.	Part No.	Description		Remark	Ref.No.	Part No.	Description		Remark
*A-1135-253-A	B BOARD, COMPLETE	*****			C112	1-102-971-00	CERAMIC	82PF	5% 50V
		*****			C113	1-102-978-00	CERAMIC	220PF	5% 50V
*3-538-178-00	HEAT SINK				C114	1-123-332-00	ELECT	47MF	20% 16V
*4-364-755-01	TAPE, SHIELD				C115	1-123-356-00	ELECT	10MF	20% 16V
		<u>CONNECTOR</u>			C117	1-123-356-00	ELECT	10MF	20% 25V
B1	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)			C119	1-102-944-00	CERAMIC	7PF	0.5PF 50V
B2	*1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P			C120	1-102-944-00	CERAMIC	7PF	0.5PF 50V
B3	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P			C121	1-102-944-00	CERAMIC	7PF	0.5PF 50V
B4	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)			C122	1-102-944-00	CERAMIC	7PF	0.5PF 50V
B5	*1-560-156-00	PLUG, CONNECTOR (2.5MM PITCH)			C123	1-123-380-00	ELECT	1MF	20% 50V
B6	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			C124	1-123-356-00	ELECT	10MF	20% 25V
B7	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P			C127	1-101-004-00	CERAMIC	0.01MF	50V
B8	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P			C128	1-123-380-00	ELECT	1MF	20% 50V
		<u>CAPACITOR</u>			C129	1-123-356-00	ELECT	10MF	20% 25V
C003	1-123-356-00	ELECT	10MF	20%	C130	1-123-380-00	ELECT	1MF	20% 50V
C004	1-123-356-00	ELECT	10MF	20%	C131	1-106-220-00	MYLAR	0.1MF	10% 100V
C005	1-123-356-00	ELECT	10MF	20%	C132	1-106-220-00	MYLAR	0.1MF	10% 100V
C006	1-123-356-00	ELECT	10MF	20%	C133	1-123-332-00	ELECT	47MF	16V
C007	1-123-356-00	ELECT	10MF	20%	C134	1-102-944-00	CERAMIC	7PF	0.5PF 50V
					C135	1-101-004-00	CERAMIC	0.01MF	50V
C008	1-123-380-00	ELECT	1MF	20%	C136	1-101-880-00	CERAMIC	47PF	5% 50V
C009	1-106-383-00	MYLAR	0.047MF	10%	C137	1-102-959-00	CERAMIC	22PF	5% 50V
C010	1-123-356-00	ELECT	10MF	20%	C138	1-101-004-00	CERAMIC	0.01MF	50V
C011	1-123-356-00	ELECT	10MF	20%	C139	1-130-483-00	MYLAR	0.01MF	5% 50V
C012	1-123-356-00	ELECT	10MF	20%	C140	1-123-381-00	ELECT	2.2MF	20% 50V
					C141	1-161-772-11	CERAMIC	0.1MF	10% 25V
					C142	1-161-772-11	CERAMIC	0.1MF	10% 25V
C013	1-123-356-00	ELECT	10MF	20%	C143	1-101-880-00	CERAMIC	47PF	5% 50V
C014	1-123-380-00	ELECT	1MF	20%	C144	1-101-880-00	CERAMIC	47PF	5% 50V
C015	1-106-383-00	MYLAR	0.047MF	10%	C145	1-102-934-00	CERAMIC	1PF	0.25PF 50V
C017	1-106-383-00	MYLAR	0.047MF	10%	C146	1-102-963-00	CERAMIC	33PF	5% 50V
C018	1-123-380-00	ELECT	1MF	20%	C147	1-101-004-00	CERAMIC	0.01MF	50V
C019	1-123-356-00	ELECT	10MF	20%	C148	1-123-356-00	ELECT	10MF	20% 25V
C020	1-123-356-00	ELECT	10MF	20%	C149	1-101-004-00	CERAMIC	0.01MF	50V
C021	1-123-356-00	ELECT	10MF	20%	C150	1-101-004-00	CERAMIC	0.01MF	50V
C022	1-123-356-00	ELECT	10MF	20%	C151	1-101-004-00	CERAMIC	0.01MF	50V
C023	1-123-356-00	ELECT	10MF	20%	C152	1-101-004-00	CERAMIC	0.01MF	50V
					C153	1-106-375-12	MYLAR	0.022MF	10% 100V
C024	1-123-356-00	ELECT	10MF	20%	C155	1-102-946-00	CERAMIC	9PF	0.5PF 50V
C025	1-123-356-00	ELECT	10MF	20%	C156	1-123-330-00	ELECT	22MF	20% 25V
C026	1-123-332-00	ELECT	47MF	20%	C157	1-123-380-00	ELECT	1MF	20% 50V
C027	1-123-356-00	ELECT	10MF	20%	C158	1-123-382-00	ELECT	3.3MF	20% 50V
C100	1-101-361-00	CERAMIC	150PF	5%	C159	1-124-049-00	ELECT	0.47MF	20% 50V
C101	1-123-332-00	ELECT	47MF	20%	C160	1-102-115-00	CERAMIC	560PF	10% 50V
C102	1-123-332-00	ELECT	47MF	20%	C161	1-102-971-00	CERAMIC	82PF	5% 50V
C103	1-102-961-00	CERAMIC	27PF	5%	C162	1-101-361-00	CERAMIC	150PF	5% 50V
C104	1-102-973-00	CERAMIC	100PF	5%	C163	1-102-971-00	CERAMIC	82PF	5% 50V
C105	1-123-356-00	ELECT	10MF	20%	C164	1-121-257-00	ELECT	4.7MF	16V
C106	1-123-356-00	ELECT	10MF	20%	C165	1-101-361-00	CERAMIC	150PF	5% 50V
C107	1-102-978-00	CERAMIC	220PF	5%	C166	1-101-888-00	CERAMIC	68PF	5% 50V
C108	1-123-356-00	ELECT	10MF	20%	C167	1-101-006-00	CERAMIC	0.047MF	50V
C109	1-102-959-00	CERAMIC	22PF	5%	C169	1-106-220-00	MYLAR	0.1MF	10% 100V
C110	1-102-961-00	CERAMIC	27PF	5%	C170	1-123-380-00	ELECT	1MF	20% 50V
C111	1-101-888-00	CERAMIC	68PF	5%					

B

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
C172	1-101-888-00	CERAMIC	68PF	5%	50V	C238	1-123-332-00	ELECT	47MF	20%	16V
C173	1-106-359-00	MYLAR	0.0047MF	10%	100V	C239	1-101-004-00	CERAMIC	0.01MF		50V
C175	1-101-361-00	CERAMIC	150PF	5%	50V	C244	1-101-004-00	CERAMIC	0.01MF		50V
C176	1-102-951-00	CERAMIC	15PF	5%	50V	C245	1-101-004-00	CERAMIC	0.01MF		50V
C177	1-102-963-00	CERAMIC	33PF	5%	50V	C246	1-101-004-00	CERAMIC	0.01MF		50V
C178	1-123-356-00	ELECT	10MF	20%	25V	C247	1-101-006-00	CERAMIC	0.047MF		50V
C179	1-101-004-00	CERAMIC	0.01MF		50V	C248	1-101-006-00	CERAMIC	0.047MF		50V
C180	1-124-555-00	ELECT	1000MF	20%	16V	C250	1-123-330-00	ELECT	22MF	20%	25V
C183	1-123-379-00	ELECT	0.47MF	20%	50V	C252	1-102-824-00	CERAMIC	470PF	5%	50V
C184	1-123-379-00	ELECT	0.47MF	20%	50V	C1001	1-102-935-00	CERAMIC	2PF		0.25PF 50V
C186	1-124-555-00	ELECT	1000MF	20%	16V	C1002	1-102-935-00	CERAMIC	2PF		0.25PF 50V
C188	1-123-356-00	ELECT	10MF	20%	25V	C1003	1-102-935-00	CERAMIC	2PF		0.25PF 50V
C189	1-123-356-00	ELECT	10MF	20%	25V			<u>DIODE</u>			
C190	1-123-356-00	ELECT	10MF	20%	25V	D001	8-719-911-19	DIODE	1SS119		
C195	1-102-824-00	CERAMIC	470PF	5%	50V	D002	8-719-911-19	DIODE	1SS119		
C200	1-124-463-00	ELECT	0.1MF	20%	50V	D003	8-719-911-19	DIODE	1SS119		
C201	1-124-463-00	ELECT	0.1MF	20%	50V	D004	8-719-911-19	DIODE	1SS119		
C202	1-124-463-00	ELECT	0.1MF	20%	50V	D005	8-719-911-19	DIODE	1SS119		
C203	1-121-257-00	ELECT	4.7MF		16V	D007	8-719-911-19	DIODE	1SS119		
C204	1-123-381-00	ELECT	2.2MF	20%	50V	D101	8-719-911-19	DIODE	1SS119		
C205	1-101-888-00	CERAMIC	68PF	5%	50V	D102	8-719-911-19	DIODE	1SS119		
C206	1-102-892-00	CERAMIC	22PF	5%	50V	D103	8-719-908-06	DIODE	ERA81-005		
C207	1-102-679-00	CERAMIC	120PF	5%	50V	D104	8-719-911-19	DIODE	1SS119		
C208	1-101-880-00	CERAMIC	47PF	5%	50V	D105	8-719-911-19	DIODE	1SS119		
C209	1-102-971-00	CERAMIC	82PF	5%	50V	D106	8-719-911-19	DIODE	1SS119		
C210	1-102-978-00	CERAMIC	220PF	5%	50V	D107	8-719-911-19	DIODE	1SS119		
C211	1-106-367-00	MYLAR	0.01MF	10%	100V	D108	8-719-911-19	DIODE	1SS119		
C212	1-123-356-00	ELECT	10MF	20%	25V	D109	8-719-911-19	DIODE	1SS119		
C213	1-101-004-00	CERAMIC	0.01MF		50V	D110	8-719-911-19	DIODE	1SS119		
C214	1-130-483-00	MYLAR	0.01MF	5%	50V	D111	8-719-911-19	DIODE	1SS119		
C215	1-102-892-00	CERAMIC	22PF	5%	50V	D112	8-719-911-19	DIODE	1SS119		
C216	1-102-824-00	CERAMIC	470PF	5%	50V	D113	8-719-911-19	DIODE	1SS119		
C217	1-123-356-00	ELECT	10MF	20%	25V	D114	8-719-911-19	DIODE	1SS119		
C218	1-101-004-00	CERAMIC	0.01MF		50V	D115	8-719-911-19	DIODE	1SS119		
C219	1-123-332-00	ELECT	47MF	20%	25V	D116	8-719-911-19	DIODE	1SS119		
C220	1-124-556-11	ELECT	2200MF	20%	16V	D117	8-719-911-19	DIODE	1SS119		
C221	1-106-220-00	MYLAR	0.1MF	10%	100V	D118	8-719-911-19	DIODE	1SS119		
C222	1-123-321-00	ELECT	220MF	20%	16V	D119	8-719-911-19	DIODE	1SS119		
C223	1-123-332-00	ELECT	47MF	20%	16V	D120	8-719-911-19	DIODE	1SS119		
C224	1-123-369-00	ELECT	4.7MF	20%	25V	D122	8-719-911-19	DIODE	1SS119		
C225	1-123-380-00	ELECT	1MF	20%	50V	D123	8-719-911-19	DIODE	1SS119		
C226	1-102-121-00	CERAMIC	0.0022MF	10%	50V	D124	8-719-100-38	DIODE	RD6.2E-B2		
C227	1-130-491-00	MYLAR	0.047MF	5%	50V	D125	8-719-911-19	DIODE	1SS119		
C228	1-123-332-00	ELECT	47MF	20%	25V	D126	8-719-911-19	DIODE	1SS119		
C229	1-123-380-00	ELECT	1MF	20%	50V			<u>DELAY LINE</u>			
C230	1-102-121-00	CERAMIC	0.0022MF	10%	50V	DL101	1-415-280-00	DELAY LINE	(1H)		
C231	1-123-356-00	ELECT	10MF	20%	16V	DL102	1-415-188-00	DELAY LINE			
C232	1-123-356-00	ELECT	10MF	20%	16V	DL103	1-415-122-31	DELAY LINE, 1H (PAL)			
C233	1-123-379-00	ELECT	0.47MF	20%	50V						
C234	1-106-367-00	MYLAR	0.01MF	10%	100V						
C235	1-123-321-00	ELECT	220MF	20%	16V						
C236	1-101-004-00	CERAMIC	0.01MF		50V						
C237	1-161-330-00	CERAMIC	0.01MF	30%	25V						

B

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
<u>FUSE</u>							
F201	A1-532-624-11	FUSE, GLASS TUBE 0.5A/125V		Q104	8-729-178-54	TRANSISTOR 2SC2785	
<u>IC</u>							
IC001A	8-759-171-12	IC UPC7812H		Q105	8-729-178-54	TRANSISTOR 2SC2785	
IC101	8-752-006-10	IC CX20061		Q106	8-729-178-54	TRANSISTOR 2SC2785	
IC102	8-752-006-10	IC CX20061		Q107	8-729-178-54	TRANSISTOR 2SC2785	
IC103	8-759-113-65	IC UPC1365C		Q108	8-729-178-54	TRANSISTOR 2SC2785	
IC104	8-759-140-24	IC UPD4024BC		Q109	8-729-117-54	TRANSISTOR 2SA1175	
IC105	8-759-240-23	IC TC4023BP		Q110	8-729-178-54	TRANSISTOR 2SC2785	
IC201	8-759-100-15	IC UPC1364C2		Q111	8-729-178-54	TRANSISTOR 2SC2785	
IC202	8-759-101-77	IC UPC1241H		Q114	8-729-313-42	TRANSISTOR 2SD1134	
IC203	8-759-610-95	IC CX095E		Q116	8-729-117-54	TRANSISTOR 2SA1175	
<u>TERMINAL BOARD</u>							
J2	1-536-842-11	TERMINAL BOARD, INPUT/OUTPUT(A)		Q117	8-729-178-54	TRANSISTOR 2SC2785	
<u>COIL</u>							
L101	1-408-412-00	INDUCTOR	18UH	Q123	8-729-178-54	TRANSISTOR 2SC2785	
L102	1-408-412-00	INDUCTOR	18UH	Q124	8-729-115-10	TRANSISTOR 2SK105A-10	
L103	1-408-411-00	INDUCTOR	15UH	Q125	8-729-178-54	TRANSISTOR 2SC2785	
L104	1-408-414-00	INDUCTOR	27UH	Q126	8-729-115-10	TRANSISTOR 2SK105A-10	
L105	1-408-414-00	INDUCTOR	27UH	Q127	8-729-115-10	TRANSISTOR 2SK105A-10	
L106	1-408-409-00	INDUCTOR	10UH	Q128	8-729-115-10	TRANSISTOR 2SK105A-10	
L107	1-408-413-00	INDUCTOR	22UH	Q129	8-729-178-54	TRANSISTOR 2SC2785	
L108	1-408-416-00	INDUCTOR	39UH	Q130	8-729-178-54	TRANSISTOR 2SC2785	
L110	1-408-412-00	INDUCTOR	18UH	Q131	8-729-115-10	TRANSISTOR 2SK105A-10	
L111	1-408-406-00	INDUCTOR	5.6UH	Q132	8-729-115-10	TRANSISTOR 2SK105A-10	
L112	1-408-602-21	INDUCTOR	8.2UH	Q133	8-729-178-54	TRANSISTOR 2SC2785	
L113	1-408-226-00	INDUCTOR	82UH	Q135	8-729-117-54	TRANSISTOR 2SA1175	
L114	1-408-419-00	INDUCTOR	68UH	Q136	8-729-117-54	TRANSISTOR 2SA1175	
L201	1-408-247-00	INDUCTOR	33MMH	Q137	8-729-117-54	TRANSISTOR 2SA1175	
L202	1-408-163-00	INDUCTOR	5.6MMH	Q138	8-729-117-54	TRANSISTOR 2SA1175	
L203	1-408-414-00	INDUCTOR	27UH	Q144	8-729-178-54	TRANSISTOR 2SC2785	
<u>TRANSISTOR</u>							
Q001	8-729-178-54	TRANSISTOR	2SC2785	Q145	8-729-178-54	TRANSISTOR 2SC2785	
Q002	8-729-117-54	TRANSISTOR	2SA1175	Q148	8-729-178-54	TRANSISTOR 2SC2785	
Q003	8-729-117-54	TRANSISTOR	2SA1175	Q149	8-729-117-54	TRANSISTOR 2SA1175	
Q004	8-729-117-54	TRANSISTOR	2SA1175	Q150	8-729-117-54	TRANSISTOR 2SA1175	
Q005	8-729-178-54	TRANSISTOR	2SC2785	Q151	8-729-178-54	TRANSISTOR 2SC2785	
Q006	8-729-117-54	TRANSISTOR	2SA1175	Q152	8-729-178-54	TRANSISTOR 2SC2785	
Q007	8-729-117-54	TRANSISTOR	2SA1175	Q153	8-729-178-54	TRANSISTOR 2SC2785	
Q008	8-729-178-54	TRANSISTOR	2SC2785	Q154	8-729-178-54	TRANSISTOR 2SC2785	
Q009	8-729-117-54	TRANSISTOR	2SA1175	Q155	8-729-178-54	TRANSISTOR 2SC2785	
Q010	8-729-178-54	TRANSISTOR	2SC2785	Q159	8-729-117-54	TRANSISTOR 2SA1175	
<u>RESISTOR</u>							
Q011	8-729-178-54	TRANSISTOR	2SC2785	R002	1-247-713-11	CARBON	1K 5% 1/4W
Q012	8-729-117-54	TRANSISTOR	2SA1175	R003	1-249-434-11	CARBON	27K 5% 1/4W
Q101	8-729-178-54	TRANSISTOR	2SC2785	R004	1-249-424-11	CARBON	3.9K 5% 1/4W
Q102	8-729-178-54	TRANSISTOR	2SC2785	R005	1-249-421-11	CARBON	2.2K 5% 1/4W
Q103	8-729-178-54	TRANSISTOR	2SC2785	R006	1-249-439-11	CARBON	68K 5% 1/4W

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

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R007	1-249-433-11	CARBON	22K 5% 1/4W	R105	1-249-415-11	CARBON	680 5% 1/4W
R009	1-215-440-00	CARBON	6.2K 5% 1/4W	R106	1-249-423-11	CARBON	3.3K 5% 1/4W
R010	1-215-440-00	CARBON	6.2K 5% 1/4W	R107	1-249-426-11	CARBON	5.6K 5% 1/4W
R011	1-215-440-00	CARBON	6.2K 5% 1/4W	R108	1-249-429-11	CARBON	10K 5% 1/4W
R012	1-249-437-11	CARBON	47K 5% 1/4W	R109	1-249-413-11	CARBON	470 5% 1/4W
R013	1-249-440-11	CARBON	82K 5% 1/4W	R110	1-249-413-11	CARBON	470 5% 1/4W
R014	1-247-885-00	CARBON	180K 5% 1/4W	R111	1-249-421-11	CARBON	2.2K 5% 1/4W
R015	1-249-438-11	CARBON	56K 5% 1/4W	R112	1-249-415-11	CARBON	680 5% 1/4W
R016	1-249-417-11	CARBON	1K 5% 1/4W	R113	1-249-410-11	CARBON	270 5% 1/4W
R017	1-247-104-00	CARBON	75 5% 1/4W	R114	1-249-415-11	CARBON	680 5% 1/4W
R019	1-247-104-00	CARBON	75 5% 1/4W	R115	1-249-419-11	CARBON	1.5K 5% 1/4W
R020	1-249-434-11	CARBON	27K 5% 1/4W	R116	1-249-403-11	CARBON	68 5% 1/4W
R021	1-249-424-11	CARBON	3.9K 5% 1/4W	R117	1-249-415-11	CARBON	680 5% 1/4W
R022	1-249-433-11	CARBON	22K 5% 1/4W	R118	1-249-415-11	CARBON	680 5% 1/4W
R023	1-249-439-11	CARBON	68K 5% 1/4W	R119	1-249-405-11	CARBON	100 5% 1/4W
R024	1-215-440-00	CARBON	6.2K 5% 1/4W	R120	1-249-415-11	CARBON	680 5% 1/4W
R025	1-249-437-11	CARBON	47K 5% 1/4W	R121	1-249-415-11	CARBON	680 5% 1/4W
R026	1-249-466-11	CARBON	56K 5% 1/4W	R122	1-249-405-11	CARBON	100 5% 1/4W
R027	1-249-440-11	CARBON	82K 5% 1/4W	R123	1-249-417-11	CARBON	1K 5% 1/4W
R028	1-247-885-00	CARBON	180K 5% 1/4W	R124	1-249-413-11	CARBON	470 5% 1/4W
R029	1-249-429-11	CARBON	10K 5% 1/4W	R125	1-249-417-11	CARBON	1K 5% 1/4W
R030	1-247-885-00	CARBON	180K 5% 1/4W	R126	1-249-405-11	CARBON	100 5% 1/4W
R031	1-249-440-11	CARBON	82K 5% 1/4W	R127	1-249-415-11	CARBON	680 5% 1/4W
R032	1-249-437-11	CARBON	47K 5% 1/4W	R128	1-247-814-00	CARBON	200 5% 1/4W
R033	1-249-433-11	CARBON	22K 5% 1/4W	R129	1-249-419-11	CARBON	1.5K 5% 1/4W
R034	1-249-439-11	CARBON	68K 5% 1/4W	R130	1-249-415-11	CARBON	680 5% 1/4W
R035	1-249-417-11	CARBON	1K 5% 1/4W	R131	1-249-413-11	CARBON	470 5% 1/4W
R036	1-247-104-00	CARBON	75 5% 1/4W	R132	1-249-420-11	CARBON	1.8K 5% 1/4W
R037	1-249-434-11	CARBON	27K 5% 1/4W	R133	1-249-401-11	CARBON	47 5% 1/4W
R038	1-249-424-11	CARBON	3.9K 5% 1/4W	R135	1-215-406-00	CARBON	240 5% 1/4W
R039	1-215-440-00	CARBON	6.2K 5% 1/4W	R136	1-249-421-11	CARBON	2.2K 5% 1/4W
R040	1-249-439-11	CARBON	68K 5% 1/4W	R137	1-249-432-11	CARBON	18K 5% 1/4W
R041	1-247-104-00	CARBON	75 5% 1/4W	R138	1-249-423-11	CARBON	3.3K 5% 1/4W
R042	1-249-434-11	CARBON	27K 5% 1/4W	R140	1-249-433-11	CARBON	22K 5% 1/4W
R043	1-215-468-00	CARBON	91K 5% 1/4W	R141	1-249-433-11	CARBON	22K 5% 1/4W
R045	1-249-429-11	CARBON	10K 5% 1/4W	R143	1-249-405-11	CARBON	100 5% 1/4W
R046	1-249-428-11	CARBON	8.2K 5% 1/4W	R146	1-249-403-11	CARBON	68 5% 1/4W
R049	1-249-438-11	CARBON	56K 5% 1/4W	R147	1-249-419-11	CARBON	1.5K 5% 1/4W
R051	1-249-421-11	CARBON	2.2K 5% 1/4W	R148	1-249-419-11	CARBON	1.5K 5% 1/4W
R052	△ 1-247-807-31	CARBON	100 5% 1/4W	R149	1-249-433-11	CARBON	22K 5% 1/4W
R053	1-249-437-11	CARBON	47K 5% 1/4W	R150	1-249-416-11	CARBON	820 5% 1/4W
R054	1-249-437-11	CARBON	47K 5% 1/4W	R151	1-249-413-11	CARBON	470 5% 1/4W
R055	1-249-440-11	CARBON	82K 5% 1/4W	R152	1-249-416-11	CARBON	820 5% 1/4W
R056	1-247-150-00	CARBON	6.2K 5% 1/4W	R153	1-249-423-11	CARBON	3.3K 5% 1/4W
R061	1-247-744-11	CARBON	270 5% 1/2W	R154	1-249-433-11	CARBON	22K 5% 1/4W
R062	1-247-714-11	CARBON	1.2K 5% 1/4W	R155	1-249-429-11	CARBON	10K 5% 1/4W
R063	1-249-397-11	CARBON	22 5% 1/4W	R156	1-249-435-11	CARBON	33K 5% 1/4W
R066	1-249-429-11	CARBON	10K 5% 1/4W	R157	1-249-435-11	CARBON	33K 5% 1/4W
R100	1-249-428-11	CARBON	8.2K 5% 1/4W	R158	1-249-439-11	CARBON	68K 5% 1/4W
R101	1-249-436-11	CARBON	39K 5% 1/4W	R159	1-249-415-11	CARBON	680 5% 1/4W
R102	△ 1-247-815-31	CARBON	220 5% 1/4W	R160	1-249-436-11	CARBON	39K 5% 1/4W
R103	1-249-418-11	CARBON	1.2K 5% 1/4W	R161	1-249-429-11	CARBON	10K 5% 1/4W
R104	1-249-411-11	CARBON	330 5% 1/4W	R162	1-249-437-11	CARBON	47K 5% 1/4W

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

Les composants identifiés par une trame et une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

B

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R165	1-215-493-00	CARBON	1M 5% 1/4W	R223	1-249-426-11	CARBON	5.6K 5% 1/4W
R167	1-249-419-11	CARBON	1.5K 5% 1/4W	R224	1-247-891-00	CARBON	330K 5% 1/4W
R168	1-249-435-11	CARBON	33K 5% 1/4W	R225	1-249-441-11	CARBON	100K 5% 1/4W
R170	1-249-431-11	CARBON	15K 5% 1/4W	R226	1-215-468-00	CARBON	91K 5% 1/4W
R171	1-249-441-11	CARBON	100K 5% 1/4W	R228	1-249-419-11	CARBON	1.5K 5% 1/4W
R173	1-249-425-11	CARBON	4.7K 5% 1/4W	R230	1-249-425-11	CARBON	4.7K 5% 1/4W
R176	1-247-887-00	CARBON	220K 5% 1/4W	R231	1-249-438-11	CARBON	56K 5% 1/4W
R177	1-249-441-11	CARBON	100K 5% 1/4W	R232	1-249-412-11	CARBON	390 5% 1/4W
R178	1-247-883-00	CARBON	150K 5% 1/4W	R233	1-249-409-11	CARBON	220 5% 1/4W
R179	1-249-439-11	CARBON	68K 5% 1/4W	R234	1-249-409-11	CARBON	220 5% 1/4W
R180	1-249-417-11	CARBON	1K 5% 1/4W	R235	1-249-413-11	CARBON	470 5% 1/4W
R181	1-249-429-11	CARBON	10K 5% 1/4W	R236	1-249-405-11	CARBON	100 5% 1/4W
R182	1-249-437-11	CARBON	47K 5% 1/4W	R237	1-249-409-11	CARBON	220 5% 1/4W
R183	1-249-423-11	CARBON	3.3K 5% 1/4W	R238	1-249-435-11	CARBON	33K 5% 1/4W
R184	1-249-418-11	CARBON	1.2K 5% 1/4W	R239	1-249-440-11	CARBON	82K 5% 1/4W
R185	1-249-440-11	CARBON	82K 5% 1/4W	R240	1-249-422-11	CARBON	2.7K 5% 1/4W
R186	1-249-413-11	CARBON	470 5% 1/4W	R241	1-249-433-11	CARBON	22K 5% 1/4W
R187	1-249-434-11	CARBON	27K 5% 1/4W	R242	1-215-444-00	CARBON	9.1K 5% 1/4W
R188	1-249-435-11	CARBON	33K 5% 1/4W	R243	1-249-430-11	CARBON	12K 5% 1/4W
R189	1-249-439-11	CARBON	68K 5% 1/4W	R244	1-249-423-11	CARBON	3.3K 5% 1/4W
R190	1-249-435-11	CARBON	33K 5% 1/4W	R245	1-249-426-11	CARBON	5.6K 5% 1/4W
R191	1-249-437-11	CARBON	47K 5% 1/4W	R246	1-249-429-11	CARBON	10K 5% 1/4W
R192	1-249-421-11	CARBON	2.2K 5% 1/4W	R247	1-249-431-11	CARBON	15K 5% 1/4W
R193	1-249-424-11	CARBON	3.9K 5% 1/4W	R248	1-249-421-11	CARBON	2.2K 5% 1/4W
R194	1-249-431-11	CARBON	15K 5% 1/4W	R249	1-249-437-11	CARBON	47K 5% 1/4W
R195	1-249-421-11	CARBON	2.2K 5% 1/4W	R250	1-247-885-00	CARBON	180K 5% 1/4W
R196	1-249-434-11	CARBON	27K 5% 1/4W	R251	1-249-426-11	CARBON	5.6K 5% 1/4W
R197	1-249-415-11	CARBON	680 5% 1/4W	R252	1-249-428-11	CARBON	8.2K 5% 1/4W
R198	1-249-415-11	CARBON	680 5% 1/4W	R253	1-249-423-11	CARBON	3.3K 5% 1/4W
R199	1-249-417-11	CARBON	1K 5% 1/4W	R254	1-249-429-11	CARBON	10K 5% 1/4W
R200	1-249-433-11	CARBON	22K 5% 1/4W	R255	1-249-417-11	CARBON	1K 5% 1/4W
R201	1-215-493-00	CARBON	1M 5% 1/4W	R256	1-249-428-11	CARBON	8.2K 5% 1/4W
R202	1-215-493-00	CARBON	1M 5% 1/4W	R258	1-249-421-11	CARBON	2.2K 5% 1/4W
R203	1-249-429-11	CARBON	10K 5% 1/4W	R259	1-249-428-11	CARBON	8.2K 5% 1/4W
R204	1-249-429-11	CARBON	10K 5% 1/4W	R260	1-249-439-11	CARBON	68K 5% 1/4W
R205	1-249-429-11	CARBON	10K 5% 1/4W	R261	1-249-429-11	CARBON	10K 5% 1/4W
R206	1-249-439-11	CARBON	68K 5% 1/4W	R262	1-249-441-11	CARBON	100K 5% 1/4W
R207	1-249-409-11	CARBON	220 5% 1/4W	R263	1-249-429-11	CARBON	10K 5% 1/4W
R208	1-249-429-11	CARBON	10K 5% 1/4W	R264	1-249-439-11	CARBON	68K 5% 1/4W
R209	1-249-435-11	CARBON	33K 5% 1/4W	R265	1-249-429-11	CARBON	10K 5% 1/4W
R210	1-249-409-11	CARBON	220 5% 1/4W	R266	1-249-429-11	CARBON	10K 5% 1/4W
R211	1-249-409-11	CARBON	220 5% 1/4W	R267	1-249-439-11	CARBON	68K 5% 1/4W
R212	1-249-424-11	CARBON	3.9K 5% 1/4W	R268	1-249-439-11	CARBON	68K 5% 1/4W
R213	1-249-409-11	CARBON	220 5% 1/4W	R269	1-249-429-11	CARBON	10K 5% 1/4W
R214	1-249-409-11	CARBON	220 5% 1/4W	R270	1-249-415-11	CARBON	680 5% 1/4W
R215	1-249-425-11	CARBON	4.7K 5% 1/4W	R271	1-249-469-11	CARBON	100K 5% 1/4W
R216	1-249-441-11	CARBON	100K 5% 1/4W	R272	1-246-517-25	CARBON	68K 5% 1/4W
R217	1-249-441-11	CARBON	100K 5% 1/4W	R273	1-202-463-00	SOLID	2.2M 5% 1/4W
R218	1-249-429-11	CARBON	10K 5% 1/4W	R274	1-249-465-11	CARBON	47K 5% 1/4W
R219	1-249-426-11	CARBON	5.6K 5% 1/4W	R275	1-249-429-11	CARBON	10K 5% 1/4W
R220	1-249-435-11	CARBON	33K 5% 1/4W	R276	1-249-431-11	CARBON	15K 5% 1/4W
R221	1-215-458-00	CARBON	36K 5% 1/4W	R277	1-249-416-11	CARBON	820 5% 1/4W
R222	1-249-439-11	CARBON	68K 5% 1/4W	R278	1-249-421-11	CARBON	2.2K 5% 1/4W

B **F**

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	
R279	1-246-509-25	CARBON	33K 5%	1/4W	RV105	1-226-852-00	RES, ADJ, CARBON 22K	
R280	1-249-437-11	CARBON	47K 5%	1/4W	RV106	1-226-849-00	RES, ADJ, CARBON 3.3K	
R281	1-249-431-11	CARBON	15K 5%	1/4W	RV107	1-228-724-00	RES, ADJ, CARBON 10K	
R282	1-249-421-11	CARBON	2.2K 5%	1/8W	RV108	1-226-850-00	RES, ADJ, CARBON 4.7K	
R283	1-249-425-11	CARBON	4.7K 5%	1/4W	RV109	1-226-850-00	RES, ADJ, CARBON 4.7K	
R284	1-249-428-11	CARBON	8.2K 5%	1/4W	RV110	1-226-846-00	RES, ADJ, CARBON 470	
R285	1-249-423-11	CARBON	3.3K 5%	1/4W	RV111	1-226-853-00	RES, ADJ, CARBON 47K	
R286	1-249-423-11	CARBON	3.3K 5%	1/4W			<u>SWITCH</u>	
R287	1-215-493-00	CARBON	1M 5%	1/4W	S1	1-553-725-00	SWITCH, SL IDE	
R288	1-249-441-11	CARBON	100K 5%	1/4W	S2	1-553-725-00	SWITCH, SL IDE	
R290	1-249-429-11	CARBON	10K 5%	1/4W	S3	1-553-725-00	SWITCH, SL IDE	
R291	1-249-429-11	CARBON	10K 5%	1/4W			<u>TRANSFORMER</u>	
R292	1-249-447-11	CARBON	1 5%	1/4W	T101	1-408-513-00	COIL (VARIABLE)	
R293	1-249-422-11	CARBON	2.7K 5%	1/4W	T102	1-409-193-00	COIL 3.58MHZ TRAP	
R294	1-249-405-11	CARBON	100 5%	1/4W	T103	1-409-193-00	COIL 3.58MHZ TRAP	
R295	1-249-429-11	CARBON	10K 5%	1/4W	T104	1-404-081-00	TRANSFOMER, DELAY ADJUST	
R296	1-249-469-11	CARBON	100K 5%	1/4W	T201	1-404-146-00	TRANSFORMER	
R297	1-249-437-11	CARBON	47K 5%	1/4W	T202	1-408-532-00	COIL, VARIABLE	
R298	1-249-437-11	CARBON	47K 5%	1/4W	T203	1-408-532-00	COIL, VARIABLE	
R299	1-249-413-11	CARBON	470 5%	1/4W	T204	1-408-513-00	COIL (VARIABLE)	
R301	△ 1-247-658-11	CARBON	47 5%	1/4W			<u>THERMISTOR</u>	
R302	1-249-437-11	CARBON	47K 5%	1/4W	TH101	1-800-070-XX	THERMISTOR TH-4700	
R303	1-249-415-11	CARBON	680 5%	1/4W	TH201	1-800-626-00	THERMISTOR	
R304	1-249-415-11	CARBON	680 5%	1/4W			<u>CRYSTAL</u>	
R305	1-249-415-11	CARBON	680 5%	1/4W	X101	1-567-505-11	OSCILLATOR, CRYSTAL	
R306	1-247-883-00	CARBON	150K 5%	1/4W	X102	1-567-504-11	OSCILLATOR, CRYSTAL	
R307	1-249-411-11	CARBON	330 5%	1/4W			<u>*A-1245-230-A F BOARD, COMPLETE</u>	
R308	1-249-434-11	CARBON	27K 5%	1/4W			*****	
R309	1-249-409-11	CARBON	220 5%	1/4W			*****	
R310	1-249-423-11	CARBON	3.3K 5%	1/4W			*****	
R311	1-215-462-00	CARBON	51K 5%	1/4W			*****	
R312	1-249-421-11	CARBON	2.2K 5%	1/4W			*****	
R313	1-249-425-11	CARBON	4.7K 5%	1/4W			*****	
R314	1-249-435-11	CARBON	33K 5%	1/4W			*****	
R315	1-249-419-11	CARBON	1.5K 5%	1/4W			*****	
R316	1-249-419-11	CARBON	1.5K 5%	1/4W			<u>CAPACITOR</u>	
R317	1-247-711-11	CARBON	680 5%	1/4W	C601	△ 1-108-745-52	MYLAR 0.22MF 20% 125V	
R318	1-249-408-11	CARBON	180 5%	1/4W	C602	△ 1-108-745-52	MYLAR 0.22MF 20% 125V	
R319	1-249-413-11	CARBON	470 5%	1/4W	C603	△ 1-161-953-51	CERAMIC 0.0047MF 20% 400V	
R322	1-249-427-11	CARBON	6.8K 5%	1/4W	C604	△ 1-161-953-51	CERAMIC 0.0047MF 20% 400V	
R324	1-247-711-11	CARBON	680 5%	1/4W	C605	△ 1-161-953-51	CERAMIC 0.0047MF 20% 400V	
R325	1-249-429-11	CARBON	10K 5%	1/4W	C606	△ 1-161-953-51	CERAMIC 0.0047MF 20% 400V	
R326	1-249-424-11	CARBON	3.9K 5%	1/4W	C607	△ 1-161-953-51	CERAMIC 0.0047MF 20% 400V	
R328	1-249-420-11	CARBON	1.8K 5%	1/4W	C608	1-161-953-00	CERAMIC 0.0047MF 20% 400V	
R329	1-249-424-11	CARBON	3.9K 5%	1/4W	C609	1-161-953-00	CERAMIC 0.0047MF 20% 400V	
R332	1-249-438-11	CARBON	56K 5%	1/4W	C610	△ 1-161-953-51	CERAMIC 0.0047MF 20% 400V	
R348	1-249-430-11	CARBON	12K 5%	1/4W	C611	1-125-260-00	ELECT(BLOCK) 470MF 200V	
R349	1-249-429-11	CARBON	10K 5%	1/4W	C612	1-123-335-00	ELECT 330MF 20% 25V	
		<u>VARIABLE RESISTOR</u>		C613	1-136-071-00	FILM 0.0057MF 3% 2KV		
RV101	1-226-845-00	RES, ADJ, CARBON	330		C614	1-123-337-00	ELECT 1000MF 20% 25V	
RV103	1-226-849-00	RES, ADJ, CARBON	3.3K		C615	1-123-333-00	ELECT 100MF 20% 16V	
RV104	1-226-852-00	RES, ADJ, CARBON	22K		C616	1-123-381-00	ELECT 2.2MF 20% 50V	

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

Les composants identifiés par une trame et une marque **△** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

F

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

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

F F2 Q

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R616	1-249-423-11	CARBON	3.3K 5% 1/4W			<u>DIODE</u>	
R618	1-247-881-00	CARBON	120K 5% 1/4W		D617	8-729-101-31	TRANSISTOR N13T1
R619	1-247-895-00	CARBON	470K 5% 1/4W		D620	8-719-102-90	DIODE RD10E-N2
R620	1-249-434-11	CARBON	27K 5% 1/4W				
R621	1-249-429-11	CARBON	10K 5% 1/4W			<u>TRANSISTOR</u>	
R622	1-215-441-00	METAL	6.8K 1% 1/6W		Q609	8-729-178-54	TRANSISTOR 2SC2785
R624	1-215-456-00	METAL	30K 1% 1/6W			<u>RESISTOR</u>	
R625	1-249-429-11	CARBON	10K 5% 1/4W		R655	1-244-919-51	CARBON 82K 5% 1/2W
R626	1-249-405-11	CARBON	100 5% 1/4W		R656	1-249-433-11	CARBON 22K 5% 1/4W
R627	1-249-437-11	CARBON	47K 5% 1/4W		R657	1-249-405-11	CARBON 100 5% 1/4W
R628	1-249-417-11	CARBON	1K 5% 1/4W		R658	1-247-883-00	CARBON 150K 5% 1/4W
R629	1-249-416-11	CARBON	820 5% 1/4W				
R630	1-249-409-11	CARBON	220 5% 1/4W				
R631	1-213-163-00	METAL OXIDE	47K 5% 1W F				
R632	A1-247-033-11	CARBON	100 5% 1/8W F				
<hr/>							
R640	A1-212-352-61	METAL OXIDE	0.22 5% 1W F		*A-1275-055-A	Q BOARD, COMPLETE	
R643	A1-217-418-21	FUSIBLE	0.47 10% 1/2W F			<hr/>	
R645	1-216-345-11	METAL OXIDE	0.47 5% 1W F		1-536-843-11	TERMINAL BOARD, INPUT/OUTPUT(B)	
R646	1-216-345-11	METAL OXIDE	0.47 5% 1W F		4-603-275-00	LOCK, SCREW	
R647	1-212-352-00	METAL OXIDE	0.22 5% 1W F			<u>CAPACITOR</u>	
R648	1-202-841-00	SOL ID	180K 10% 1/2W		C402	1-123-356-00	ELECT 10MF 20% 25V
R649	1-202-433-35	SOLID	120K 10% 1/4W		C403	1-102-949-00	CERAMIC 12PF 5% 50V
R650	1-249-417-11	CARBON	1K 5% 1/4W		C405	1-123-380-00	ELECT 1MF 20% 50V
R655	1-249-433-11	CARBON	22K 5% 1/4W		C407	1-123-356-00	ELECT 10MF 20% 25V
R659	A1-217-249-11	WIREDOWN	10% 3WAC 10%		C408	1-102-949-00	CERAMIC 12PF 5% 50V
R660	1-247-692-11	CARBON	22 5% 1/4W F		C410	1-123-380-00	ELECT 1MF 20% 50V
R665	1-249-466-11	CARBON	56K 5% 1/4W		C412	1-123-356-00	ELECT 10MF 20% 25V
R666	1-249-397-11	CARBON	22 5% 1/8W F		C413	1-102-949-00	CERAMIC 12PF 5% 50V
<hr/>							
<u>VARIABLE RESISTOR</u>							
RV601	1-224-249-XX	RES, ADJ, METAL GLAZE	1K		C415	1-123-380-00	ELECT 1MF 20% 50V
<u>TRANSFORMER</u>							
T601	A1-421-556-21	TRANSFORMER, LINE FILTER (LFT)			C417	1-123-332-00	ELECT 47MF 20% 25V
T602	A1-421-556-21	TRANSFORMER, LINE FILTER (LFT)			C419	1-106-383-00	MYLAR 0.047MF 10% 100V
T603	A1-421-692-11	SRT			C420	1-123-380-00	ELECT 1MF 20% 50V
T604	A1-421-678-11	TRANSFORMER, PULS			C422	1-106-383-00	MYLAR 0.047MF 10% 100V
<u>THERMISTOR</u>							
THP601	A1-800-686-32	THERMISTOR (POSITIVE)			C423	1-123-380-00	ELECT 1MF 20% 50V
THP602	1-806-449-11	THERMISTOR (POSITIVE)			C426	1-123-234-00	ELECT 10MF 20% 50V
<hr/>							
<u>*1-613-847-11 F2 BOARD</u>							
<u>*****</u>							
<u>*1-564-315-00 PIN ASSY, BOARD TO BOARD 7P</u>							
<u>CAPACITOR</u>							
C655	1-123-381-00	ELECT	2.2MF 20% 50V		C441	1-101-006-00	CERAMIC 0.047MF 50V
					C443	1-106-383-00	MYLAR 0.047MF 10% 100V
					C444	1-106-367-00	MYLAR 0.01MF 10% 100V
					C446	1-123-379-00	ELECT 0.47MF 20% 50V
					C447	1-123-379-00	ELECT 0.47MF 20% 50V
					C448	1-123-379-00	ELECT 0.47MF 20% 50V

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

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- The components identified by **A** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Q

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
C452	1-123-382-00	ELECT	3.3MF	20%	50V	D426	8-719-109-93	DIODE	RD6.2ES-B2		
C453	1-123-228-00	ELECT	1MF	20%	50V	D427	8-719-109-93	DIODE	RD6.2ES-B2		
C455	1-101-006-00	CERAMIC	0.047MF			D428	8-719-109-93	DIODE	RD6.2ES-B2		
C457	1-102-820-00	CERAMIC	330PF	5%	50V	D435	8-719-911-19	DIODE	ISS119		
C459	1-102-820-00	CERAMIC	330PF	5%	50V	D436	8-719-911-19	DIODE	ISS119		
C461	1-102-820-00	CERAMIC	330PF	5%	50V	D437	8-719-911-19	DIODE	ISS119		
C463	1-123-356-00	ELECT	10MF	20%	25V			<u>FUSE</u>			
C464	1-123-332-00	ELECT	47MF	20%	25V	F401	A-1-532-580-11	FUSE, GLASS TUBE	0.5A/125V		
C466	1-123-332-00	ELECT	47MF	20%	25V	F402	A-1-532-536-11	FUSE, GLASS-TUBE	1A/125V		
C467	1-101-006-00	CERAMIC	0.047MF			F403	A-1-532-580-11	FUSE, GLASS TUBE	0.5A/125V		
C468	1-101-006-00	CERAMIC	0.047MF					1-533-087-00	HOLDER, FUSE; F403		
C469	1-106-367-00	MYLAR	0.01MF	10%	100V	F404	A-1-532-580-11	FUSE, GLASS TUBE	0.5A/125V		
C489	1-123-332-00	ELECT	47MF	20%	25V			1-533-087-00	HOLDER, FUSE; F404		
C490	1-123-332-00	ELECT	47MF	20%	25V						
C491	1-123-332-00	ELECT	47MF	20%	25V						
C492	1-123-332-00	ELECT	47MF	20%	25V						
C493	1-101-361-00	CERAMIC	150PF	5%	50V						
C494	1-106-367-00	MYLAR	0.01MF	10%	100V						
C495	1-101-006-00	CERAMIC	0.047MF								
C497	1-123-356-00	ELECT	10MF	20%	25V						
<u>CONNECTOR</u>											
CN407	*1-562-243-00	CONNECTOR 25P									
Q1	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P									
Q2	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P									
Q3	*1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P									
Q4	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P									
Q5	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P									
Q7	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)									
<u>DIODE</u>											
D401	8-719-911-19	DIODE ISS119									
D402	8-719-911-19	DIODE ISS119									
D403	8-719-911-19	DIODE ISS119									
D404	8-719-100-38	DIODE RD6.2E-B2									
D405	8-719-100-38	DIODE RD6.2E-B2									
D406	8-719-100-38	DIODE RD6.2E-B2									
D407	8-719-100-38	DIODE RD6.2E-B2									
D408	8-719-911-19	DIODE ISS119									
D409	8-719-911-19	DIODE ISS119									
D410	8-719-911-19	DIODE ISS119									
D411	8-719-911-19	DIODE ISS119									
D412	8-719-911-19	DIODE ISS119									
D414	8-719-911-19	DIODE ISS119									
D415	8-719-911-19	DIODE ISS119									
D416	8-719-911-19	DIODE ISS119									
D418	8-719-100-38	DIODE RD6.2E-B2									
D419	8-719-100-38	DIODE RD6.2E-B2									
D420	8-719-911-19	DIODE ISS119									
D422	8-719-100-38	DIODE RD6.2E-B2									
D423	8-719-100-23	DIODE RD4.3E-B2									
D424	8-719-911-19	DIODE ISS119									
D425	8-719-100-38	DIODE RD6.2E-B2									

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

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Q

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
Q416	8-729-178-54	TRANSISTOR 2SC2785		R371	1-249-423-11	CARBON	3.3K 5% 1/4W
Q417	8-729-178-54	TRANSISTOR 2SC2785		R372	1-247-719-11	CARBON	3.3K 5% 1/4W
Q418	8-729-117-54	TRANSISTOR 2SA1175		R373	1-246-537-00	CARBON	470K 5% 1/4W
Q419	8-729-178-54	TRANSISTOR 2SC2785		R374	1-249-437-11	CARBON	47K 5% 1/4W
Q420	8-729-178-54	TRANSISTOR 2SC2785		R377	1-249-424-11	CARBON	3.9K 5% 1/4W
Q421	△ 8-729-101-37	TRANSISTOR 2SC2785TP-F		R378	1-249-429-11	CARBON	10K 5% 1/4W
Q422	8-729-178-54	TRANSISTOR 2SC2785		R379	1-247-711-11	CARBON	680 5% 1/4W
Q423	8-729-178-54	TRANSISTOR 2SC2785		R401	1-247-104-00	CARBON	75 5% 1/4W
Q424	8-729-117-54	TRANSISTOR 2SA1175		R402	1-247-713-11	CARBON	1K 5% 1/4W
Q425	8-729-178-54	TRANSISTOR 2SC2785		R403	1-215-468-00	CARBON	91K 5% 1/4W
Q426	8-729-178-54	TRANSISTOR 2SC2785		R404	1-249-418-11	CARBON	1.2K 5% 1/4W
Q429	8-729-178-54	TRANSISTOR 2SC2785		R405	1-249-434-11	CARBON	27K 5% 1/4W
Q430	8-729-117-54	TRANSISTOR 2SA1175		R406	1-249-428-11	CARBON	8.2K 5% 1/4W
Q431	8-729-178-54	TRANSISTOR 2SC2785		R407	1-249-416-11	CARBON	820 5% 1/4W
Q433	8-729-117-54	TRANSISTOR 2SA1175		R408	1-247-104-00	CARBON	75 5% 1/4W
Q434	8-729-117-54	TRANSISTOR 2SA1175		R409	1-247-713-11	CARBON	1K 5% 1/4W
Q435	8-729-117-54	TRANSISTOR 2SA1175		R410	1-215-468-00	CARBON	91K 5% 1/4W
Q442	8-729-178-54	TRANSISTOR 2SC2785		R411	1-249-418-11	CARBON	1.2K 5% 1/4W
Q443	8-729-178-54	TRANSISTOR 2SC2785		R412	1-249-434-11	CARBON	27K 5% 1/4W
Q444	8-729-178-54	TRANSISTOR 2SC2785		R413	1-249-428-11	CARBON	8.2K 5% 1/4W
Q445	8-729-117-54	TRANSISTOR 2SA1175		R414	1-249-416-11	CARBON	820 5% 1/4W
Q446	8-729-117-54	TRANSISTOR 2SA1175		R415	1-247-104-00	CARBON	75 5% 1/4W
Q447	8-729-178-54	TRANSISTOR 2SC2785		R416	1-247-713-11	CARBON	1K 5% 1/4W
Q448	8-729-117-54	TRANSISTOR 2SA1175		R417	1-215-468-00	CARBON	91K 5% 1/4W
Q449	8-729-178-54	TRANSISTOR 2SC2785		R418	1-249-418-11	CARBON	1.2K 5% 1/4W
Q450	8-729-117-54	TRANSISTOR 2SA1175		R419	1-249-434-11	CARBON	27K 5% 1/4W
Q451	8-729-178-54	TRANSISTOR 2SC2785		R420	1-249-428-11	CARBON	8.2K 5% 1/4W
Q452	8-729-117-54	TRANSISTOR 2SA1175		R421	1-249-416-11	CARBON	820 5% 1/4W
Q453	8-729-178-54	TRANSISTOR 2SC2785		R422	1-249-466-11	CARBON	56K 5% 1/4W
Q454	8-729-117-54	TRANSISTOR 2SA1175		R423	1-247-885-00	CARBON	180K 5% 1/4W
Q455	8-729-178-54	TRANSISTOR 2SC2785		R424	1-249-440-11	CARBON	82K 5% 1/4W
Q456	8-729-178-54	TRANSISTOR 2SC2785		R425	1-249-437-11	CARBON	47K 5% 1/4W
Q457	8-729-117-54	TRANSISTOR 2SA1175		R426	1-249-427-11	CARBON	6.8K 5% 1/4W
				R427	1-249-425-11	CARBON	4.7K 5% 1/4W
				R428	1-249-466-11	CARBON	56K 5% 1/4W
<u>RESISTOR</u>							
R351	1-249-429-11	CARBON	10K 5% 1/4W	R429	1-247-885-00	CARBON	180K 5% 1/4W
R352	1-249-409-11	CARBON	220 5% 1/4W	R430	1-249-440-11	CARBON	82K 5% 1/4W
R353	1-249-429-11	CARBON	10K 5% 1/4W	R431	1-249-437-11	CARBON	47K 5% 1/4W
R354	1-249-409-11	CARBON	220 5% 1/4W	R432	1-249-427-11	CARBON	6.8K 5% 1/4W
R355	1-249-405-11	CARBON	100 5% 1/4W	R433	1-249-425-11	CARBON	4.7K 5% 1/4W
R356	1-247-711-11	CARBON	680 5% 1/4W	R434	△ 1-247-807-31	CARBON	100 5% 1/4W
R357	1-247-711-11	CARBON	680 5% 1/4W	R435	1-249-441-11	CARBON	100K 5% 1/4W
R358	1-249-415-11	CARBON	680 5% 1/4W	R436	1-246-445-00	CARBON	68 5% 1/4W
R359	1-249-415-11	CARBON	680 5% 1/4W	R437	1-247-713-11	CARBON	1K 5% 1/4W
R361	1-247-711-11	CARBON	680 5% 1/4W	R438	1-249-421-11	CARBON	2.2K 5% 1/4W
R362	1-247-711-11	CARBON	680 5% 1/4W	R439	1-247-725-11	CARBON	10K 5% 1/4W
R364	1-249-415-11	CARBON	680 5% 1/4W	R440	1-215-468-00	CARBON	91K 5% 1/4W
R365	1-247-711-11	CARBON	680 5% 1/4W	R442	1-249-434-11	CARBON	27K 5% 1/4W
R366	1-246-457-00	CARBON	220 5% 1/4W	R443	1-249-428-11	CARBON	8.2K 5% 1/4W
R367	1-246-457-00	CARBON	220 5% 1/4W	R444	1-246-445-00	CARBON	68 5% 1/4W
R368	1-249-429-11	CARBON	10K 5% 1/4W	R445	1-247-713-11	CARBON	1K 5% 1/4W
R369	1-249-409-11	CARBON	220 5% 1/4W	R446	1-249-421-11	CARBON	2.2K 5% 1/4W
R370	1-249-409-11	CARBON	220 5% 1/4W	R447	1-247-725-11	CARBON	10K 5% 1/4W

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

Les composants identifiés par une trame et une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Q

Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
R448	1-215-468-00	CARBON	91K	5%	1/4W	R666	1-249-412-11	CARBON	390	5%	1/4W
R450	1-249-434-11	CARBON	27K	5%	1/4W	R1401	1-249-421-11	CARBON	2.2K	5%	1/4W
R451	1-249-428-11	CARBON	8.2K	5%	1/4W	R1402	1-249-417-11	CARBON	1K	5%	1/4W
R452	1-246-445-00	CARBON	68	5%	1/4W	R1403	1-249-432-11	CARBON	18K	5%	1/4W
R453	1-247-713-11	CARBON	1K	5%	1/4W	R1404	1-249-424-11	CARBON	3.9K	5%	1/4W
R454	1-249-421-11	CARBON	2.2K	5%	1/4W	R1405	1-249-429-11	CARBON	10K	5%	1/4W
R455	1-247-725-11	CARBON	10K	5%	1/4W	R1406	1-249-423-11	CARBON	3.3K	5%	1/4W
R456	1-215-468-00	CARBON	91K	5%	1/4W	R1413	1-247-720-11	CARBON	3.9K	5%	1/4W
R458	1-249-434-11	CARBON	27K	5%	1/4W	R1414	1-247-708-11	CARBON	470	5%	1/4W
R459	1-249-428-11	CARBON	8.2K	5%	1/4W	R1415	1-247-722-11	CARBON	5.6K	5%	1/4W
R460	1-247-700-11	CARBON	100	5%	1/4W	R1417	1-249-413-11	CARBON	470	5%	1/4W
R461	1-249-421-11	CARBON	2.2K	5%	1/4W	R1419	1-249-419-11	CARBON	1.5K	5%	1/4W
R462	1-249-417-11	CARBON	1K	5%	1/4W	R1420	1-249-425-11	CARBON	4.7K	5%	1/4W
R463	1-249-424-11	CARBON	3.9K	5%	1/4W	R1421	1-249-417-11	CARBON	1K	5%	1/4W
R465	1-249-419-11	CARBON	1.5K	5%	1/4W	R1423	1-249-415-11	CARBON	680	5%	1/4W
R466	1-249-411-11	CARBON	330	5%	1/4W	R1432	1-249-429-11	CARBON	10K	5%	1/4W
R467	1-249-416-11	CARBON	820	5%	1/4W	R1433	1-249-423-11	CARBON	3.3K	5%	1/4W
R468	1-249-419-11	CARBON	1.5K	5%	1/4W	R1434	1-215-438-00	CARBON	5.1K	5%	1/4W
R469	1-249-411-11	CARBON	330	5%	1/4W	R1435	1-249-418-11	CARBON	1.2K	5%	1/4W
R470	1-249-416-11	CARBON	820	5%	1/4W	R1436	1-249-436-11	CARBON	39K	5%	1/4W
R471	1-249-419-11	CARBON	1.5K	5%	1/4W	R1437	1-249-429-11	CARBON	10K	5%	1/4W
R472	1-249-411-11	CARBON	330	5%	1/4W	R1438	1-249-426-11	CARBON	5.6K	5%	1/4W
R473	1-249-416-11	CARBON	820	5%	1/4W	R1439	1-249-425-11	CARBON	4.7K	5%	1/4W
R474	1-249-425-11	CARBON	4.7K	5%	1/4W	R1441	1-249-433-11	CARBON	22K	5%	1/4W
R475	1-249-428-11	CARBON	8.2K	5%	1/4W	R1442	1-215-491-00	CARBON	820K	5%	1/4W
R476	1-249-417-11	CARBON	1K	5%	1/4W	R1443	1-215-491-00	CARBON	820K	5%	1/4W
R477	1-249-425-11	CARBON	4.7K	5%	1/4W	R1444	1-215-491-00	CARBON	820K	5%	1/4W
R478	1-249-425-11	CARBON	4.7K	5%	1/4W	R1445	1-249-436-11	CARBON	39K	5%	1/4W
R479	1-249-425-11	CARBON	4.7K	5%	1/4W	R1446	1-249-435-11	CARBON	33K	5%	1/4W
R480	1-246-445-00	CARBON	68	5%	1/4W	R1447	1-246-527-00	CARBON	180K	5%	1/4W
R481	1-247-717-11	CARBON	2.2K	5%	1/4W	R1448	1-249-426-11	CARBON	5.6K	5%	1/4W
R482	1-249-421-11	CARBON	2.2K	5%	1/4W	R1449	1-249-421-11	CARBON	2.2K	5%	1/4W
R483	1-249-405-11	CARBON	100	5%	1/4W	R1451	1-249-417-11	CARBON	1K	5%	1/4W
R484	1-249-429-11	CARBON	10K	5%	1/4W	R1452	1-249-423-11	CARBON	3.3K	5%	1/4W
R485	1-215-468-00	CARBON	91K	5%	1/4W	R1453	1-249-417-11	CARBON	1K	5%	1/4W
R486	1-249-434-11	CARBON	27K	5%	1/4W	R1454	1-249-423-11	CARBON	3.3K	5%	1/4W
R487	1-249-428-11	CARBON	8.2K	5%	1/4W	R1455	1-249-421-11	CARBON	2.2K	5%	1/4W
R488	1-246-457-00	CARBON	220	5%	1/4W	R1456	1-249-413-11	CARBON	470	5%	1/4W
R489	1-247-721-11	CARBON	4.7K	5%	1/4W	R1457	1-249-421-11	CARBON	2.2K	5%	1/4W
R490	1-249-419-11	CARBON	1.5K	5%	1/4W	R1458	1-249-401-11	CARBON	47	5%	1/4W
R491	1-249-421-11	CARBON	2.2K	5%	1/4W	R1459	1-249-414-11	CARBON	560	5%	1/4W
R492	1-249-416-11	CARBON	820	5%	1/4W	R1460	1-249-397-11	CARBON	22	5%	1/4W
R493	1-247-819-31	CARBON	330	5%	1/4W	R1461	1-249-421-11	CARBON	2.2K	5%	1/4W
R494	1-249-429-11	CARBON	4.7K	5%	1/4W	R1462	1-249-413-11	CARBON	470	5%	1/4W
R495	1-249-433-11	CARBON	22K	5%	1/4W	R1463	1-249-421-11	CARBON	2.2K	5%	1/4W
R496	1-249-437-11	CARBON	47K	5%	1/4W	R1464	1-249-401-11	CARBON	47	5%	1/4W
R497	1-249-429-11	CARBON	10K	5%	1/4W	R1465	1-249-414-11	CARBON	560	5%	1/4W
R499	1-249-411-11	CARBON	330	5%	1/4W	R1466	1-249-397-11	CARBON	22	5%	1/4W
R661	1-247-703-11	CARBON	180	5%	1/4W	R1467	1-249-421-11	CARBON	2.2K	5%	1/4W
R662	1-247-703-11	CARBON	180	5%	1/4W	R1468	1-249-413-11	CARBON	470	5%	1/4W
R663	1-247-703-11	CARBON	180	5%	1/4W	R1469	1-249-421-11	CARBON	2.2K	5%	1/4W
R664	1-249-412-11	CARBON	390	5%	1/4W	R1470	1-249-401-11	CARBON	47	5%	1/4W
R665	1-249-412-11	CARBON	390	5%	1/4W	R1471	1-249-414-11	CARBON	560	5%	1/4W

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

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Q C1

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R1472	1-249-397-11	CARBON	22 5% 1/4W	C712	1-129-737-00	FILM	0.047MF 20% 630V
R1473	1-249-428-11	CARBON	8.2K 5% 1/4W	C713	1-123-356-00	ELECT	10MF 20% 50V
R1474	1-249-427-11	CARBON	6.8K 5% 1/4W	C714	1-102-249-00	CERAMIC	680PF 20% 2KV
R1475	1-249-429-11	CARBON	10K 5% 1/4W	C715	1-102-219-00	CERAMIC	680PF 10% 1KV
R1476	1-249-409-11	CARBON	220 5% 1/4W	C716	1-161-731-00	CERAMIC	0.001MF 10% 2KV
<u>DIODE</u>							
R1477	1-249-409-11	CARBON	220 5% 1/4W	D701	8-719-300-76	DIODE RH1A	
R1478	1-249-409-11	CARBON	220 5% 1/4W	D702	8-719-300-76	DIODE RH1A	
R1479	1-249-425-11	CARBON	4.7K 5% 1/4W	D703	8-719-300-76	DIODE RH1A	
R1480	1-249-425-11	CARBON	4.7K 5% 1/4W				
R1481	1-249-417-11	CARBON	1K 5% 1/4W				
<u>COIL</u>							
R1482	1-249-429-11	CARBON	10K 5% 1/4W	L701	1-407-701-00	INDUCTOR	47UH
R1483	1-249-429-11	CARBON	10K 5% 1/4W	L702	1-407-701-00	INDUCTOR	47UH
R1484	1-247-725-11	CARBON	10K 5% 1/4W	L703	1-407-701-00	INDUCTOR	47UH
R1485	1-246-457-00	CARBON	220 5% 1/4W	L704	1-407-701-00	INDUCTOR	47UH
R1486	1-247-725-11	CARBON	10K 5% 1/4W				
R1487	1-246-457-00	CARBON	220 5% 1/4W				
R1488	1-247-725-11	CARBON	10K 5% 1/4W				
R1489	1-246-457-00	CARBON	220 5% 1/4W				
R1490	1-247-725-11	CARBON	10K 5% 1/4W				
R1492	1-246-457-00	CARBON	220 5% 1/4W				
<u>VARIABLE RESISTOR</u>							
RV401	1-226-853-00	RES, ADJ, CARBON	47K				
RV402	1-226-852-00	RES, ADJ, CARBON	22K				
RV403	1-226-852-00	RES, ADJ, CARBON	22K				
RV404	1-226-852-00	RES, ADJ, CARBON	22K				
RV405	1-226-852-00	RES, ADJ, CARBON	22K				
<u>SWITCH</u>							
S401	1-553-725-00	SWITCH, SLIDE		R701	1-249-421-11	CARBON	2.2K 5% 1/4W
S402	1-553-725-00	SWITCH, SLIDE		R702	1-249-413-11	CARBON	470 5% 1/4W
S403	1-553-725-00	SWITCH, SLIDE		R703	1-249-413-11	CARBON	470 5% 1/4W

*A-1330-541-A C1 BOARD, COMPLETE							

1-526-645-00 SOCKET, CRT							
<u>CONNECTOR</u>							
C1	*1-508-765-00	3P PLUG (M)		R712	1-247-793-00	CARBON	27 5% 1/4W
C2	*1-508-786-00	2P PLUG (M)		R713	1-206-743-00	METAL OXIDE	5.6K 5% 3W F
<u>CAPACITOR</u>							
C701	1-123-356-00	ELECT	10MF	R714	1-249-408-11	CARBON	180 5% 1/4W
C703	1-102-116-00	CERAMIC	680PF	R715	1-247-838-00	CARBON	2K 5% 1/4W
C704	1-124-039-51	ELECT	10MF	R716	1-247-838-00	CARBON	2K 5% 1/4W
C705	1-102-115-00	CERAMIC	560PF	R717	1-249-421-11	CARBON	2.2K 5% 1/4W
C706	1-124-039-51	ELECT	10MF				
C707	1-102-116-00	CERAMIC	680PF				
C708	1-124-039-51	ELECT	10MF				
C709	1-121-759-00	ELECT	4.7MF				
C710	1-106-387-00	MYLAR	0.1MF				
C711	1-102-038-00	CERAMIC	0.001MF				
				R723	1-249-391-11	CARBON	6.8 5% 1/6W
				R724	1-247-838-00	CARBON	2K 5% 1/4W
				R725	1-247-694-11	CARBON	33 5% 1/4W
				R726	1-244-925-00	CARBON	150K 5% 1/2W
				R727	1-202-824-00	SOL ID	3.3K 10% 1/2W

C1 C2 D

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R728	1-202-824-00	SOLID	3.3K 10% 1/2W	C509	1-123-380-00	ELECT	1MF 20% 50V
R729	1-202-824-00	SOLID	3.3K 10% 1/2W	C511	1-123-356-00	ELECT	10MF 20% 25V
R730	1-202-815-11	SOLID	47K 10% 1/2W	C512	1-123-380-00	ELECT	1MF 20% 50V
R731	1-202-719-00	SOLID	1M 10% 1/2W	C513	1-130-487-00	MYLAR	0.022MF 5% 50V
R732	1-202-722-00	SOLID	1.8M 10% 1/2W	C514	1-130-491-00	MYLAR	0.047MF 5% 50V
R733	1-202-719-00	SOLID	1M 10% 1/2W	C515	1-124-514-11	ELECT	100MF 20% 50V
R734	1-202-824-00	SOLID	3.3K 10% 1/2W	C516	1-102-228-00	CERAMIC	470PF 10% 500V
R735	1-202-720-00	SOLID	1.2M 10% 1/2W	C517	1-106-375-12	MYLAR	0.022MF 10% 100V
R736	1-202-834-00	SOLID	27K 10% 1/2W	C518	1-123-356-00	ELECT	10MF 20% 25V
R737	1-202-549-00	SOLID	100 5% 1/2W	C519	1-123-228-00	ELECT	1MF 20% 50V
R738	1-202-842-11	SOLID	220K 10% 1/2W	C520	1-123-330-00	ELECT	22MF 20% 25V
<u>VARIABLE RESISTOR</u>				C521	1-123-336-00	ELECT	470MF 20% 25V
RV701	1-228-719-00	RES, ADJ, CERAMIC CARBON	470	C522	1-123-330-00	ELECT	22MF 20% 16V
RV702	1-228-723-00	RES, ADJ, CERAMIC CARBON	4.7K	C523	1-123-330-00	ELECT	1MF 20% 50V
RV703	1-228-719-00	RES, ADJ, CERAMIC CARBON	470	C524	1-123-380-00	ELECT	0.015MF 5% 50V
RV704	1-228-723-00	RES, ADJ, CERAMIC CARBON	4.7K	C525	1-130-485-00	MYLAR	3.3MF 10% 25V
RV705	1-228-719-00	RES, ADJ, CERAMIC CARBON	470	C526	1-131-356-00	TANTALUM	470MF 20% 16V
RV706	1-228-723-00	RES, ADJ, CERAMIC CARBON	4.7K	C527	1-126-103-11	ELECT	3.3MF 20% 50V
RV707	1-228-719-00	RES, ADJ, CERAMIC CARBON	470	C528	1-123-382-00	ELECT	1MF 20% 50V
RV708	1-228-723-00	RES, ADJ, CERAMIC CARBON	4.7K	C529	1-123-228-00	ELECT	0.001MF 5% 50V
RV709	1-228-719-00	RES, ADJ, CERAMIC CARBON	470	C530	1-130-483-00	MYLAR	0.047MF 5% 50V
RV710	1-228-723-00	RES, ADJ, CERAMIC CARBON	4.7K	C531	1-130-491-00	MYLAR	1MF 20% 50V
RV711	1-228-719-00	RES, ADJ, CERAMIC CARBON	470	C532	1-123-380-00	ELECT	0.001MF 5% 50V
RV712	1-228-723-00	RES, ADJ, CERAMIC CARBON	4.7K	C533	1-123-356-00	ELECT	2.2MF 20% 50V
RV713	1-226-114-00	RES, ADJ, METAL GLAZE	2.2M	C534	1-106-343-00	MYLAR	100PF 5% 50V
RV714	1-226-063-00	RES, ADJ, CARBON	2.2M	C535	1-123-333-00	ELECT	1MF 20% 50V
*****				C536	1-123-336-00	ELECT	470MF 20% 25V
*****				C537	1-123-381-00	ELECT	2.2MF 20% 50V
*****				C538	1-102-973-00	CERAMIC	100PF 5% 50V
*****				C751	1-123-380-00	ELECT	1MF 20% 50V
*1-613-038-11 C2 BOARD				C752	1-123-381-00	ELECT	2.2MF 20% 50V
*****				C753	1-124-791-11	ELECT	1MF 20% 50V
CONNECTOR				C755	1-130-495-00	MYLAR	0.1MF 5% 50V
C4 *1-560-129-00 PLUG, CONNECTOR (2.5MM) 9P				C756	1-124-791-11	ELECT	1MF 20% 50V
C5 *1-560-129-00 PLUG, CONNECTOR (2.5MM) 9P				C757	1-162-117-00	CERAMIC	100PF 10% 500V
*****				C758	1-108-824-00	MYLAR	0.47MF 5% 50V
SWITCH				C759	1-123-356-00	ELECT	10MF 20% 25V
S701 1-554-974-11 SWITCH, SLIDE				C760	1-124-126-00	ELECT	47MF 20% 25V
*****				C761	1-123-382-00	ELECT	3.3MF 20% 50V
*****				C762	1-123-330-00	ELECT	22MF 20% 25V
*****				C764	1-123-334-00	ELECT	220MF 20% 25V
*A-1345-472-A D BOARD, COMPLETE				C766	1-123-380-00	ELECT	1MF 20% 50V
*****				C767	1-123-380-00	ELECT	1MF 20% 50V
3-701-833-01 HEAD, WASHER, TAPPING SCREW				C768	1-106-220-00	MYLAR	0.1MF 10% 100V
*****				C769	1-124-126-00	ELECT	47MF 20% 25V
CAPACITOR				C801	1-136-173-00	FILM	0.47MF 5% 50V
C503 1-102-121-00 CERAMIC				C802	1-123-381-00	ELECT	2.2MF 20% 50V
C504 1-106-379-12 MYLAR				C803	1-101-888-00	CERAMIC	68PF 5% 50V
C505 1-123-380-00 ELECT				C804	1-123-380-00	ELECT	1MF 20% 50V
C506 1-130-485-00 MYLAR				C805	1-101-361-00	CERAMIC	150PF 5% 50V
C507 1-123-380-00 ELECT				C806	1-106-343-00	MYLAR	0.001MF 5% 50V
C508 1-136-173-00 FILM				C807	1-101-361-00	CERAMIC	150PF 5% 50V
*****				C808	1-123-369-00	ELECT	4.7MF 20% 25V

D

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark			
C810	1-106-359-00	MYLAR	0.0047MF 5%	50V	C873	1-126-103-11	ELECT	470MF 20%	16V	
C811	1-106-367-00	MYLAR	0.01MF 10%	100V	C874	1-106-367-00	MYLAR	0.01MF 10%	100V	
C813	1-106-375-12	MYLAR	0.022MF 10%	100V	C876	1-102-816-00	CERAMIC	120PF 5%	50V	
C814	1-106-351-00	MYLAR	0.0022MF 10%	100V	C877	1-101-361-00	CERAMIC	150PF 5%	50V	
C815	1-129-794-00	FILM	0.0033MF 5%	100V	C879	1-101-361-00	CERAMIC	150PF 5%	50V	
C816	1-123-381-00	ELECT	2.2MF 20%	50V	C880	1-101-888-00	CERAMIC	68PF 5%	50V	
C817	1-123-381-00	ELECT	2.2MF 20%	50V	C881	1-102-820-00	CERAMIC	330PF 5%	50V	
C818	1-123-330-00	ELECT	22MF 20%	25V	C883	1-108-818-11	MYLAR	0.15MF 5%	50V	
C819	1-123-330-00	ELECT	22MF 20%	25V	C884	1-123-356-00	ELECT	10MF 20%	25V	
C821	1-123-381-00	ELECT	2.2MF 20%	50V	C885	1-130-493-00	MYLAR	0.068MF 5%	50V	
C822	1-123-380-00	ELECT	1MF 20%	50V	C886	1-106-351-00	MYLAR	0.0022MF 5%	50V	
C823	1-123-356-00	ELECT	10MF 20%	16V	C887	1-123-332-00	ELECT	47MF 20%	16V	
C824	1-123-356-00	ELECT	10MF 20%	50V	C888	1-126-103-11	ELECT	470MF 20%	16V	
C825	1-123-322-00	ELECT	330MF 20%	16V	C889	1-108-818-11	MYLAR	0.15MF 5%	50V	
C827	1-123-379-00	ELECT	0.47MF 20%	50V	C895	1-102-512-00	CERAMIC	16PF 5%	50V	
C828	1-102-820-00	CERAMIC	330PF 5%	50V	<u>CONNECTOR</u>					
C829	1-106-385-00	MYLAR	0.056MF 10%	200V	D1	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P			
C830	1-102-030-00	CERAMIC	330PF 10%	500V	D2	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)			
C832	△ 1-161-961-11	CERAMIC	0.0022MF 10%	3KV	D3	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P			
C833	1-106-387-00	MYLAR	0.068MF 10%	200V	D4	*1-508-765-00	3P PLUG (M)			
C834	△ 1-136-064-11	FILM	0.002MF 3%	2KV	D5	*1-508-765-00	3P PLUG (M)			
C835	△ 1-136-079-11	FILM	0.01MF 3%	2KV	D6	*1-564-038-00	CONNECTOR PLUG, DY (MINI) 6P			
C836	1-136-186-00	FILM	2.4MF 5%	200V	D7	*1-508-766-00	4P PLUG (M)			
C837	1-106-387-00	MYLAR	0.1MF 10%	200V	D8	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			
C838	1-136-112-00	FILM	1.4MF 5%	200V	D9	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P			
C839	1-130-566-00	MYLAR	2.2MF 10%	250V	D10	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH)			
C840	1-136-123-00	FILM	0.51MF 5%	400V	D11	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P			
C841	1-123-267-00	ELECT	2.2MF 20%	160V	D12	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P			
C842	1-106-357-00	MYLAR	0.0039MF 10%	100V	<u>DIODE</u>					
C843	1-123-380-00	ELECT	1MF 20%	50V	D44	1-123-322-00	ELECT	330MF 20%	16V	
C844	1-123-347-00	ELECT	330MF 20%	35V	D501	8-719-100-23	DIODE RD4.3E-B2			
C846	1-123-347-00	ELECT	330MF 20%	35V	D502	8-719-911-19	DIODE 1SS119			
C849	1-130-495-00	MYLAR	0.1MF 5%	50V	D504	8-719-911-19	DIODE 1SS119			
C850	1-129-706-00	FILM	0.0022MF 10%	630V	D505	8-719-911-19	DIODE 1SS119			
C851	1-106-367-00	MYLAR	0.01MF 10%	200V	D506	8-719-911-55	DIODE U05G			
C852	1-123-337-00	ELECT	1000MF 20%	25V	D507	8-719-911-19	DIODE 1SS119			
C853	1-102-212-00	CERAMIC	820PF 10%	500V	D509	8-719-911-19	DIODE 1SS119			
C854	1-121-999-00	ELECT	10MF 160V	160V	D751	8-719-911-19	DIODE 1SS119			
C855	1-123-024-00	ELECT	33MF 160V	160V	D752	8-719-911-19	DIODE 1SS119			
C856	1-106-383-00	MYLAR	0.047MF 10%	200V	D753	8-719-911-19	DIODE 1SS119			
C857	1-102-223-00	CERAMIC	0.0047MF 10%	2KV	D754	8-719-911-19	DIODE 1SS119			
C858	1-102-971-00	CERAMIC	82PF 5%	50V	D801	8-719-911-55	DIODE U05G			
C859	1-123-369-00	ELECT	4.7MF 20%	50V	D802	8-719-911-19	DIODE 1SS119			
C860	1-123-332-00	ELECT	47MF 20%	25V	D803	8-719-100-30	DIODE RD5.1E-B2			
C861	△ 1-136-065-11	FILM	0.0027MF 3%	2KV	D804	8-719-100-80	DIODE RD20E-B2			
C862	△ 1-136-066-11	FILM	0.003MF 3%	2KV	D805	8-719-305-15	DIODE GH3F			
C863	△ 1-136-064-11	FILM	0.002MF 3%	2KV	D806	8-719-928-08	DIODE ERD28-08S			
C865	1-106-367-00	MYLAR	0.01MF 10%	200V	D807	8-719-918-77	DIODE V19G			
C866	1-101-361-00	CERAMIC	150PF 5%	50V	D808	8-719-918-77	DIODE V19G			
C868	1-123-356-00	ELECT	10MF 20%	16V	D809	8-719-300-76	DIODE RH1A			
C870	1-123-332-00	ELECT	47MF 20%	25V	D810	8-719-903-09	DIODE V30N			
C871	1-123-380-00	ELECT	1MF 20%	50V	D811	8-719-911-19	DIODE 1SS119			
C872	1-106-367-00	MYLAR	0.01MF 10%	100V						

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

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

D

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
D812	8-719-300-76	DIODE RH1A		Q755	8-729-378-91	TRANSISTOR 2SD789	
D813	8-719-300-76	DIODE RH1A		Q756	8-729-378-91	TRANSISTOR 2SD789	
D814	8-719-911-19	DIODE 1SS119		Q757 A	8-729-378-91	TRANSISTOR 2SD789-3	REPLACEMENT PART
D815	8-719-911-19	DIODE 1SS119		Q758 A	8-729-374-01	TRANSISTOR 2SB740-2	REPLACEMENT PART
D816	8-719-911-19	DIODE 1SS119		Q760	8-729-178-54	TRANSISTOR 2SC2785	
D817	8-719-100-65	DIODE RD12E-B2		Q801	8-729-178-54	TRANSISTOR 2SC2785	
D818	8-719-911-55	DIODE U05G		Q802	8-729-117-54	TRANSISTOR 2SA1175	
		<u>IC</u>		Q803	8-729-178-54	TRANSISTOR 2SC2785	
IC501	8-759-100-60	IC UPC1377C		Q804	8-729-168-82	TRANSISTOR 2SC2688	
IC502	8-759-979-16	IC CX7916	*4-363-404-00	Q805	8-729-800-87	TRANSISTOR 2SD1398	
IC503	8-759-105-82	IC UPC1378H-P	4-363-414-00			HOLDER, IC; Q805	
IC504	8-759-145-58	IC UPC4558C	Q806 A	8-729-313-82	TRANSISTOR 2SD1138-C	REPLACEMENT PART	
IC801	8-759-345-38	IC HD14538BP	Q807	8-729-900-36	TRANSISTOR DTC124ES		
IC802	8-759-240-11	IC TC4011BP	Q808	8-729-900-36	TRANSISTOR DTC124ES		
IC803	8-759-145-58	IC UPC4558C		Q810	8-729-900-36	TRANSISTOR DTC124ES	
IC804	8-759-905-39	IC TDA1082		Q811	8-729-117-54	TRANSISTOR 2SA1175	
IC805	8-759-700-06	IC NJM7812B		Q812	8-729-178-54	TRANSISTOR 2SC2785	
*4-323-833-00	HEAT SINK, PIN OUT; IC805			Q813	8-729-900-36	TRANSISTOR DTC124ES	
				Q816	8-729-178-54	TRANSISTOR 2SC2785	
		<u>COIL</u>		Q817	8-729-117-54	TRANSISTOR 2SA1175	
L501	1-408-231-00	INDUCTOR	1MMH	Q818	8-729-117-54	TRANSISTOR 2SA1175	
L752	1-407-508-00	INDUCTOR	22MMH	Q819	8-729-178-54	TRANSISTOR 2SC2785	
L753	1-408-247-00	INDUCTOR	33MMH	Q820	8-729-178-54	TRANSISTOR 2SC2785	
L802	1-408-349-00	COIL, CHOKE		Q821	8-729-178-54	TRANSISTOR 2SC2785	
L803	1-408-238-00	INDUCTOR	3.9MMH				
L804 A	1-459-241-12	COIL, HORIZONTAL LINIALITY		Q822	8-729-178-54	TRANSISTOR 2SC2785	
L805 A	1-459-568-11	COIL, CHOKE 980UH		Q823	8-729-178-54	TRANSISTOR 2SC2785	
L806	1-407-365-00	COIL, CHOKE		Q824	8-729-178-54	TRANSISTOR 2SC2785	
L807	1-459-104-00	COIL, DUST CORE					
L808	1-407-364-00	COIL, SPOOK CHOKE 3.3UH					
		<u>TRANSISTOR</u>					
L809	1-407-841-00	COIL 15UH		R504	1-249-425-11	CARBON	4.7K 5% 1/4W
L810	1-408-074-00	INDUCTOR	56UH	R505	1-249-436-11	CARBON	39K 5% 1/4W
L811	1-459-155-00	COIL (WITH CORE)	45UH	R506	1-249-435-11	CARBON	33K 5% 1/4W
L812	1-459-115-00	COIL, DCC-H		R507	1-215-455-00	METAL	27K 1% 1/6W
L814	1-407-841-00	COIL 15UH		R508	1-249-418-11	CARBON	1.2K 5% 1/4W
L816	1-408-247-00	INDUCTOR	33MMH				
		<u>RESISTOR</u>		R509	1-215-473-00	METAL	150K 1% 1/6W
Q502	8-729-900-36	TRANSISTOR DTC124ES		R510	1-215-461-00	METAL	47K 1% 1/6W
Q503	8-729-900-36	TRANSISTOR DTC124ES		R513	1-215-479-00	METAL	270K 1% 1/6W
Q504	8-729-900-36	TRANSISTOR DTC124ES		R514	1-215-463-00	METAL	56K 1% 1/6W
Q505	8-729-900-63	TRANSISTOR DTA124ES		R515	1-215-410-00	CARBON	360 5% 1/4W
Q507	8-729-117-54	TRANSISTOR 2SA1175					
Q508	8-729-178-54	TRANSISTOR 2SC2785		R516	1-249-415-11	CARBON	680 5% 1/4W
Q509	8-729-900-36	TRANSISTOR DTC124ES		R517	1-215-418-00	CARBON	750 5% 1/4W
Q510	8-723-305-00	TRANSISTOR 2SK43-5		R518	1-249-409-11	CARBON	220 5% 1/4W
Q751	8-729-178-54	TRANSISTOR 2SC2785		R519	1-249-441-11	CARBON	100K 5% 1/4W
Q752	8-729-313-42	TRANSISTOR 2SD1134		R520	1-249-425-11	CARBON	4.7K 5% 1/4W
Q753	8-729-306-92	TRANSISTOR 2SD669A					
*4-329-153-00	HEAT SINK, V OUT; Q753			R521	1-215-476-00	CARBON	200K 5% 1/4W
Q754	8-729-304-92	TRANSISTOR 2SB649A		R522	1-215-458-00	METAL	36K 1% 1/6W
*4-329-153-00	HEAT SINK, V OUT; Q754			R524	1-215-432-00	CARBON	3K 5% 1/4W
				R525	1-249-430-11	CARBON	12K 5% 1/4W
				R526	1-215-436-00	CARBON	4.3K 5% 1/4W
				R527	1-249-433-11	CARBON	22K 5% 1/4W
				R528 A	1-215-373-31	METAL	10 1% 1/6W
				R529	1-215-866-11	METAL OXIDE	330 5% 1W F

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

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

D

Ref.No.	Part No.	Description		Remark	Ref.No.	Part No.	Description		Remark				
R530	1-215-866-11	METAL OXIDE	330	5%	1W	F	R593	1-249-413-11	CARBON	470	5%	1/4W	
R531	1-215-464-00	CARBON	62K	5%	1/4W		R594	1-249-417-11	CARBON	1K	5%	1/4W	
R532	1-215-460-00	CARBON	43K	5%	1/4W		R595	1-249-417-11	CARBON	1K	5%	1/4W	
R533	1-249-442-11	CARBON	510	5%	1/4W		R596	1-249-409-11	CARBON	220	5%	1/4W	
R534	1-249-442-11	CARBON	510	5%	1/4W		R597	1-249-417-11	CARBON	1K	5%	1/4W	
R542	1-212-366-00	METAL OXIDE	3.3	5%	1W	F	R751	1-215-464-00	CARBON	62K	5%	1/4W	
R544	1-247-746-11	CARBON	390	5%	1/2W		R753	1-249-439-11	CARBON	68K	5%	1/4W	
R545	1-249-420-11	CARBON	1.8K	5%	1/4W		R754	1-249-432-11	CARBON	18K	5%	1/4W	
R546	1-249-427-11	CARBON	6.8K	5%	1/4W		R755	1-249-417-11	CARBON	1K	5%	1/4W	
R547	1-249-417-11	CARBON	1K	5%	1/4W		R756	1-249-414-11	CARBON	560	5%	1/4W	
R548	1-249-426-11	CARBON	5.6K	5%	1/4W		R757	1-249-417-11	CARBON	1K	5%	1/4W	
R549	1-249-429-11	CARBON	10K	5%	1/4W		R758	1-249-411-11	CARBON	330	5%	1/4W	
R550	1-215-468-00	CARBON	91K	5%	1/4W		R760	1-249-442-11	CARBON	510	5%	1/4W	
R551	1-249-437-11	CARBON	47K	5%	1/4W		R761	1-249-417-11	CARBON	1K	5%	1/4W	
R552	1-249-428-11	CARBON	8.2K	5%	1/4W		R762	1-249-415-11	CARBON	680	5%	1/4W	
R553	1-249-425-11	CARBON	4.7K	5%	1/4W		R763	1-215-476-00	CARBON	200K	5%	1/4W	
R554	1-215-476-00	CARBON	200K	5%	1/4W		R764	1-215-436-00	CARBON	4.3K	5%	1/4W	
R555	1-249-426-11	CARBON	5.6K	5%	1/4W		R765	1-213-147-00	METAL OXIDE	2.2K	5%	1W	
R556	1-249-431-11	CARBON	15K	5%	1/4W		R766	▲1-247-802-31	CARBON	62K	5%	1/4W	
R558	1-249-435-11	CARBON	33K	5%	1/4W		R767	1-249-405-11	CARBON	100	5%	1/4W	
R559	1-249-429-11	CARBON	10K	5%	1/4W		R768	1-249-430-11	CARBON	12K	5%	1/4W	
R560	1-249-429-11	CARBON	10K	5%	1/4W		R769	1-247-021-00	CARBON	1.5	5%	1/8W	
R561	1-215-466-00	CARBON	75K	5%	1/4W		R770	1-247-021-00	CARBON	1.5	5%	1/8W	
R562	1-249-439-11	CARBON	68K	5%	1/4W		R771	1-215-464-00	CARBON	62K	5%	1/4W	
R563	1-249-439-11	CARBON	68K	5%	1/4W		R772	1-215-460-00	CARBON	43K	5%	1/4W	
R564	1-215-479-00	CARBON	270K	5%	1/4W		R773	1-249-442-11	CARBON	510	5%	1/4W	
R565	1-249-429-11	CARBON	10K	5%	1/4W		R774	1-249-410-11	CARBON	270	5%	1/4W	
R566	1-215-493-00	METAL	1M	1%	1/6W		R775	1-249-442-11	CARBON	510	5%	1/4W	
R567	1-249-440-11	CARBON	82K	5%	1/4W		R776	1-249-411-11	CARBON	330	5%	1/4W	
R568	1-249-405-11	CARBON	100	5%	1/4W		R777	1-249-414-11	CARBON	560	5%	1/4W	
R569	1-249-439-11	CARBON	68K	5%	1/4W		R778	1-249-439-11	CARBON	68K	5%	1/4W	
R570	1-215-460-00	CARBON	43K	5%	1/4W		R779	1-249-429-11	CARBON	10K	5%	1/4W	
R571	1-249-417-11	CARBON	1K	5%	1/4W		R780	1-249-418-11	CARBON	1.2K	5%	1/4W	
R572	1-249-417-11	CARBON	1K	5%	1/4W		R781	1-215-406-00	CARBON	240	5%	1/4W	
R573	1-247-881-00	CARBON	120K	5%	1/4W		R782	1-215-412-00	CARBON	430	5%	1/4W	
R574	1-249-438-11	CARBON	56K	5%	1/4W		R783	1-249-410-11	CARBON	270	5%	1/4W	
R575	1-249-426-11	CARBON	5.6K	5%	1/4W		R784	1-249-427-11	CARBON	6.8K	5%	1/4W	
R576	1-249-421-11	CARBON	2.2K	5%	1/4W		R785	▲1-247-021-11	CARBON	1.5	5%	1/8W	
R577	1-249-409-11	CARBON	220	5%	1/4W		R786	▲1-247-021-11	CARBON	1.5	5%	1/8W	
R578	1-215-479-00	CARBON	270K	5%	1/4W		R787	1-247-881-00	CARBON	120K	5%	1/4W	
R579	1-249-441-11	CARBON	100K	5%	1/4W		R788	1-249-441-11	CARBON	100K	5%	1/4W	
R580	1-249-417-11	CARBON	1K	5%	1/4W		R789	1-249-418-11	CARBON	1.2K	5%	1/4W	
R581	1-249-417-11	CARBON	1K	5%	1/4W		R790	1-247-001-11	CARBON	15	5%	1/4W	
R582	1-249-426-11	CARBON	5.6K	5%	1/4W		R801	1-249-423-11	CARBON	3.3K	5%	1/4W	
R583	1-215-482-00	CARBON	360K	5%	1/4W		R802	1-249-432-11	CARBON	18K	5%	1/4W	
R584	1-249-437-11	CARBON	47K	5%	1/4W		R803	1-247-881-00	CARBON	120K	5%	1/4W	
R585	1-249-399-11	CARBON	33	5%	1/4W		R804	1-249-435-11	CARBON	33K	5%	1/4W	
R586	1-249-431-11	CARBON	15K	5%	1/4W		R805	1-249-419-11	CARBON	1.5K	5%	1/4W	
R587	1-249-417-11	CARBON	1K	5%	1/4W		R806	1-249-421-11	CARBON	2.2K	5%	1/4W	
R589	1-249-417-11	CARBON	1K	5%	1/4W		R807	1-215-484-00	CARBON	430K	5%	1/4W	
R590	1-215-493-00	CARBON	1M	5%	1/4W		R808	1-249-434-11	CARBON	27K	5%	1/4W	
R591	1-215-476-00	CARBON	200K	5%	1/4W		R809	1-249-419-11	CARBON	1.5K	5%	1/4W	
R592	1-212-364-00	METAL OXIDE	2.2	5%	1W	F		R810	1-249-428-11	CARBON	8.2K	5%	1/4W

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

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

D

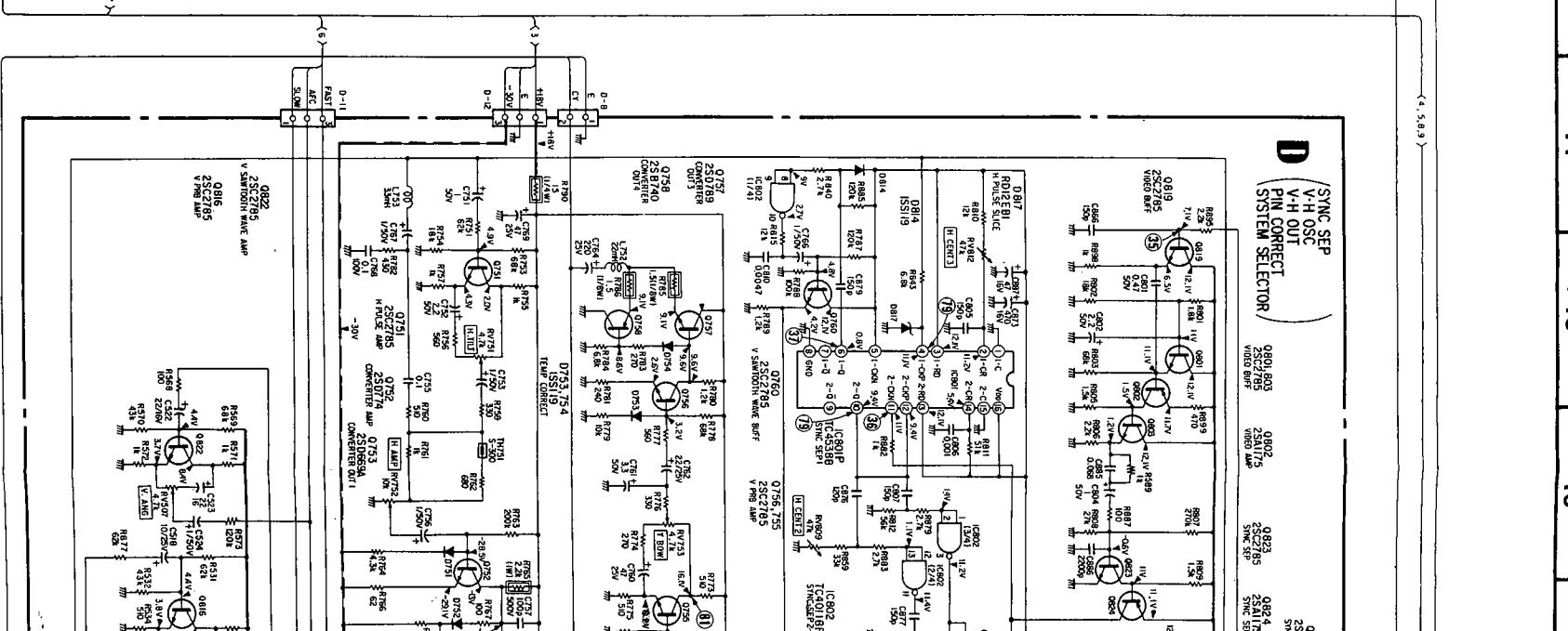
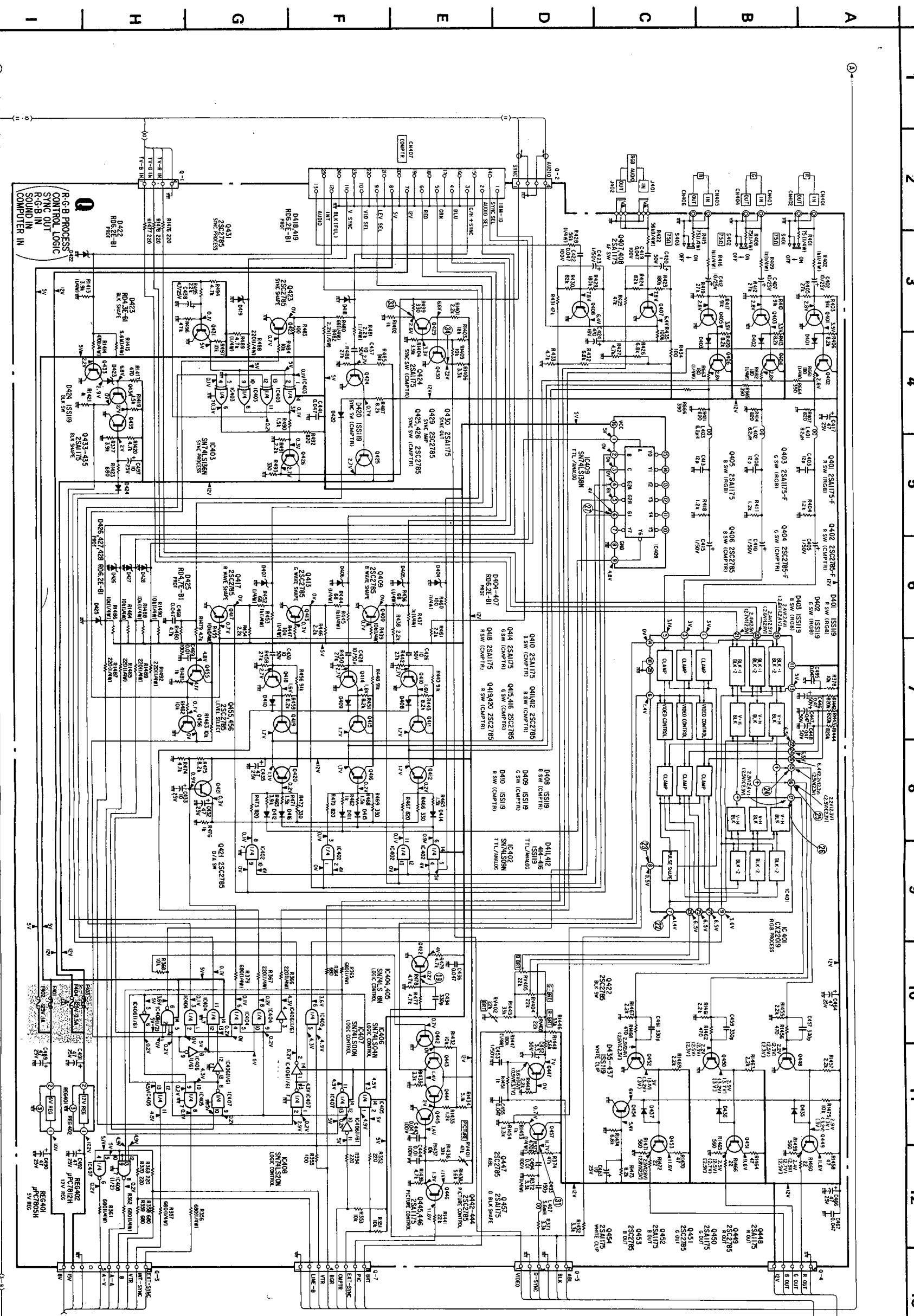
<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	
R811	1-215-462-00	METAL	51K 1% 1/6W	R865	1-247-721-11	CARBON	4.7K 5% 1/4W	
R812	1-249-438-11	CARBON	56K 5% 1/4W	R866	1-247-614-00	CARBON	3.3K 5% 1/8W	
R813	1-249-414-11	CARBON	560 5% 1/4W	R867 A	1-213-143-61	METAL OXIDE	1K 5% 1W F	
R814	1-249-426-11	CARBON	5.6K 5% 1/4W	R868	1-213-147-00	METAL OXIDE	2.2K 5% 1W F	
R815	1-249-430-11	CARBON	12K 5% 1/4W	R869	1-213-127-00	METAL OXIDE	47 5% 1W F	
R816	1-249-405-11	CARBON	100 5% 1/4W	R870	1-249-435-11	CARBON	33K 5% 1/4W	
R817	1-249-440-11	CARBON	82K 5% 1/4W	R871	1-249-421-11	CARBON	2.2K 5% 1/4W	
R818	1-215-458-00	CARBON	36K 5% 1/4W	R872	1-249-440-11	CARBON	82K 5% 1/4W	
R819	1-249-430-11	CARBON	12K 5% 1/4W	R873	1-249-429-11	CARBON	10K 5% 1/4W	
R820	1-249-440-11	CARBON	82K 5% 1/4W	R874	1-249-434-11	CARBON	27K 5% 1/4W	
R821	1-249-441-11	CARBON	100K 5% 1/4W	R875	1-249-423-11	CARBON	3.3K 5% 1/4W	
R822	1-249-441-11	CARBON	100K 5% 1/4W	R876	1-212-364-00	METAL OXIDE	2.2 5% 1W F	
R823	1-249-424-11	CARBON	3.9K 5% 1/4W	R877	1-215-464-00	CARBON	62K 5% 1/4W	
R824	1-249-418-11	CARBON	1.2K 5% 1/4W	R878	1-215-484-00	CARBON	430K 5% 1/4W	
R825	1-249-429-11	CARBON	10K 5% 1/4W	R879	1-249-422-11	CARBON	2.7K 5% 1/4W	
R826	1-215-473-00	METAL	150K 1% 1/6W	R880	1-249-421-11	CARBON	2.2K 5% 1/4W	
R827	1-215-447-00	METAL	12K 1% 1/6W	R881	1-249-429-11	CARBON	10K 5% 1/4W	
R828	1-215-441-00	METAL	6.8K 1% 1/6W	R882	1-249-417-11	CARBON	1K 5% 1/4W	
R829 A	1-249-435-11	CARBON	33K 5% 1/4W	R883	1-249-422-11	CARBON	2.7K 5% 1/4W	
R830	1-249-435-11	CARBON	33K 5% 1/4W	R884	1-249-422-11	CARBON	2.7K 5% 1/4W	
R831	1-215-454-00	CARBON	24K 5% 1/4W	R885	1-247-881-00	CARBON	120K 5% 1/4W	
R832	1-249-422-11	CARBON	2.7K 5% 1/4W	R886	1-249-424-11	CARBON	3.9K 5% 1/8W	
R833	1-215-449-00	METAL	15K 1% 1/6W	R887	1-249-405-11	CARBON	100 5% 1/4W	
R834	1-215-464-00	METAL	62K 1% 1/6W	R888	1-215-477-00	METAL	220K 1% 1/6W	
R835	1-215-467-00	METAL	82K 1% 1/6W	R889	1-215-463-00	METAL	56K 1% 1/6W	
R836	1-249-411-11	CARBON	330 5% 1/4W	R890 A	1-212-360-61	METAL OXIDE	1 5% 1W F	
R837	1-249-417-11	CARBON	1K 5% 1/4W	R891 A	1-212-360-61	METAL	1 5% 1W F	
R838	1-206-745-00	METAL OXIDE	6.8K 5% 3W F	R892	1-215-445-00	METAL	10K 1% 1/6W	
R839 A	1-247-662-11	CARBON	560 5% 1/4W F	R893	1-249-427-11	CARBON	6.8K 5% 1/4W	
R840	1-249-422-11	CARBON	2.7K 5% 1/4W	R894	1-249-436-11	CARBON	39K 5% 1/4W	
R841	1-212-361-00	METAL OXIDE	1.2 5% 1W F	R895	1-249-421-11	CARBON	2.2K 5% 1/4W	
R842 A	1-206-745-61	METAL OXIDE	6.8K 5% 3W F	R896	1-249-417-11	CARBON	1K 5% 1/4W	
R843	1-249-427-11	CARBON	6.8K 5% 1/4W	R897	1-215-436-00	CARBON	4.3K 5% 1/4W	
R844	1-213-126-00	METAL OXIDE	39 5% 1W F	R898	1-249-417-11	CARBON	1K 5% 1/4W	
R845	1-215-465-00	METAL	68K 1% 1/6W	R899	1-249-413-11	CARBON	470 5% 1/4W	
R846	1-249-411-11	CARBON	330 5% 1/4W	<u>VARIABLE RESISTOR</u>				
R847	1-249-429-11	CARBON	10K 5% 1/4W	RV501	1-228-577-00	RES, ADJ, CARBON	220	
R848	1-215-436-00	CARBON	4.3K 5% 1/4W	RV502	1-228-724-00	RES, ADJ, CARBON	10K	
R849	1-249-432-11	CARBON	18K 5% 1/4W	RV503	1-226-848-00	RES, ADJ, CARBON	2.2K	
R850	1-215-434-00	CARBON	3.6K 5% 1/4W	RV504	1-226-852-00	RES, ADJ, CARBON	22K	
R851	1-249-432-11	CARBON	18K 5% 1/4W	RV505	1-224-249-XX	RES, ADJ, METAL GLAZE	1K	
R852	1-249-433-11	CARBON	22K 5% 1/4W	RV506	1-226-855-00	RES, ADJ, CARBON	220K	
R853	1-249-424-11	CARBON	3.9K 5% 1/4W	RV507	1-226-850-00	RES, ADJ, CARBON	4.7K	
R855	1-249-411-11	CARBON	330 5% 1/4W	RV751	1-226-850-00	RES, ADJ, CARBON	4.7K	
R856	1-249-428-11	CARBON	8.2K 5% 1/4W	RV752	1-228-724-00	RES, ADJ, CARBON	10K	
R857	1-249-441-11	CARBON	100K 5% 1/4W	RV753	1-226-850-00	RES, ADJ, CARBON	4.7K	
R858	1-215-480-00	CARBON	300K 5% 1/4W	RV802	1-228-160-11	RES, ADJ, METAL GLAZE	5K	
R859	1-249-435-11	CARBON	33K 5% 1/4W	RV803	1-226-849-00	RES, ADJ, CARBON	3.3K	
R860	1-217-418-00	FUSIBLE	0.47 10% 1/2W F	RV804	1-226-847-00	RES, ADJ, CARBON	1K	
R861	1-217-418-00	FUSIBLE	0.47 10% 1/2W F	RV805	1-226-845-00	RES, ADJ, CARBON	330	
R862	1-244-923-00	CARBON	120K 5% 1/2W	RV806	1-226-849-00	RES, ADJ, CARBON	3.3K	
R863	1-244-923-00	CARBON	120K 5% 1/2W	RV807	1-226-848-00	RES, ADJ, CARBON	2.2K	
R864	1-246-488-00	CARBON	4.3K 5% 1/4W					

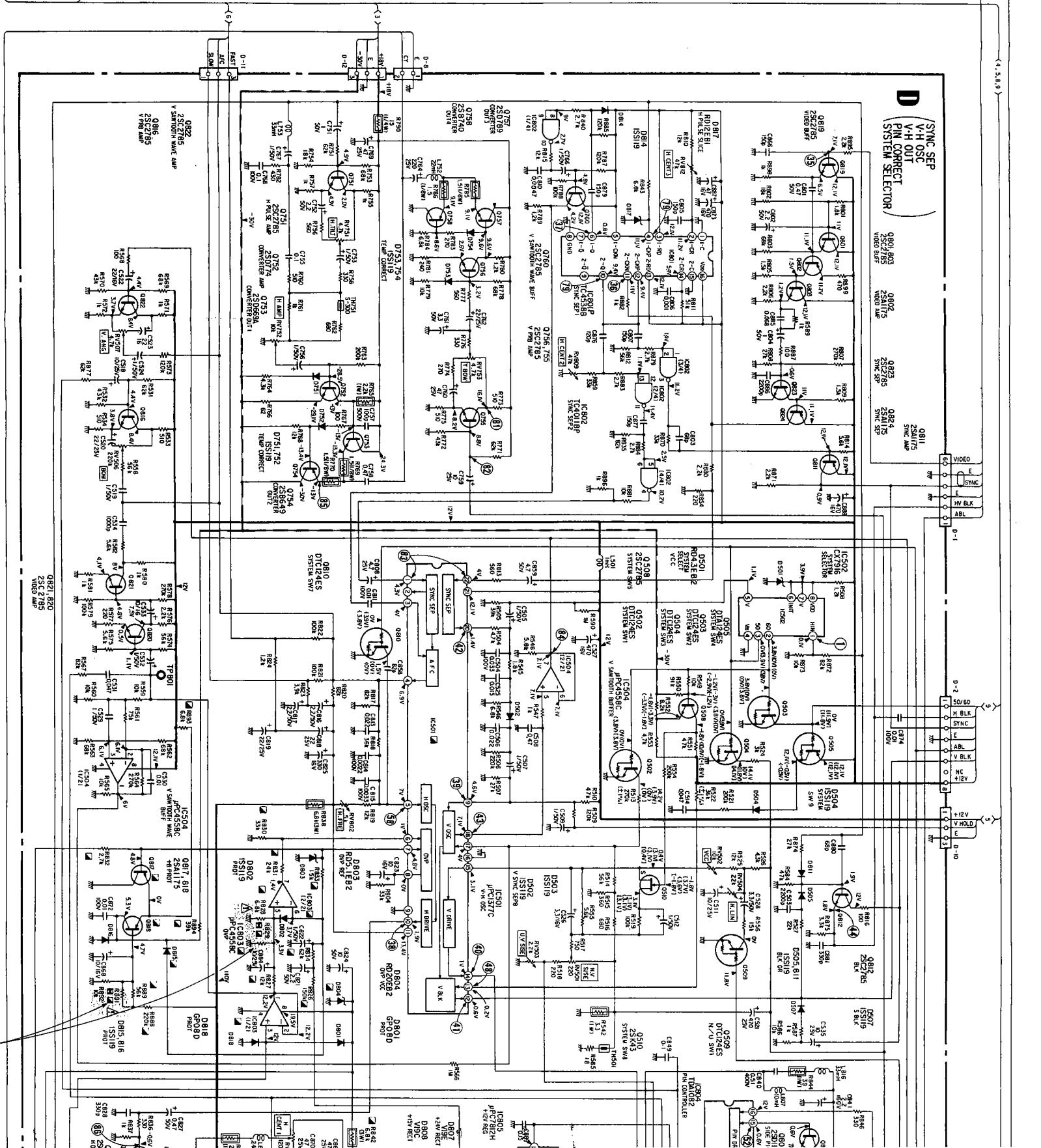
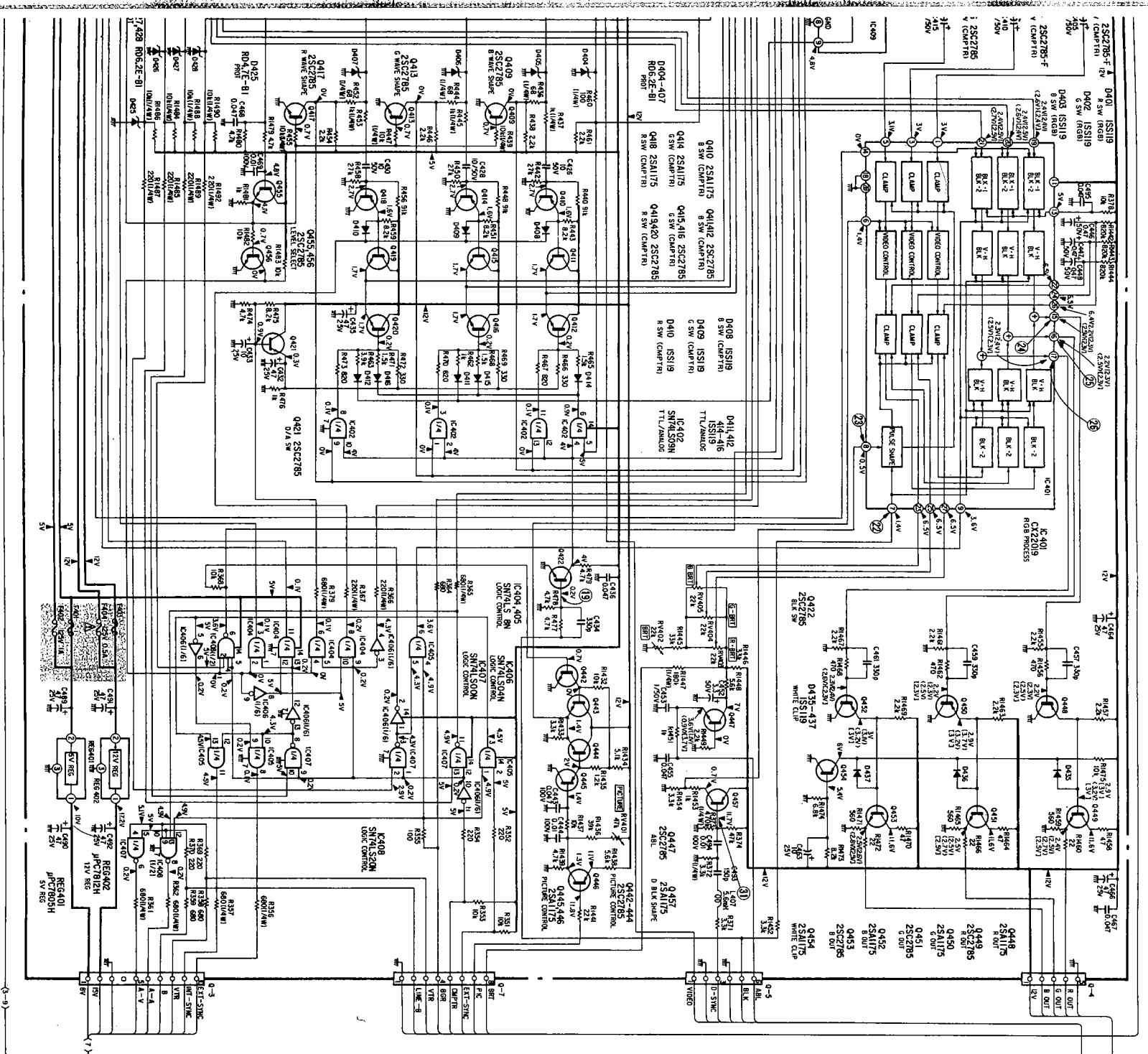
The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

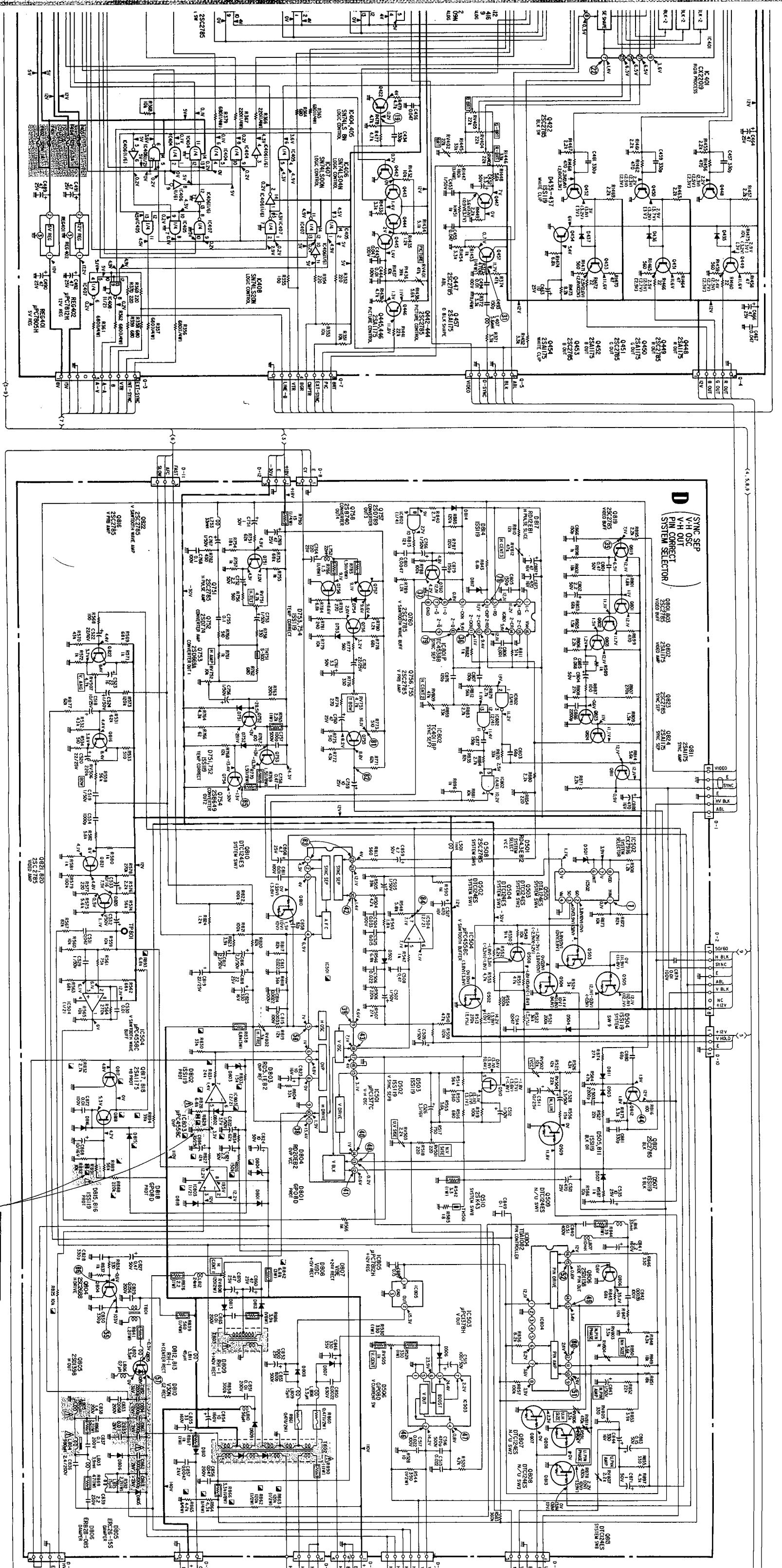
Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- The components identified by **A** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

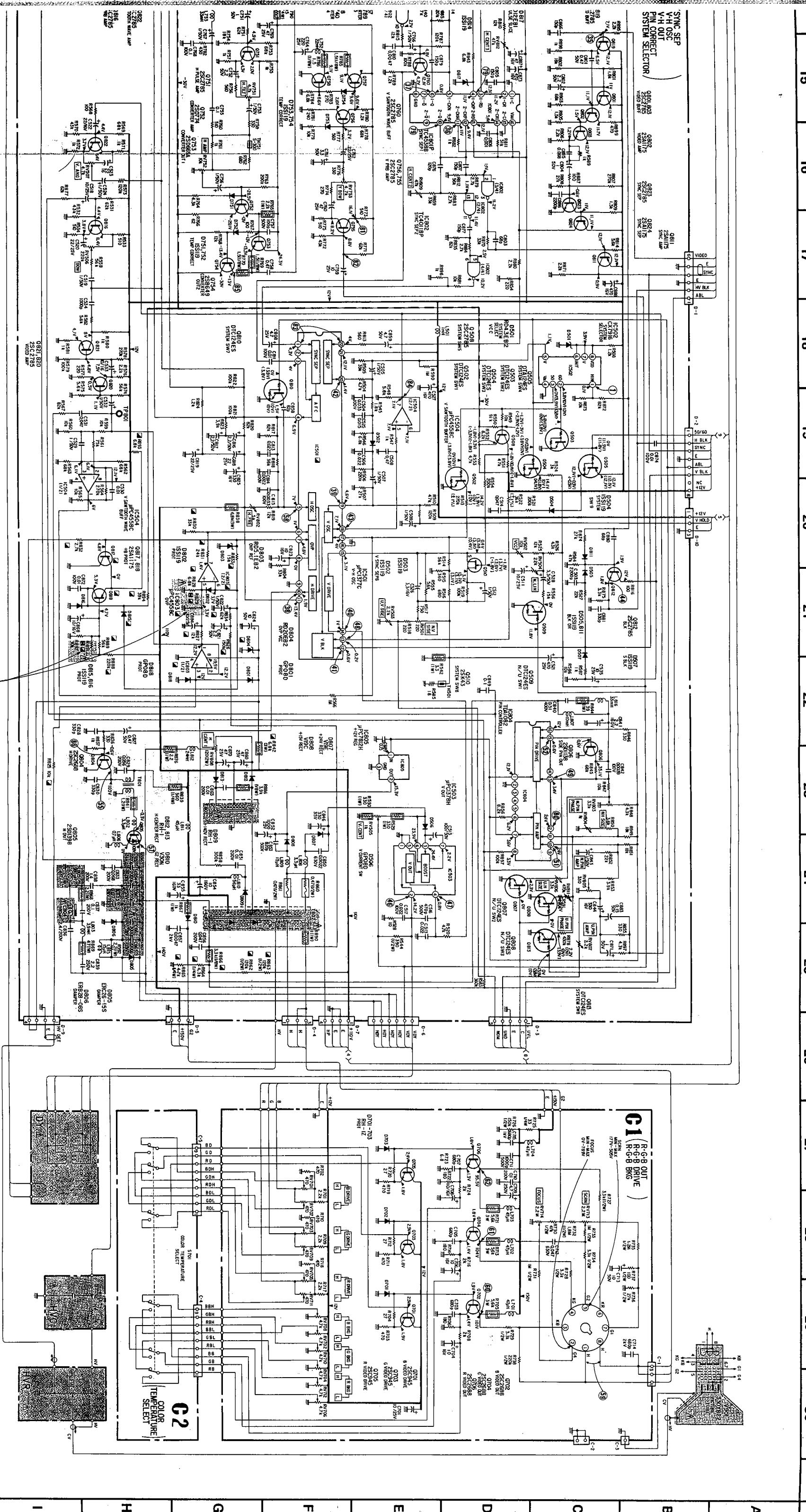
PVM-1271Q PVM-1271Q







 : See page 20

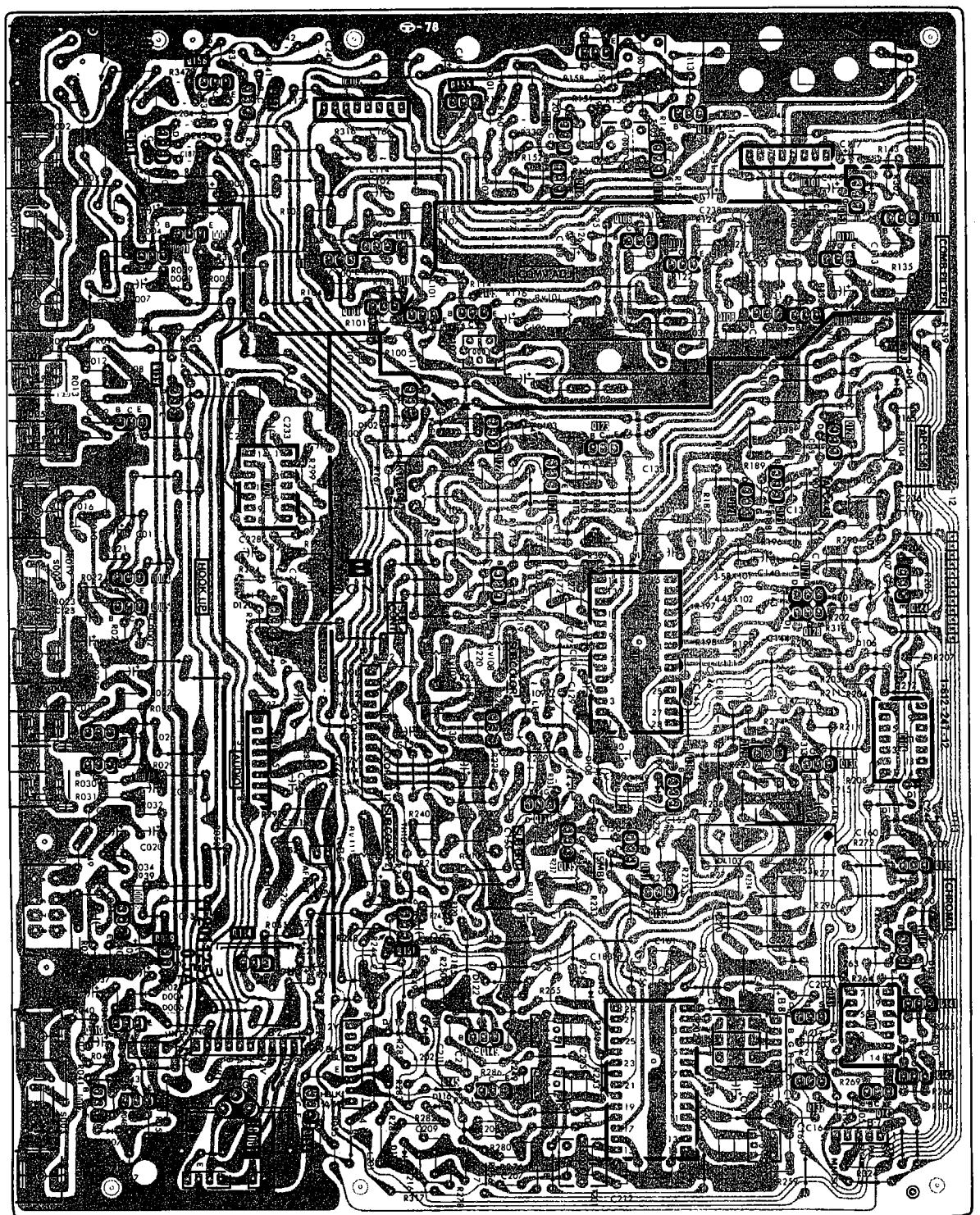


PVM-1271Q PVM-1271Q

4.5. PRINTED WIRING BOARDS

B

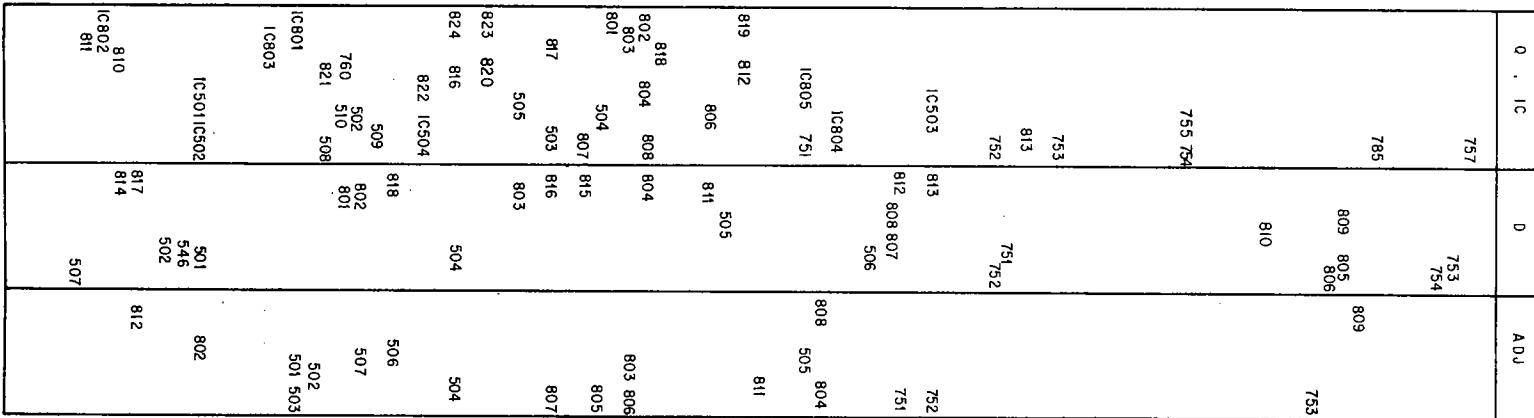
[AF AMP, AF OUT, VIDEO AMP]
[CHROMA AMP, LINE IN]



- D board -

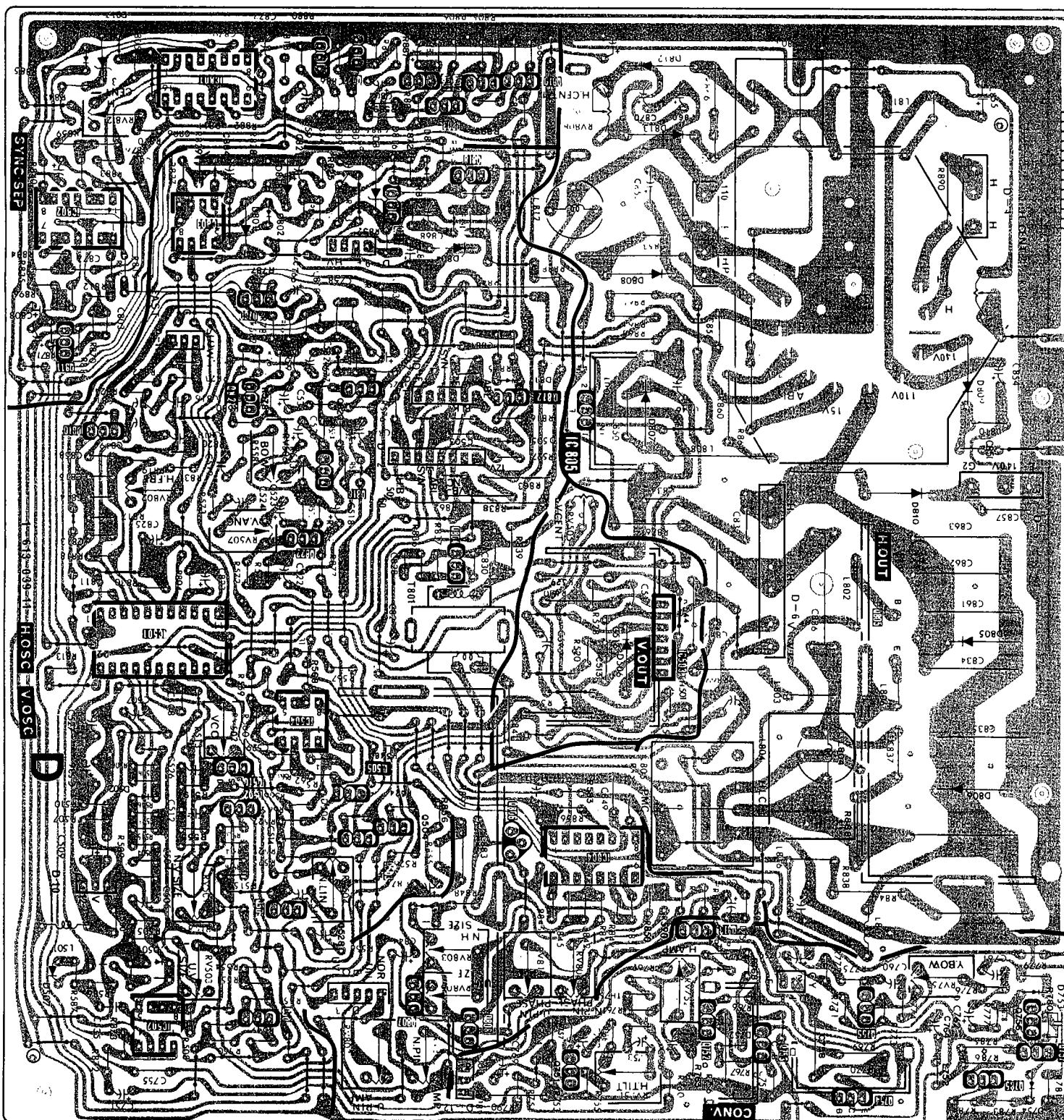
D SYNC SEP, V-H OSC, V-H OUT
[PIN CORRECT, SYSTEM SELECTOR]

112	.008	.009	14	14	136
003	004	005	115	122	131
			123	118	132
			119		IC201
				149	154
				IC001	151
				011	IC001
				012	



- Q Board -

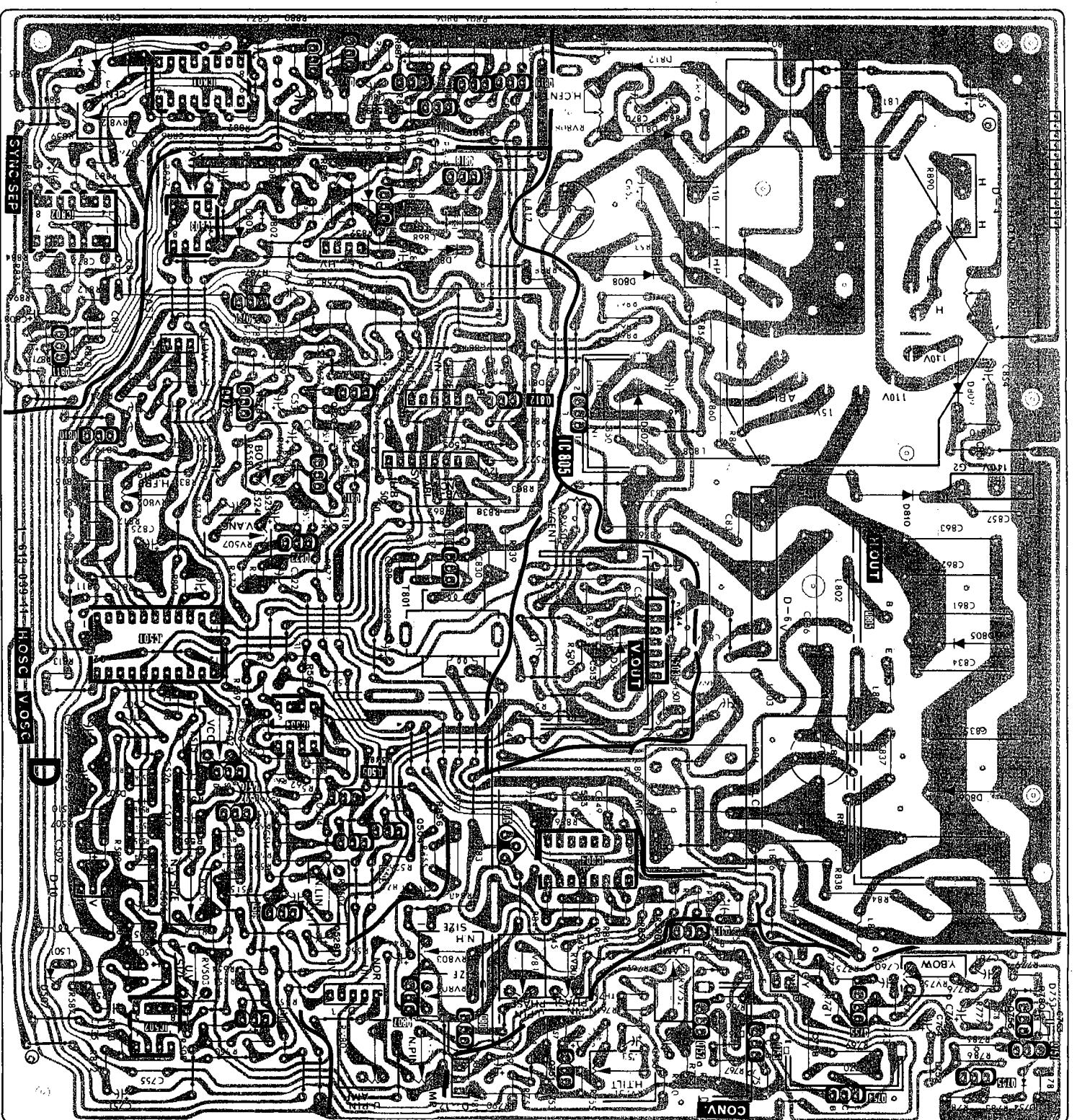
			0
		456	REG
	1C	455	
D	404	455	I[403
		459	433
		422	
ADJ			



-52-

11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27

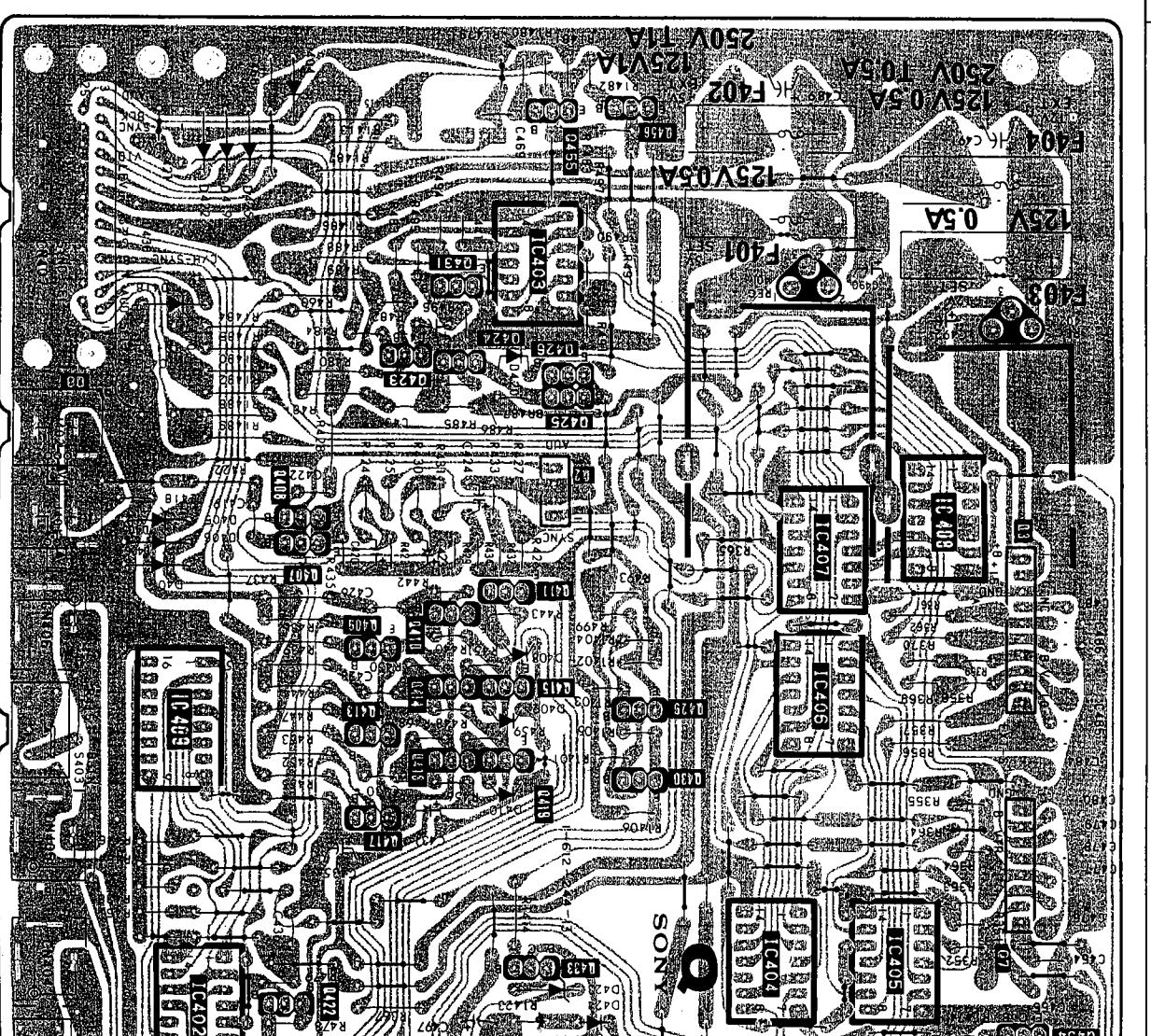
IC	D	ADJ
757	753	754
785	809	805
	806	809
		753
755	754	
753		
813		
752	751	752
C503	813	
812	808	807
IC804	751	752
75	506	
808	505	804
806	811	505
808	804	803
504	807	805
503	815	807
505	816	
803	803	
2 IC504	504	504
509	818	506
502	802	507
510	801	502
101C502	501	502
817	812	
814		507



- Q Board -

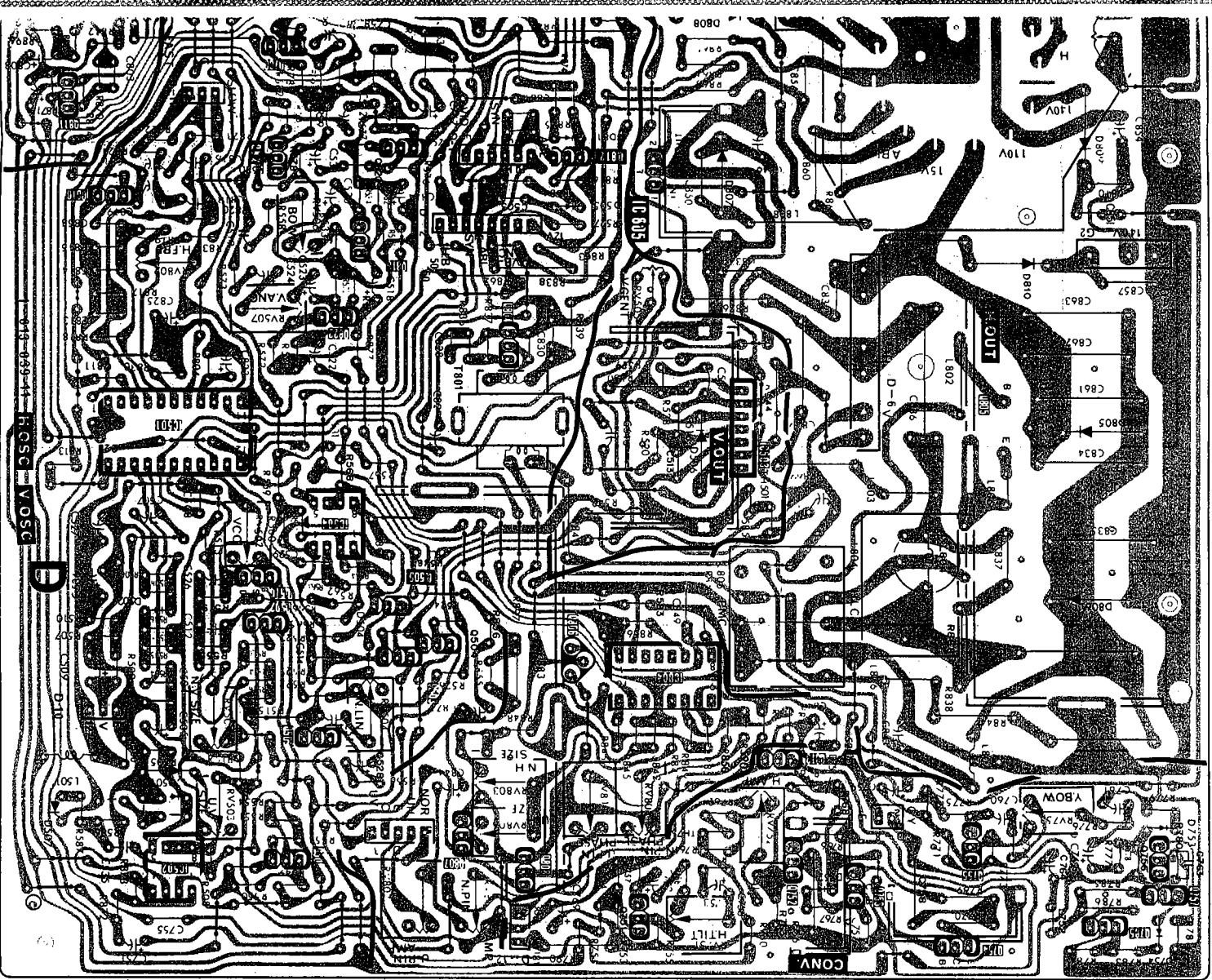
Q

[R, G, B PROCESS, LOGIC CONTROL
SYNC OUT, R, G, B IN, COMPTR IN]



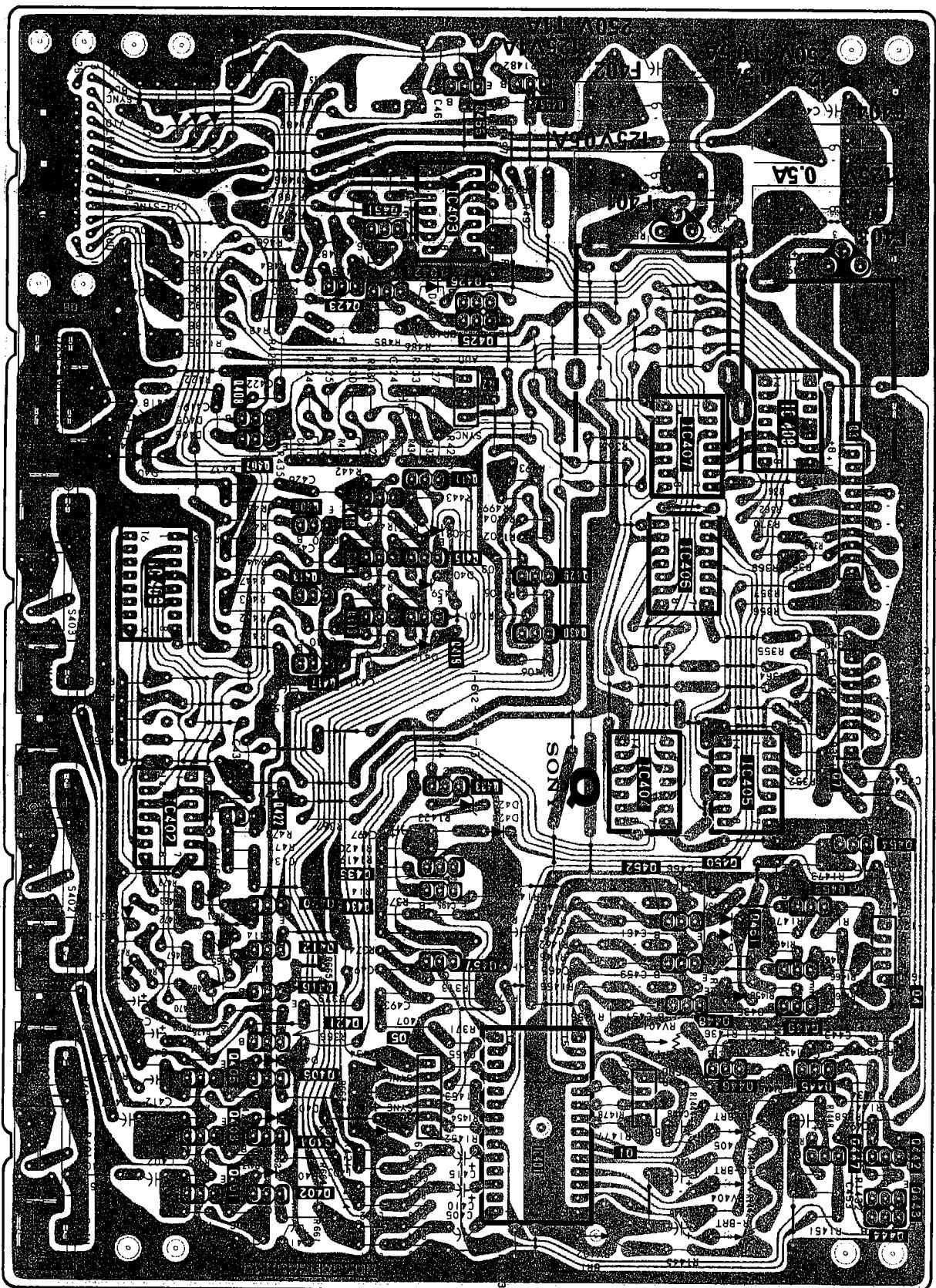
PVM-1271Q

PVM-1271Q



- Q Board -

		REG6401	REG6402	IC408	IC407	IC406	IC405	454	453	451	449	445	442	447	446	IC40	IC40	0
		456	455	IC403	426,425	429	430	430	453	452	450	448	446	-	-	IC	IC	0
IC		431	424	423	408,407	411,410	409	415	419	418	417	435,434	420	412	416	421	406	404
	D	404	425	419	420	408	409	410	423	424	437,436	435	405	402	401	403	402	D
ADJ		422	418	405,406,407					416	412	414	415	403	402		RV401	RV405	RV404
																RV403	RV402	ADJ



R. G. B PROCESS, LOGIC CONTROL
SYNC OUT R. G. B IN AF IN COMPT IN

PVM-1271Q PVM-1271Q

୪୩

—54—

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

1

2

3

4

5

6

7

— H Board —

A

B

C

D

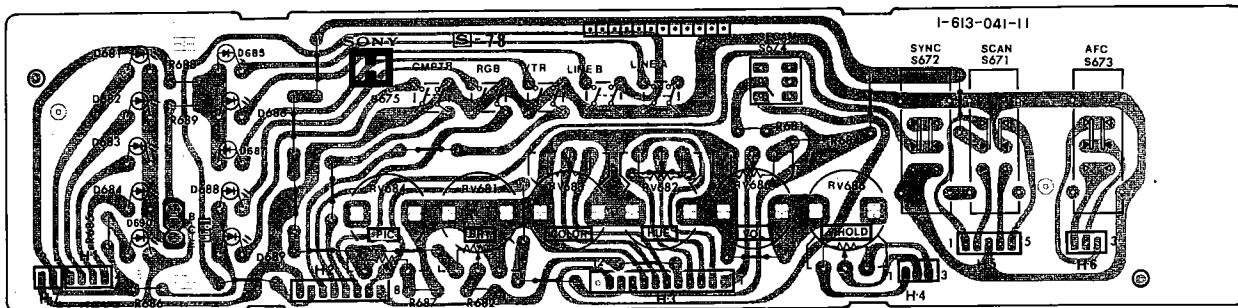
E

F

G

H

I



C1 [R.G.B. OUT, R.G.B. DRIVE,
R.G.B. BKG]

1 **2** **3** **4** **5** **6** **7**

A

B

C

D

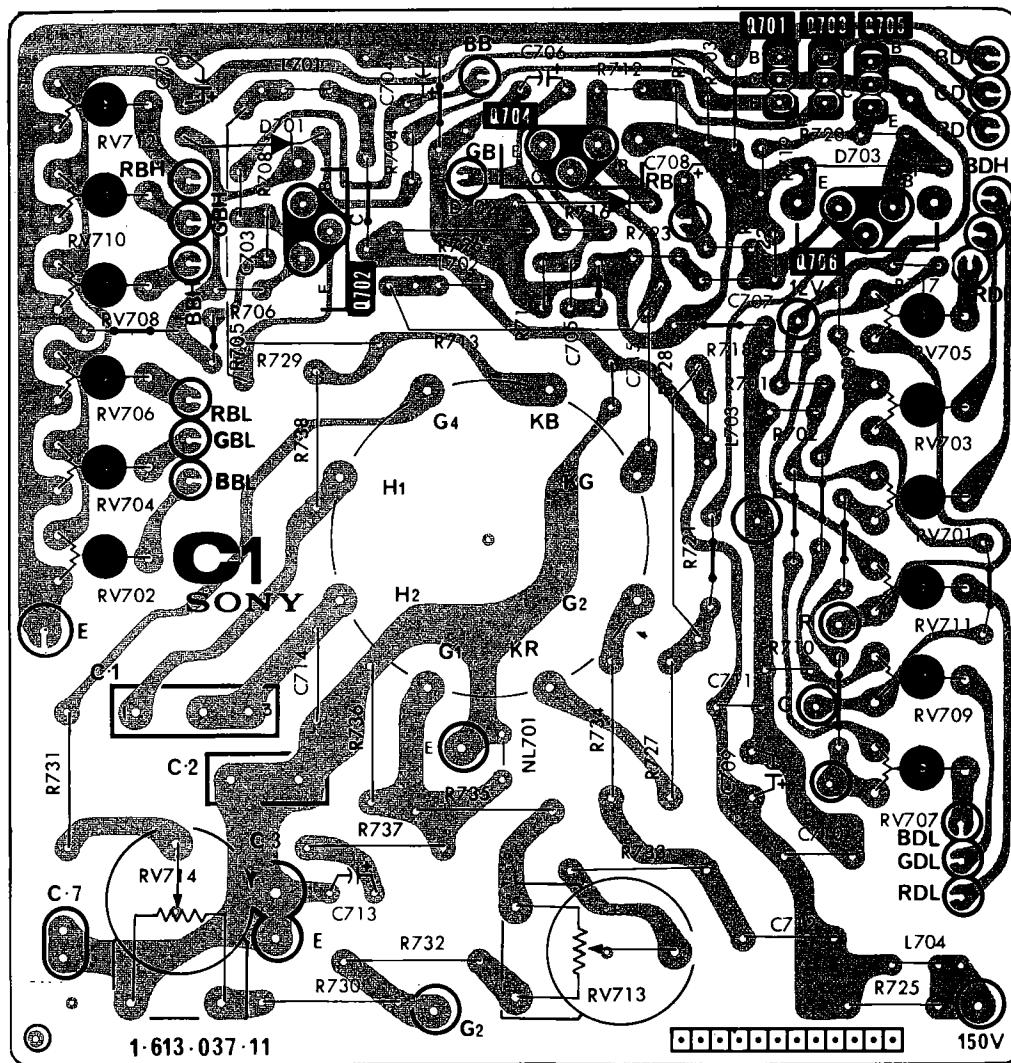
E

F

G

H

1



C2

[COLOR TEMPERATURE SELECT]

1

2

3

4

5

6

7

— C2 Board —

A

B

C

D

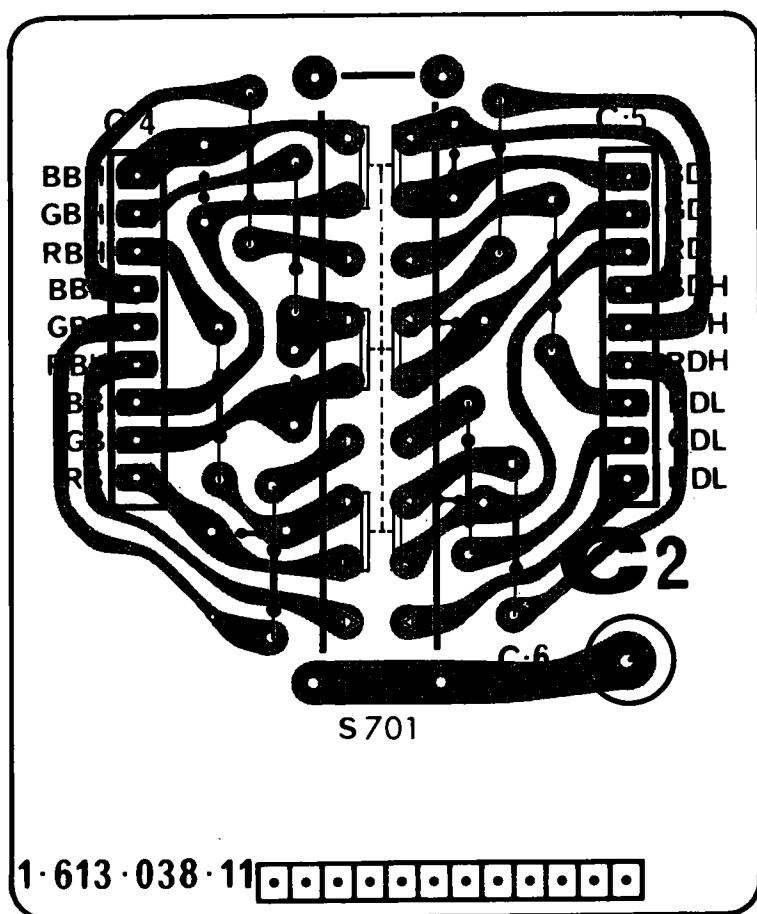
E

F

G

H

I



1·613·038·11

F

[POWER SUPPLY]

F2

[KICK]

1

2

3

4

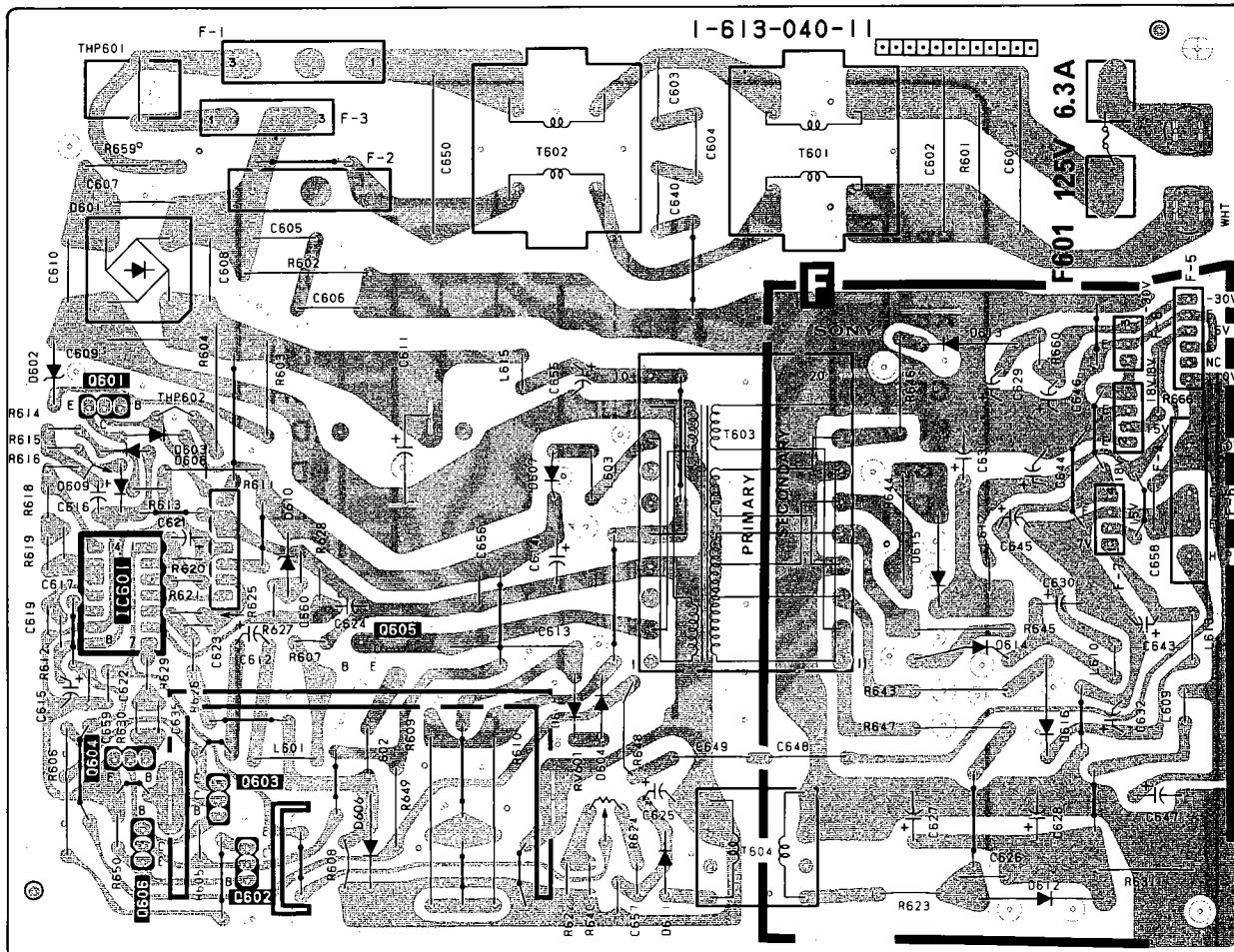
5

6

7

— F Board —

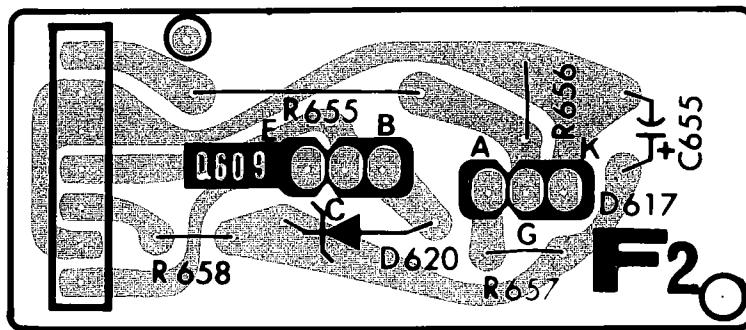
A



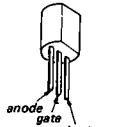
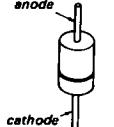
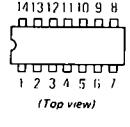
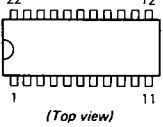
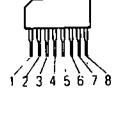
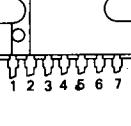
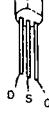
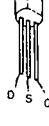
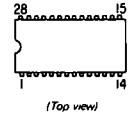
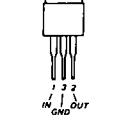
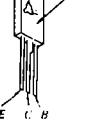
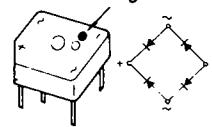
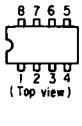
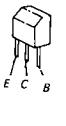
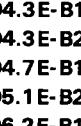
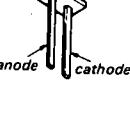
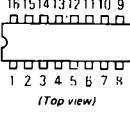
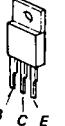
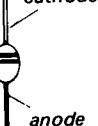
G

— F2 Board —

H



4-6. SEMICONDUCTORS

CX095E	μPC1241H	2SA1175 2SC2785	2SD1398 2SD1402	ERA81-004 ERB12-02RK GP08D	N13T1
SN74LS00N					
SN74LS04N					
SN74LS08N					
SN74LS09N					
SN74LS136N					
SN74LS20N					
TC4011BP					
TC4023BP		2SA733		ERC24-06S	
TC4024BP		2SA1015		RH-1	
μPC1394C	μPC1377C	2SC1815		RH-1A	
μPD4024BC		2SC945		RH-1Z	
			2SK105A	SIB01-02	RGP15J
					
1413121110 9 8					
(Top view)		(Top view)			
CX20061	μPC1378H-L	2SA773 2SB740	2SD789	2SK43	ERC26-15S
					
(Top view)					
CX22019		2SB649		1SS119	S3WB60Z
μPC1364C2	μPC7805H	2SC2688		1SS133	
μPC1365C	μPC7812H	2SD669		1SS148	
					
(Top view)					
CX7916	2SA1026	2SB734 2SD774		1SS82	ERD29-08J
NJM4558D				1SS83	SY432D
μPC4558C					
					
(Top view)					
HD14538BP	2SA1048			RD4.3E-B1	V19B
SN74LS138N	2SA1115			RD4.3E-B2	V19C
TC4538BP	2SC2458			RD4.7E-B1	V19E
TDA1082	2SC2603	2SC2929		RD5.1E-B2	V30N
	DTA124ES	2SC1134		RD6.2E-B1	
		2SD1138		RD6.2E-N2	
				RD10E-N2	
(Top view)				RD12E-B1	
				RD18E-B2	
				RD20E-B2	
				RD22E-B3	
					
					
					

SECTION 5 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.

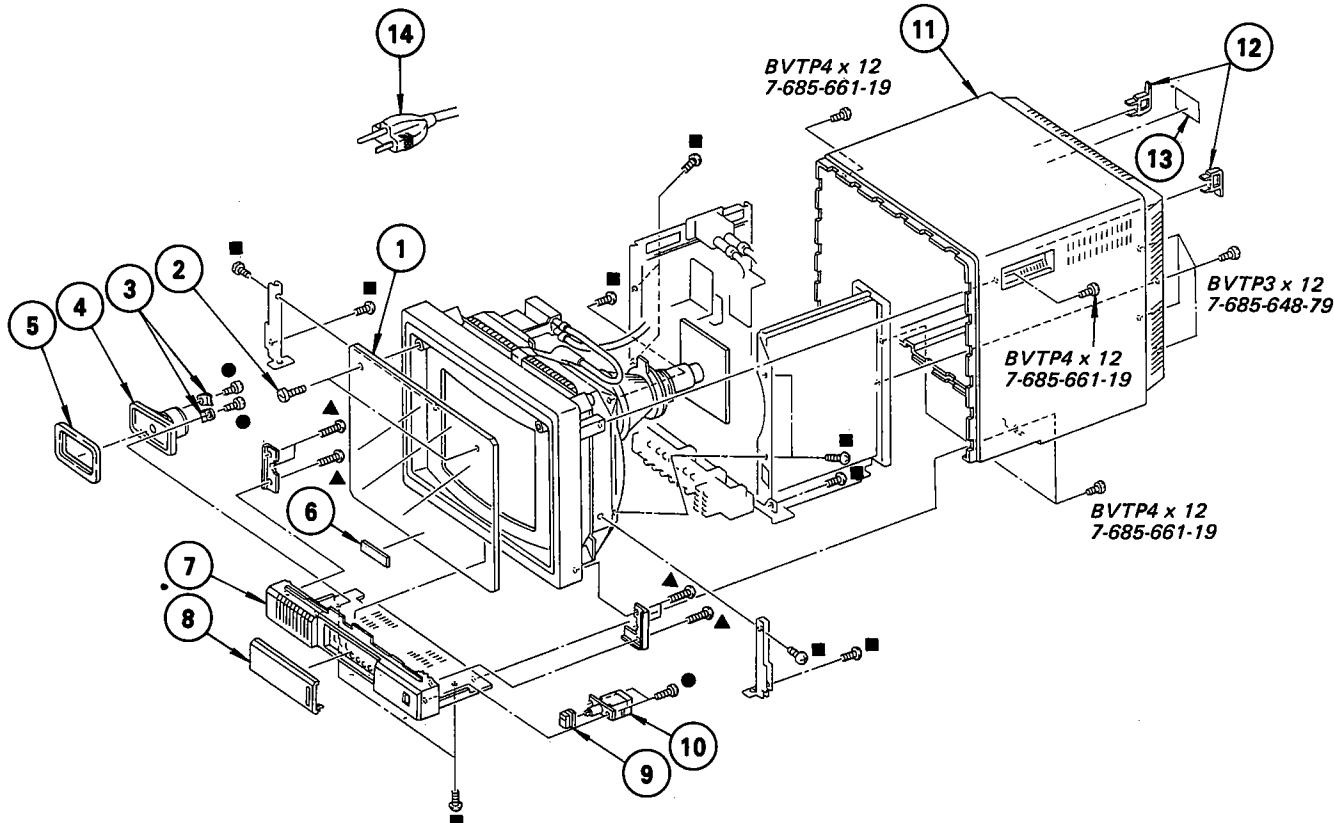
Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

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

Les composants identifiés par une trame et une marque **▲** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CABINET

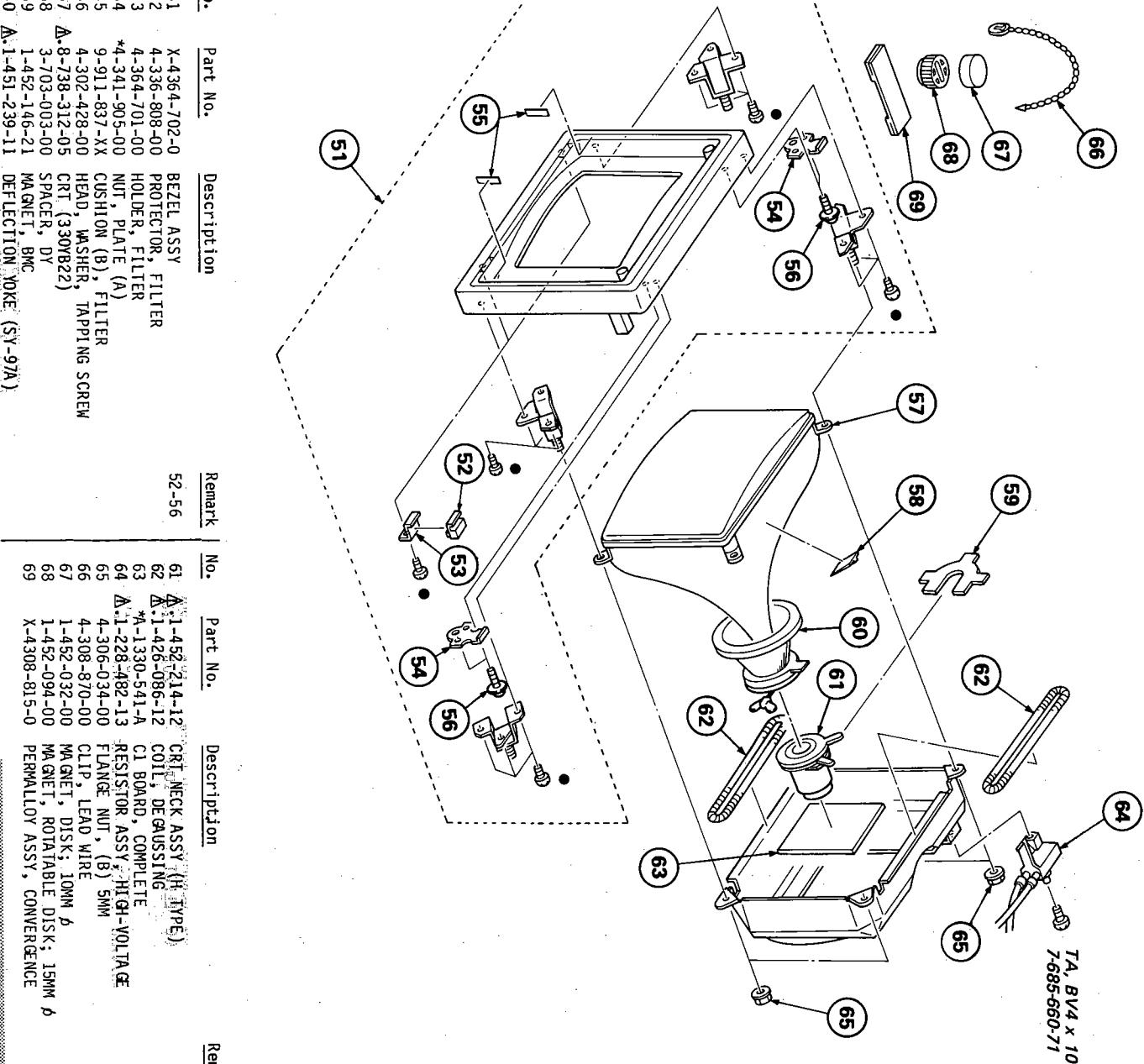
- | | |
|-----------------|--------------|
| ■: TA, BV3 x 8 | 7-685-646-71 |
| ●: TA, BV3 x 12 | 7-685-648-71 |
| ▲: TA, BV4 x 12 | 7-685-661-14 |



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	4-364-717-00	FILTER		8	X-4364-704-2	DOOR ASSY	
2	4-336-851-51	SCREW, ORNAMENTAL		9	4-364-710-00	BUTTON, POWER	
3	*4-321-611-00	CLAW, RETAINING, SPEAKER		10	▲.1-553-584-12	SWITCH, PUSH (POWER)	
4	1-503-109-00	SPEAKER		11	X-4365-404-1	CABINET ASSY	
5	*4-364-741-00	CUSHION, SPEAKER		12	▲.4-316-003-01	HOLDER, CORD	12
6	*X-3701-079-0	EMBLEM (SMALL) ASSY, SONY		13	*4-365-412-01	LABEL, MODEL NUMBER (U/C)	
7	X-4365-403-1	PANEL ASSY, CONTROL		14	▲.1-534-517-31	CORD, AC	
			8				

PVM-1271Q PVM-1271Q

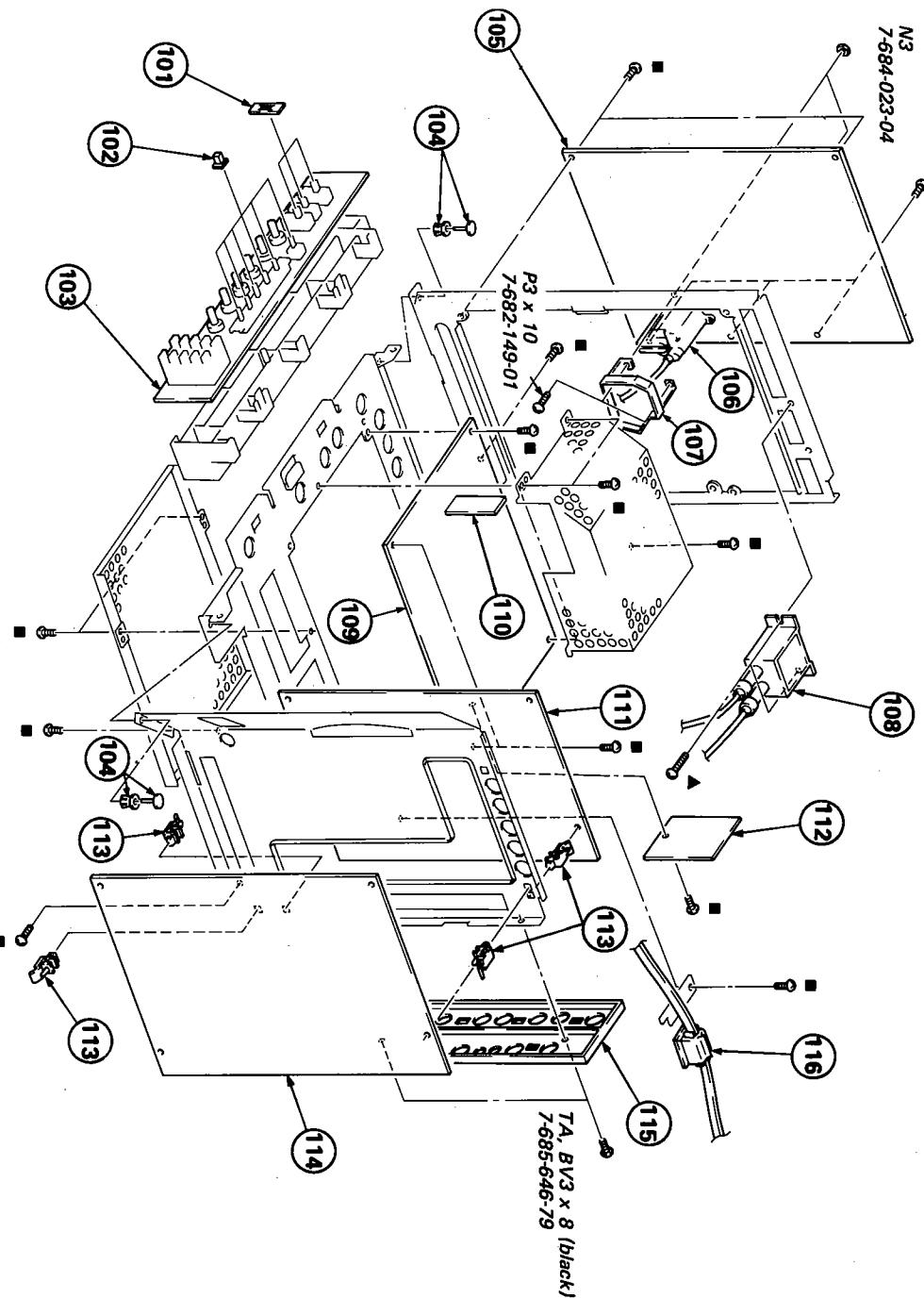
5-2. BEZEL
●: TA, BV3 x 12 7-685-648-71



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

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-3. CHASSIS
■: TA, BV3 x 8 7-685-646-71
▲: TA, BV4 x 12 7-685-661-14



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

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

PVM-1271Q . PVM-1271Q

SECTION 6 ELECTRICAL PARTS LIST

B

B

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

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- MF : μ F, PF : μ H All resistors are in ohms
- RESISTORS COILS MMH : mH, UH : μ H
- F : nonflammable

When indicating parts by reference number, please include the board name.		
Ref.No.	Part No.	Description
C173	1-108-603-00	MYLAR CERAMIC 0.1MF 5%
C175	1-101-361-00	CERAMIC 150PF 5%
C176	1-102-951-00	CERAMIC 15PF 5%
C177	1-102-963-00	CERAMIC 33PF 5%
C178	1-123-356-00	ELECT 10MF 20%
<u>CAPACITORS</u>	• MF : μ F, PF : μ H • F : nonflammable	• MMH : mH, UH : μ H
<u>RESISTORS</u>	RESISTORS	COILS
<u>COILS</u>	• MMH : mH, UH : μ H	MMH : mH, UH : μ H
<u>CONNECTOR</u>	• F : nonflammable	• F : nonflammable
<u>CAPACITOR</u>	• F : nonflammable	• F : nonflammable
C120	1-102-944-00	CERAMIC 0.01MF 20%
C121	1-102-944-00	CERAMIC 1000MF 20%
C122	1-102-944-00	ELECT 0.47MF 20%
C123	1-102-944-00	ELECT 1000MF 20%
C124	1-102-944-00	ELECT 0.5PF 20%
C127	1-101-004-00	CERAMIC 0.01MF 20%
C128	1-123-380-00	ELECT 0.5PF 20%
C130	1-123-380-00	ELECT 1MF 20%
C131	1-106-220-00	MYLAR 0.1MF 20%
C132	1-106-220-00	MYLAR 0.1MF 10%
C133	1-123-382-00	ELECT 47MF 10%
C134	1-106-220-00	MYLAR 0.5PF 10%
C135	1-106-220-00	MYLAR 0.01MF 10%
C136	1-101-880-00	CERAMIC 47PF 5%
C137	1-102-959-00	CERAMIC 22PF 5%
C138	1-101-004-00	CERAMIC 0.01MF 5%
C139	1-108-579-00	MYLAR 0.01MF 5%
C140	1-123-381-00	ELECT 2.2MF 5%
C141	1-161-025-00	CERAMIC 0.1MF 10%
C142	1-161-025-00	CERAMIC 0.1MF 10%
C143	1-101-880-00	CERAMIC 47PF 5%
C144	1-101-880-00	MYLAR 0.01MF 5%
C145	1-102-934-00	CERAMIC 1PF 0.25PF 5%
C146	1-102-963-00	CERAMIC 33PF 5%
C147	1-101-004-00	CERAMIC 0.01MF 5%
C148	1-123-356-00	ELECT 10MF 20%
C149	1-101-004-00	CERAMIC 0.01MF 20%
C150	1-101-004-00	CERAMIC 0.01MF 20%
C151	1-101-004-00	CERAMIC 0.01MF 20%
C152	1-101-004-00	CERAMIC 0.01MF 20%
C153	1-106-204-00	MYLAR 0.022MF 20%
C154	1-106-204-00	CERAMIC 9PF 10%
C155	1-106-204-00	CERAMIC 22MF 20%
C156	1-123-330-00	ELECT 1MF 20%
C157	1-123-380-00	ELECT 1MF 20%
C158	1-123-382-00	ELECT 3.3MF 20%
C159	1-124-049-00	ELECT 0.47MF 20%
C160	1-102-115-00	CERAMIC 560PF 10%
C161	1-102-971-00	CERAMIC 82PF 5%
C162	1-101-361-00	CERAMIC 150PF 5%
C163	1-102-971-00	CERAMIC 82PF 5%
C164	1-121-257-00	ELECT 4.7MF 5%
C165	1-101-361-00	CERAMIC 150PF 5%
C166	1-101-888-00	CERAMIC 68PF 5%
C167	1-101-006-00	CERAMIC 0.047MF 5%
C168	1-106-220-00	MYLAR 0.1MF 10%
C169	1-123-380-00	ELECT 1MF 20%
C170	1-123-380-00	CERAMIC 68PF 5%
C172	1-101-888-00	CERAMIC 50V 5%
<u>DIODE</u>	D101	8-719-911-19 DIODE ISS119
D102	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D103	8-719-981-01 DIODE ERA81-004	8-719-911-19 DIODE ISS119
D104	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D105	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D106	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D107	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D108	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D109	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D110	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D111	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D112	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D113	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D114	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D115	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D116	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D117	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D118	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D119	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D120	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D121	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D122	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D123	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D124	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE RD6.2E-81
D125	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
D126	8-719-911-19 DIODE ISS119	8-719-911-19 DIODE ISS119
<u>DELAY LINE</u>	C227	1-108-595-00 MYLAR 0.047MF 5%
C228	1-123-321-00 ELECT 47MF 20%	220MF 20%
C229	1-123-320-00 ELECT 47MF 20%	220MF 20%
C230	1-102-121-00 ELECT 0.0022MF 20%	10MF 20%
C231	1-123-336-00 ELECT 0.0022MF 20%	10MF 20%
C232	1-123-380-00 ELECT 1MF 20%	220MF 20%
C233	1-123-379-00 ELECT 0.47MF 20%	50V 20%
C234	1-106-196-00 MYLAR 0.01MF 10%	DL101 1-415-280-00 DELAY LINE (1H)
C235	1-123-321-00 ELECT 220MF 20%	DL102 1-415-188-00 DELAY LINE (1H)
C236	1-101-004-00 CERAMIC 0.01MF 20%	DL103 1-415-122-31 DELAY LINE, 1H (PAL)
<u>FUSE</u>	C237	1-161-330-00 CERAMIC 0.01MF 20%
C238	1-123-332-00 ELECT 4.7MF 20%	25V 20%
C239	1-101-004-00 CERAMIC 0.01MF 20%	100V 20%
<u>F201A 1-532-624-11 FUSE, GLASS TUBE 0.5A 125V</u>	I001	8-759-700-06 IC UPC7812H
	I0101	8-752-006-10 IC CX20061
	I0102	8-752-006-10 IC CX20061
<u>IC</u>		

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

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Remplacer que par une pièce portant le numéro spécifié.

B

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
IC103	8-759-113-65	IC UPC1365C		Q114	8-729-313-42	TRANSISTOR 2SD1134	
IC104	8-759-240-24	IC TC4024BP		Q116	8-729-204-83	TRANSISTOR 2SA1048GR	
IC105	8-759-240-23	IC TC4023BP		Q117	8-729-245-83	TRANSISTOR 2SC2458	
IC201	8-759-100-15	IC UPC1364C		Q118	8-729-245-83	TRANSISTOR 2SC2458	
IC202	8-759-101-77	IC UPC1241H		Q120	8-729-245-83	TRANSISTOR 2SC2458	
IC203	8-759-610-95	IC CX095E		Q121	8-729-204-83	TRANSISTOR 2SA1048GR	
		<u>TERMINAL BOARD</u>		Q122	8-729-245-83	TRANSISTOR 2SC2458	
J2	1-536-842-11	TERMINAL BOARD, INPUT/OUTPUT(A)		Q123	8-729-245-83	TRANSISTOR 2SC2458	
		<u>COIL</u>		Q124	8-729-115-30	TRANSISTOR 2SK105A-30	
L101	1-408-412-00	MICRO INDUCTOR 18UH		Q125	8-729-245-83	TRANSISTOR 2SC2458	
L102	1-408-412-00	MICRO INDUCTOR 18UH		Q126	8-729-115-30	TRANSISTOR 2SK105A-30	
L103	1-408-411-00	MICRO INDUCTOR 15UH		Q127	8-729-115-30	TRANSISTOR 2SK105A-30	
L104	1-408-414-00	MICRO INDUCTOR 27UH		Q128	8-729-115-30	TRANSISTOR 2SK105A-30	
L105	1-408-414-00	MICRO INDUCTOR 27UH		Q129	8-729-245-83	TRANSISTOR 2SC2458	
L106	1-408-409-00	MICRO INDUCTOR 10UH		Q130	8-729-245-83	TRANSISTOR 2SC2458	
L107	1-408-413-00	MICRO INDUCTOR 22UH		Q131	8-729-115-30	TRANSISTOR 2SK105A-30	
L108	1-408-416-00	MICRO INDUCTOR 39UH		Q132	8-729-115-30	TRANSISTOR 2SK105A-30	
L110	1-408-412-00	MICRO INDUCTOR 18UH		Q133	8-729-245-83	TRANSISTOR 2SC2458	
L111	1-408-406-00	MICRO INDUCTOR 5.6UH		Q135	8-729-204-83	TRANSISTOR 2SA1048GR	
L112	1-408-408-00	MICRO INDUCTOR 8.2UH		Q136	8-729-204-83	TRANSISTOR 2SA1048GR	
L113	1-408-226-00	MICRO INDUCTOR 82UH		Q137	8-729-204-83	TRANSISTOR 2SA1048GR	
L114	1-408-419-00	MICRO INDUCTOR 68UH		Q138	8-729-204-83	TRANSISTOR 2SA1048GR	
L201	1-408-247-00	MICRO INDUCTOR 33MMH		Q139	8-729-245-83	TRANSISTOR 2SC2458	
L202	1-408-163-00	MICRO INDUCTOR 5.6MMH		Q140	8-729-204-83	TRANSISTOR 2SA1048GR	
L203	1-408-414-00	MICRO INDUCTOR 27UH		Q141	8-729-204-83	TRANSISTOR 2SA1048GR	
		<u>TRANSISTOR</u>		Q142	8-729-204-83	TRANSISTOR 2SA1048GR	
Q001	8-729-245-83	TRANSISTOR 2SC2458		Q143	8-729-204-83	TRANSISTOR 2SA1048GR	
Q002	8-729-204-83	TRANSISTOR 2SA1048GR		Q144	8-729-245-83	TRANSISTOR 2SC2458	
Q003	8-729-204-83	TRANSISTOR 2SA1048GR		Q145	8-729-245-83	TRANSISTOR 2SC2458	
Q004	8-729-204-83	TRANSISTOR 2SA1048GR		Q148	8-729-245-83	TRANSISTOR 2SC2458	
Q005	8-729-245-83	TRANSISTOR 2SC2458		Q149	8-729-204-83	TRANSISTOR 2SA1048GR	
Q006	8-729-204-83	TRANSISTOR 2SA1048GR		Q150	8-729-204-83	TRANSISTOR 2SA1048GR	
Q007	8-729-204-83	TRANSISTOR 2SA1048GR		Q151	8-729-245-83	TRANSISTOR 2SC2458	
Q008	8-729-245-83	TRANSISTOR 2SC2458		Q152	8-729-245-83	TRANSISTOR 2SC2458	
Q009	8-729-204-83	TRANSISTOR 2SA1048GR		Q153	8-729-245-83	TRANSISTOR 2SC2458	
Q010	8-729-245-83	TRANSISTOR 2SC2458		Q154	8-729-245-83	TRANSISTOR 2SC2458	
Q011	8-729-245-83	TRANSISTOR 2SC2458		Q155	8-729-245-83	TRANSISTOR 2SC2458	
Q012	8-729-204-83	TRANSISTOR 2SA1048GR		Q159	8-729-204-83	TRANSISTOR 2SA1048GR	
Q101	8-729-245-83	TRANSISTOR 2SC2458				<u>RESISTOR</u>	
Q102	8-729-245-83	TRANSISTOR 2SC2458		R002	1-247-131-00	CARBON	1K 5% 1/4W
Q103	8-729-245-83	TRANSISTOR 2SC2458		R003	1-247-865-00	CARBON	27K 5% 1/6W
Q104	8-729-245-83	TRANSISTOR 2SC2458		R004	1-247-845-00	CARBON	3.9K 5% 1/6W
Q105	8-729-245-83	TRANSISTOR 2SC2458		R005	1-247-839-00	CARBON	2.2K 5% 1/6W
Q106	8-729-245-83	TRANSISTOR 2SC2458		R006	1-247-875-00	CARBON	68K 5% 1/6W
Q107	8-729-245-83	TRANSISTOR 2SC2458		R007	1-247-863-00	CARBON	22K 5% 1/6W
Q108	8-729-245-83	TRANSISTOR 2SC2458		R009	1-247-850-00	CARBON	6.2K 5% 1/6W
Q109	8-729-204-83	TRANSISTOR 2SA1048GR		R010	1-247-850-00	CARBON	6.2K 5% 1/6W
Q110	8-729-245-83	TRANSISTOR 2SC2458		R011	1-247-850-00	CARBON	6.2K 5% 1/6W
Q111	8-729-245-83	TRANSISTOR 2SC2458		R012	1-247-871-00	CARBON	47K 5% 1/6W
				R013	1-247-877-00	CARBON	82K 5% 1/6W
				R014	1-247-885-00	CARBON	180K 5% 1/6W
				R015	1-247-873-00	CARBON	56K 5% 1/6W

B

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
R016	1-247-831-00	CARBON	1K 5% 1/6W	R114	1-247-827-00	CARBON	680 5% 1/6W
R017	1-247-104-00	CARBON	75 5% 1/4W	R115	1-247-835-00	CARBON	1.5K 5% 1/6W
R019	1-247-104-00	CARBON	75 5% 1/4W	R116	1-247-803-00	CARBON	68 5% 1/6W
R020	1-247-865-00	CARBON	27K 5% 1/6W	R117	1-247-827-00	CARBON	680 5% 1/6W
R021	1-247-845-00	CARBON	3.9K 5% 1/6W	R118	1-247-827-00	CARBON	680 5% 1/6W
R022	1-247-863-00	CARBON	22K 5% 1/6W	R119	1-247-807-00	CARBON	100 5% 1/6W
R023	1-247-875-00	CARBON	68K 5% 1/6W	R120	1-247-827-00	CARBON	680 5% 1/6W
R024	1-247-850-00	CARBON	6.2K 5% 1/6W	R121	1-247-827-00	CARBON	680 5% 1/6W
R025	1-247-871-00	CARBON	47K 5% 1/6W	R122	1-247-807-00	CARBON	100 5% 1/6W
R026	1-247-173-00	CARBON	56K 5% 1/4W	R123	1-247-831-00	CARBON	1K 5% 1/6W
R027	1-247-877-00	CARBON	82K 5% 1/6W	R124	1-247-823-00	CARBON	470 5% 1/6W
R028	1-247-885-00	CARBON	180K 5% 1/6W	R125	1-247-831-00	CARBON	1K 5% 1/6W
R029	1-247-855-00	CARBON	10K 5% 1/6W	R126	1-247-807-00	CARBON	100 5% 1/6W
R030	1-247-885-00	CARBON	180K 5% 1/6W	R127	1-247-827-00	CARBON	680 5% 1/6W
R031	1-247-877-00	CARBON	82K 5% 1/6W	R128	1-247-814-00	CARBON	200 5% 1/6W
R032	1-247-871-00	CARBON	47K 5% 1/6W	R129	1-247-835-00	CARBON	1.5K 5% 1/6W
R033	1-247-863-00	CARBON	22K 5% 1/6W	R130	1-247-827-00	CARBON	680 5% 1/6W
R034	1-247-875-00	CARBON	68K 5% 1/6W	R131	1-247-823-00	CARBON	470 5% 1/6W
R035	1-247-831-00	CARBON	1K 5% 1/6W	R132	1-247-837-00	CARBON	1.8K 5% 1/6W
R036	1-247-104-00	CARBON	75 5% 1/4W	R133	1-247-799-00	CARBON	47 5% 1/6W
R037	1-247-865-00	CARBON	27K 5% 1/6W	R135	1-247-816-00	CARBON	240 5% 1/6W
R038	1-247-845-00	CARBON	3.9K 5% 1/6W	R136	1-247-839-00	CARBON	2.2K 5% 1/6W
R039	1-247-850-00	CARBON	6.2K 5% 1/6W	R137	1-247-861-00	CARBON	18K 5% 1/6W
R040	1-247-875-00	CARBON	68K 5% 1/6W	R138	1-247-843-00	CARBON	3.3K 5% 1/6W
R041	1-247-104-00	CARBON	75 5% 1/4W	R140	1-247-863-00	CARBON	22K 5% 1/6W
R042	1-247-865-00	CARBON	27K 5% 1/6W	R141	1-247-863-00	CARBON	22K 5% 1/6W
R043	1-247-878-00	CARBON	91K 5% 1/6W	R143	1-247-807-00	CARBON	100 5% 1/6W
R045	1-247-855-00	CARBON	10K 5% 1/6W	R146	1-247-803-00	CARBON	68 5% 1/6W
R046	1-247-853-00	CARBON	8.2K 5% 1/6W	R147	1-247-835-00	CARBON	1.5K 5% 1/6W
R049	1-247-873-00	CARBON	56K 5% 1/6W	R148	1-247-835-00	CARBON	1.5K 5% 1/6W
R051	1-247-839-00	CARBON	2.2K 5% 1/6W	R149	1-247-863-00	CARBON	22K 5% 1/6W
R052	1-247-807-00	CARBON	100 5% 1/6W	R150	1-247-829-00	CARBON	820 5% 1/6W
R053	1-247-871-00	CARBON	47K 5% 1/6W	R151	1-247-823-00	CARBON	470 5% 1/6W
R054	1-247-871-00	CARBON	47K 5% 1/6W	R152	1-247-829-00	CARBON	820 5% 1/6W
R055	1-247-877-00	CARBON	82K 5% 1/6W	R153	1-247-843-00	CARBON	3.3K 5% 1/6W
R056	1-247-159-00	CARBON	15K 5% 1/4W	R154	1-247-863-00	CARBON	22K 5% 1/6W
R061	1-247-226-00	CARBON	270 5% 1/2W	R155	1-247-855-00	CARBON	10K 5% 1/6W
R062	1-247-133-00	CARBON	1.2K 5% 1/4W	R156	1-247-867-00	CARBON	33K 5% 1/6W
R063	1-247-791-00	CARBON	22 5% 1/6W	R157	1-247-867-00	CARBON	33K 5% 1/6W
R100	1-247-853-00	CARBON	8.2K 5% 1/6W	R158	1-247-875-00	CARBON	68K 5% 1/6W
R101	1-247-869-00	CARBON	39K 5% 1/6W	R159	1-247-827-00	CARBON	680 5% 1/6W
R102	1-247-815-00	CARBON	220 5% 1/6W	R160	1-247-869-00	CARBON	39K 5% 1/6W
R103	1-247-833-00	CARBON	1.2K 5% 1/6W	R161	1-247-855-00	CARBON	10K 5% 1/6W
R104	1-247-819-00	CARBON	330 5% 1/6W	R162	1-247-871-00	CARBON	47K 5% 1/6W
R105	1-247-827-00	CARBON	680 5% 1/6W	R165	1-247-903-00	CARBON	1M 5% 1/6W
R106	1-247-843-00	CARBON	3.3K 5% 1/6W	R167	1-247-835-00	CARBON	1.5K 5% 1/6W
R107	1-247-849-00	CARBON	5.6K 5% 1/6W	R168	1-247-867-00	CARBON	33K 5% 1/6W
R108	1-247-855-00	CARBON	10K 5% 1/6W	R170	1-247-859-00	CARBON	15K 5% 1/6W
R109	1-247-823-00	CARBON	470 5% 1/6W	R171	1-247-879-00	CARBON	100K 5% 1/6W
R110	1-247-823-00	CARBON	470 5% 1/6W	R173	1-247-847-00	CARBON	4.7K 5% 1/6W
R111	1-247-839-00	CARBON	2.2K 5% 1/6W	R176	1-247-887-00	CARBON	220K 5% 1/6W
R112	1-247-827-00	CARBON	680 5% 1/6W	R177	1-247-879-00	CARBON	100K 5% 1/6W
R113	1-247-817-00	CARBON	270 5% 1/6W	R178	1-247-883-00	CARBON	150K 5% 1/6W

B

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
R179	1-247-875-00	CARBON	68K	5%	1/6W	R234	1-247-815-00	CARBON	220	5%	1/6W
R180	1-247-831-00	CARBON	1K	5%	1/6W	R235	1-247-823-00	CARBON	470	5%	1/6W
R181	1-247-855-00	CARBON	10K	5%	1/6W	R236	1-247-807-00	CARBON	100	5%	1/6W
R182	1-247-871-00	CARBON	47K	5%	1/6W	R237	1-247-815-00	CARBON	220	5%	1/6W
R183	1-247-843-00	CARBON	3.3K	5%	1/6W	R238	1-247-867-00	CARBON	33K	5%	1/6W
R184	1-247-833-00	CARBON	1.2K	5%	1/6W	R239	1-247-877-00	CARBON	82K	5%	1/6W
R185	1-247-877-00	CARBON	82K	5%	1/6W	R240	1-247-841-00	CARBON	2.7K	5%	1/6W
R186	1-247-823-00	CARBON	470	5%	1/6W	R241	1-247-863-00	CARBON	22K	5%	1/6W
R187	1-247-865-00	CARBON	27K	5%	1/6W	R242	1-247-854-00	CARBON	9.1K	5%	1/6W
R188	1-247-867-00	CARBON	33K	5%	1/6W	R243	1-247-857-00	CARBON	12K	5%	1/6W
R189	1-247-875-00	CARBON	68K	5%	1/6W	R244	1-247-843-00	CARBON	3.3K	5%	1/6W
R190	1-247-867-00	CARBON	33K	5%	1/6W	R245	1-247-849-00	CARBON	5.6K	5%	1/6W
R191	1-247-871-00	CARBON	47K	5%	1/6W	R246	1-247-855-00	CARBON	10K	5%	1/6W
R192	1-247-839-00	CARBON	2.2K	5%	1/6W	R247	1-247-859-00	CARBON	15K	5%	1/6W
R193	1-247-845-00	CARBON	3.9K	5%	1/6W	R248	1-247-839-00	CARBON	2.2K	5%	1/6W
R194	1-247-859-00	CARBON	15K	5%	1/6W	R249	1-247-871-00	CARBON	47K	5%	1/6W
R195	1-247-839-00	CARBON	2.2K	5%	1/6W	R250	1-247-885-00	CARBON	180K	5%	1/6W
R196	1-247-865-00	CARBON	27K	5%	1/6W	R251	1-247-849-00	CARBON	5.6K	5%	1/6W
R197	1-247-827-00	CARBON	680	5%	1/6W	R252	1-247-853-00	CARBON	8.2K	5%	1/6W
R198	1-247-827-00	CARBON	680	5%	1/6W	R253	1-247-843-00	CARBON	3.3K	5%	1/6W
R199	1-247-831-00	CARBON	1K	5%	1/6W	R254	1-247-855-00	CARBON	10K	5%	1/6W
R200	1-247-879-00	CARBON	100K	5%	1/6W	R255	1-247-831-00	CARBON	1K	5%	1/6W
R201	1-247-903-00	CARBON	1M	5%	1/6W	R256	1-247-853-00	CARBON	8.2K	5%	1/6W
R202	1-247-903-00	CARBON	1M	5%	1/6W	R258	1-247-839-00	CARBON	2.2K	5%	1/6W
R203	1-247-855-00	CARBON	10K	5%	1/6W	R259	1-247-853-00	CARBON	8.2K	5%	1/6W
R204	1-247-855-00	CARBON	10K	5%	1/6W	R260	1-247-875-00	CARBON	68K	5%	1/6W
R205	1-247-855-00	CARBON	10K	5%	1/6W	R261	1-247-855-00	CARBON	10K	5%	1/6W
R206	1-247-875-00	CARBON	68K	5%	1/6W	R262	1-247-879-00	CARBON	100K	5%	1/6W
R207	1-247-815-00	CARBON	220	5%	1/6W	R263	1-247-855-00	CARBON	10K	5%	1/6W
R208	1-247-855-00	CARBON	10K	5%	1/6W	R264	1-247-875-00	CARBON	68K	5%	1/6W
R209	1-247-867-00	CARBON	33K	5%	1/6W	R265	1-247-855-00	CARBON	10K	5%	1/6W
R210	1-247-815-00	CARBON	220	5%	1/6W	R266	1-247-855-00	CARBON	10K	5%	1/6W
R211	1-247-815-00	CARBON	220	5%	1/6W	R267	1-247-875-00	CARBON	68K	5%	1/6W
R212	1-247-845-00	CARBON	3.9K	5%	1/6W	R268	1-247-875-00	CARBON	68K	5%	1/6W
R213	1-247-815-00	CARBON	220	5%	1/6W	R269	1-247-855-00	CARBON	10K	5%	1/6W
R214	1-247-815-00	CARBON	220	5%	1/6W	R270	1-247-827-00	CARBON	680	5%	1/6W
R215	1-247-847-00	CARBON	4.7K	5%	1/6W	R271	1-247-179-00	CARBON	100K	5%	1/4W
R216	1-247-879-00	CARBON	100K	5%	1/6W	R272	1-246-517-25	CARBON	68K	5%	1/4W
R217	1-247-879-00	CARBON	100K	5%	1/6W	R273	1-246-545-00	CARBON	1M	5%	1/4W
R218	1-247-855-00	CARBON	10K	5%	1/6W	R274	1-247-171-00	CARBON	47K	5%	1/4W
R219	1-247-849-00	CARBON	5.6K	5%	1/6W	R275	1-247-855-00	CARBON	10K	5%	1/6W
R220	1-247-867-00	CARBON	33K	5%	1/6W	R276	1-247-859-00	CARBON	15K	5%	1/6W
R221	1-247-867-00	CARBON	33K	5%	1/6W	R277	1-247-829-00	CARBON	820	5%	1/6W
R222	1-247-875-00	CARBON	68K	5%	1/6W	R278	1-247-839-00	CARBON	2.2K	5%	1/6W
R223	1-247-849-00	CARBON	5.6K	5%	1/6W	R279	1-247-167-00	CARBON	33K	5%	1/4W
R224	1-247-891-00	CARBON	330K	5%	1/6W	R280	1-247-871-00	CARBON	47K	5%	1/6W
R225	1-247-879-00	CARBON	100K	5%	1/6W	R281	1-247-859-00	CARBON	15K	5%	1/6W
R226	1-247-878-00	CARBON	91K	5%	1/6W	R282	1-247-839-00	CARBON	2.2K	5%	1/8W F
R228	1-247-835-00	CARBON	1.5K	5%	1/6W	R283	1-247-847-00	CARBON	4.7K	5%	1/6W
R230	1-247-847-00	CARBON	4.7K	5%	1/6W	R284	1-247-853-00	CARBON	8.2K	5%	1/6W
R231	1-247-873-00	CARBON	56K	5%	1/6W	R285	1-247-843-00	CARBON	3.3K	5%	1/6W
R232	1-247-821-00	CARBON	390	5%	1/6W	R286	1-247-843-00	CARBON	3.3K	5%	1/6W
R233	1-247-815-00	CARBON	220	5%	1/6W	R287	1-247-903-00	CARBON	1M	5%	1/6W

B F

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	
R288	1-247-879-00	CARBON	100K	5%	1/6W			<u>SWITCH</u>				
R290	1-247-855-00	CARBON	10K	5%	1/6W		S1	1-553-725-00	SWITCH, SLIDE			
R291	1-247-855-00	CARBON	10K	5%	1/6W		S2	1-553-725-00	SWITCH, SLIDE			
R292	1-247-071-00	CARBON	1	5%	1/4W		S3	1-553-725-00	SWITCH, SLIDE			
R293	1-247-841-00	CARBON	2.7K	5%	1/6W							
R294	1-247-807-00	CARBON	100	5%	1/6W			<u>TRANSFORMER</u>				
R295	1-247-855-00	CARBON	10K	5%	1/6W		T101	1-408-513-00	COIL (VARIABLE)			
R296	1-247-179-00	CARBON	100K	5%	1/4W		T102	1-409-193-00	COIL 3.58MHZ TRAP			
R297	1-247-871-00	CARBON	47K	5%	1/6W		T103	1-409-193-00	COIL 3.58MHZ TRAP			
R298	1-247-871-00	CARBON	47K	5%	1/6W		T104	1-404-081-00	TRANSFOMER, DELAY ADJUST			
R299	1-247-823-00	CARBON	470	5%	1/6W		T201	1-404-146-00	TRANSFORMER			
R301	1-247-658-00	CARBON	47	5%	1/4W	F	T202	1-408-532-00	COIL, VARIABLE			
R302	1-247-871-00	CARBON	47K	5%	1/6W		T203	1-408-532-00	COIL, VARIABLE			
R303	1-247-827-00	CARBON	680	5%	1/6W		T204	1-408-513-00	COIL (VARIABLE)			
R304	1-247-827-00	CARBON	680	5%	1/6W			<u>THERMISTOR</u>				
R305	1-247-827-00	CARBON	680	5%	1/6W			TH101	1-800-070-XX	THERMISTOR TH-4700		
R306	1-247-883-00	CARBON	150K	5%	1/6W			TH201	1-800-626-00	THERMISTOR		
R307	1-247-819-00	CARBON	330	5%	1/6W							
R308	1-247-865-00	CARBON	27K	5%	1/6W							
R309	1-247-815-00	CARBON	220	5%	1/6W							
R310	1-247-843-00	CARBON	3.3K	5%	1/6W							
R311	1-247-872-00	CARBON	51K	5%	1/6W		X101	1-527-396-00	CRYSTAL, OSC			
R312	1-247-839-00	CARBON	2.2K	5%	1/6W		X102	1-527-345-00	CRYSTAL, OSC			
R313	1-247-847-00	CARBON	4.7K	5%	1/6W							
R314	1-247-867-00	CARBON	33K	5%	1/6W							
R315	1-247-835-00	CARBON	1.5K	5%	1/6W							
R316	1-247-835-00	CARBON	1.5K	5%	1/6W							
R317	1-247-127-00	CARBON	680	5%	1/4W							
R318	1-247-813-00	CARBON	180	5%	1/6W							
R319	1-247-823-00	CARBON	470	5%	1/6W							
R322	1-247-851-00	CARBON	6.8K	5%	1/6W							
R324	1-247-127-00	CARBON	680	5%	1/4W							
R325	1-247-855-00	CARBON	10K	5%	1/6W							
R326	1-247-845-00	CARBON	3.9K	5%	1/6W							
R328	1-247-837-00	CARBON	1.8K	5%	1/6W							
R329	1-247-845-00	CARBON	3.9K	5%	1/6W							
R332	1-247-873-00	CARBON	56K	5%	1/6W							
R348	1-247-857-00	CARBON	12K	5%	1/6W							
R349	1-247-855-00	CARBON	10K	5%	1/6W							
<u>VARIABLE RESISTOR</u>												
RV101	1-226-845-00	RES, ADJ, CARBON	330				C611	1-125-260-00	ELECT (BLOCK)	470MF	200V	
RV103	1-226-849-00	RES, ADJ, CARBON	3.3K				C612	1-123-335-00	ELECT	330MF	25V	
RV104	1-226-852-00	RES, ADJ, CARBON	22K				C613	1-136-071-00	FILM	0.0057MF	3% 2KV	
RV105	1-226-852-00	RES, ADJ, CARBON	22K				C614	1-123-337-00	ELECT	1000MF	20%	
RV106	1-226-849-00	RES, ADJ, CARBON	3.3K				C615	1-123-333-00	ELECT	100MF	20% 16V	
RV107	1-228-724-00	RES, ADJ, CARBON	10K				C616	1-123-381-00	ELECT	2.2MF	20% 50V	
RV108	1-226-850-00	RES, ADJ, CARBON	4.7K				C617	1-102-125-00	CERAMIC	0.0047MF	10% 50V	
RV109	1-226-850-00	RES, ADJ, CARBON	4.7K				C619	1-106-180-00	MYLAR	0.0022MF	10% 100V	
RV110	1-226-846-00	RES, ADJ, CARBON	470				C621	1-123-356-00	ELECT	10MF	20% 16V	
RV111	1-226-853-00	RES, ADJ, CARBON	47K				C622	1-102-121-00	CERAMIC	0.0022MF	10% 50V	
							C623	1-101-004-00	CERAMIC	0.01MF	50V	
							C624	1-123-381-00	ELECT	2.2MF	20% 50V	
							C625	1-123-380-00	ELECT	1MF	20% 50V	
							C626	1-102-095-00	CERAMIC	330PF	20% 1KV	

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

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

F

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C627	1-123-024-00	ELECT	33MF	160V		<u>IC</u>	
C628	1-123-024-00	ELECT	33MF	160V	IC601	8-759-100-75	IC UPC1394C
C629	1-123-360-00	ELECT	100MF	20%	50V		
C630	1-123-998-00	ELECT	470MF	20%	25V		
C631	1-123-998-00	ELECT	470MF	20%	25V		
C632	1-123-323-00	ELECT	470MF	20%	16V	L601	1-408-225-00 MICRO INDUCTOR 3.3UH
C635	1-102-123-00	CERAMIC	0.0033MF	10%	50V	L602	1-407-365-00 COIL, CHOKE (HIGH FREQUENCY)
C640 A	1-161-953-51	CERAMIC	0.0047MF	20%	400V	L603	1-407-687-00 MICRO INDUCTOR 3.3UH
C643	1-123-333-00	ELECT	100MF	20%	16V	L609	1-459-155-00 COIL (WITH CORE) 45MH
C644	1-123-334-00	ELECT	220MF	20%	25V	L610	1-459-155-00 COIL (WITH CORE) 45MH
C645	1-123-334-00	ELECT	220MF	20%	25V	L612	1-459-155-00 COIL (WITH CORE) 45MH
C646	1-123-359-00	ELECT	47MF	20%	50V	L613	1-407-687-00 MICRO INDUCTOR 3.3UH
C647	1-123-024-00	ELECT	33MF		160V	L615	1-407-364-00 COIL, SPOOK CHOKE 3.3UH
C648 A	1-161-742-12	CERAMIC	0.0022MF	20%	400V		
C649 A	1-161-742-12	CERAMIC	0.0022MF	20%	400V		
<u>TRANSISTOR</u>							
C650 A	1-108-745-52	MYLAR	0.22MF	20%	125V	Q601	8-729-168-82 TRANSISTOR 2SC2688
C656	1-101-004-00	CERAMIC	0.01MF		50V	Q602	8-729-313-82 TRANSISTOR 2SD1138
C657	1-101-004-00	CERAMIC	0.01MF		50V	*4-347-706-00	HEAT SINK (TR), Q602
C658	1-108-429-00	MYLAR	0.047MF	10%	200V	Q603	8-729-103-43 TRANSISTOR 2SB734
C659	1-102-820-00	CERAMIC	330PF	5%	50V	Q604	8-729-177-43 TRANSISTOR 2SD774
C660	1-101-004-00	CERAMIC	0.01MF		50V	Q605	8-729-802-07 TRANSISTOR 2SD1403-CA
C665	1-123-027-00	ELECT	2.2MF		250V	4-363-414-00	SPACER, MICA, Q605
						*4-367-204-00	HOLDER (REG OUT), TRANSFORMER, Q605
						8-729-177-43	TRANSISTOR 2SD774
<u>DIODE</u>							
D601	8-719-503-06	DIODE S3WB60Z					<u>RESISTOR</u>
D602	8-719-100-77	DIODE RD18E-B2					
D603	8-719-911-55	DIODE U05G					
D604	8-719-924-06	DIODE ERC24-06S					
D605	8-719-924-06	DIODE ERC24-06S					
D606	8-719-911-55	DIODE U05G					
D607	8-719-300-76	DIODE RH-1A					
D608	8-719-102-74	DIODE RD6.2E-N2					
D609	8-719-901-83	DIODE 1SS83					
D610	8-719-100-87	DIODE RD22E-B3					
D611	8-719-901-83	DIODE 1SS83					
D612	8-719-900-26	DIODE ERD29-08J					
D613	8-719-901-93	DIODE V19E					
D614	8-719-901-93	DIODE V19E					
D615	8-719-981-00	DIODE ERC81-004					
D616	8-719-981-00	DIODE ERC81-004					
<u>CONNECTOR</u>							
F1	*1-506-349-21	3P PLUG (L)					
F3	*1-508-765-00	3P PLUG (M)					
F4	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)					
F6	*1-508-766-00	4P PLUG (M)					
F7	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)					
F8	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P					
<u>FUSE</u>							
F601 A	1-532-656-11	FUSE, GLASS TUBE 16.3A					
	1-533-087-00	HOLDER, FUSE, F601					
R616	1-247-843-00	CARBON					
R618	1-247-881-00	CARBON					
R619	1-247-895-00	CARBON					
R620	1-247-865-00	CARBON					
R621	1-247-855-00	CARBON					
R622	1-215-441-00	METAL					
R624	1-215-456-00	METAL					
R625	1-247-855-00	CARBON					
R626	1-247-807-00	CARBON					
R627	1-247-871-00	CARBON					
R628	1-247-831-00	CARBON					
R629	1-247-829-00	CARBON					

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

Les composants identifiés par une trame et une marque A sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

F F2 Q

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R630	1-247-815-00	CARBON	220 5% 1/6W	*A-1275-055-A	Q BOARD, COMPLETE	*****	
R631	1-213-163-00	METAL OXIDE	47K 5% 1W F				
R632	1-247-807-00	CARBON	100 5% 1/8W F				
R640 A.		METAL	1/6W				
R643	1-212-352-00	METAL OXIDE	0.22 5% 1W F		1-408-408-00	MICRO INDUCTOR 8.2UH	
R644	1-217-418-00	FUSIBLE	0.47 10% 1/2W F		1-536-843-11	TERMINAL BOARD, INPUT/OUTPUT (B)	
R645	1-212-356-00	METAL OXIDE	0.47 5% 1W F		*4-603-275-00	LOCK, SCREW	
R646	1-212-356-00	METAL OXIDE	0.47 5% 1W F				
R647	1-212-352-00	METAL OXIDE	0.22 5% 1W F				
R648	1-202-841-00	SOLID	180K 1/2W				
R649	1-202-433-35	SOLID	120K 10% 1/4W				
R650	1-247-831-00	CARBON	1K 5% 1/6W				
R659 A.	1-217-286-11	WIREWOUND	100 10% 1/4W F				
R660	1-247-692-11	CARBON	22 5% 1/4W F				
R665	1-247-173-00	CARBON	56K 5% 1/4W				
R666	1-247-791-00	CARBON	22 5% 1/8W F				
		VARIABLE RESISTOR					
RV601	1-224-249-XX	RES, ADJ, METAL GLAZE 1K					
		TRANSFORMER					
T601 A.	1-421-556-21	TRANSFORMER, LINE FILTER (LFT)					
T602 A.	1-421-556-21	TRANSFORMER, LINE FILTER (LFT)					
T603 A.	1-421-692-11	SRT					
T604 A.	1-421-678-11	TRANSFORMER, PULS					
		THERMISTOR					
ATHP601.1-800-686-32		THERMISTOR (POSITIVE)					
THP602	1-806-449-11	THERMISTOR (POSITIVE)					

		*1-613-847-11 F2 BOARD					

		*1-564-315-00 PIN ASSY, BOARD TO BOARD 7P					
		CAPACITOR					
C655	1-123-381-00	ELECT	2.2MF 20% 50V				
		DIODE					
D617	8-729-101-31	TRANSISTOR N13T1					
D620	8-719-102-90	DIODE RD10E-N2					
		TRANSISTOR					
Q609	8-729-245-83	TRANSISTOR 2SC2458					
		RESISTOR					
R655	1-244-919-51	CARBON	82K 5% 1/2W				
R656	1-247-863-00	CARBON	22K 5% 1/6W				
R657	1-247-807-00	CARBON	100 5% 1/6W				
R658	1-247-883-00	CARBON	150K 5% 1/6W				

- The components identified by **■** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Select the resistance value according to SAFETY RELATED ADJUSTMENT.

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

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Q

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C491	1-123-332-00	ELECT	47MF	20%	25V		
C492	1-123-332-00	ELECT	47MF	20%	25V		
C493	1-101-361-00	CERAMIC	150PF	5%	50V		
C494	1-106-196-00	MYLAR	0.01MF	10%	100V		
C495	1-101-006-00	CERAMIC	0.047MF		50V		
C497	1-123-356-00	ELECT	10MF	20%	25V		
		<u>CONNECTOR</u>					
CN407	*1-562-243-00	CONNECTOR 25P					
Q1	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P					
Q2	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P					
Q3	*1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P					
Q4	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P					
Q5	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P					
Q7	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)					
		<u>DIODE</u>					
D401	8-719-911-19	DIODE ISS119					
D402	8-719-911-19	DIODE ISS119					
D403	8-719-911-19	DIODE ISS119					
D404	8-719-100-37	DIODE RD6.2E-B1					
D405	8-719-100-37	DIODE RD6.2E-B1					
D406	8-719-100-37	DIODE RD6.2E-B1					
D407	8-719-100-37	DIODE RD6.2E-B1					
D408	8-719-911-19	DIODE ISS119					
D409	8-719-911-19	DIODE ISS119					
D410	8-719-911-19	DIODE ISS119					
D411	8-719-911-19	DIODE ISS119					
D412	8-719-911-19	DIODE ISS119					
D414	8-719-911-19	DIODE ISS119					
D415	8-719-911-19	DIODE ISS119					
D416	8-719-911-19	DIODE ISS119					
D418	8-719-100-37	DIODE RD6.2E-B1					
D419	8-719-100-37	DIODE RD6.2E-B1					
D420	8-719-911-19	DIODE ISS119					
D422	8-719-100-37	DIODE RD6.2E-B1					
D423	8-719-100-22	DIODE RD4.3E-B1					
D424	8-719-911-19	DIODE ISS119					
D425	8-719-100-26	DIODE RD4.7E-B1					
D426	8-719-100-37	DIODE RD6.2E-B1					
D427	8-719-100-37	DIODE RD6.2E-B1					
D428	8-719-100-37	DIODE RD6.2E-B1					
D435	8-719-911-19	DIODE ISS119					
D436	8-719-911-19	DIODE ISS119					
D437	8-719-911-19	DIODE ISS119					
		<u>FUSE</u>					
F401 A.	1-532-580-11	FUSE, GLASS TUBE					
	1-533-087-00	HOLDER, FUSE, F401					
F402 A.	1-532-536-11	FUSE, GLASS-TUBE 1A 125V					
	1-533-087-00	HOLDER, FUSE, F402					
F403 A.	1-532-580-11	FUSE, GLASS TUBE					
		<u>COIL</u>					
L407	1-408-163-00	MICRO INDUCTOR 5.6MMH					
		<u>TRANSISTOR</u>					
Q401	8-729-204-83	TRANSISTOR 2SA1048GR					
Q402	8-729-245-83	TRANSISTOR 2SC2458					
Q403	8-729-204-83	TRANSISTOR 2SA1048GR					
Q404	8-729-245-83	TRANSISTOR 2SC2458					
Q405	8-729-204-83	TRANSISTOR 2SA1048GR					
Q406	8-729-245-83	TRANSISTOR 2SC2458					
Q407	8-729-204-83	TRANSISTOR 2SA1048GR					
Q408	8-729-204-83	TRANSISTOR 2SA1048GR					
Q409	8-729-245-83	TRANSISTOR 2SC2458					
Q410	8-729-204-83	TRANSISTOR 2SA1048GR					
Q411	8-729-245-83	TRANSISTOR 2SC2458					
Q412	8-729-245-83	TRANSISTOR 2SC2458					
Q413	8-729-245-83	TRANSISTOR 2SC2458					
Q414	8-729-204-83	TRANSISTOR 2SA1048GR					
Q415	8-729-245-83	TRANSISTOR 2SC2458					
Q416	8-729-245-83	TRANSISTOR 2SC2458					
Q417	8-729-245-83	TRANSISTOR 2SC2458					
Q418	8-729-204-83	TRANSISTOR 2SA1048GR					
Q419	8-729-245-83	TRANSISTOR 2SC2458					
Q420	8-729-245-83	TRANSISTOR 2SC2458					
Q421	8-729-245-83	TRANSISTOR 2SC2458					
Q422	8-729-245-83	TRANSISTOR 2SC2458					
Q423	8-729-245-83	TRANSISTOR 2SC2458					
Q424	8-729-204-83	TRANSISTOR 2SA1048GR					
Q425	8-729-245-83	TRANSISTOR 2SC2458					
Q426	8-729-245-83	TRANSISTOR 2SC2458					
Q429	8-729-245-83	TRANSISTOR 2SC2458					
Q430	8-729-204-83	TRANSISTOR 2SA1048GR					
Q431	8-729-245-83	TRANSISTOR 2SC2458					
Q433	8-729-204-83	TRANSISTOR 2SA1048GR					
Q434	8-729-204-83	TRANSISTOR 2SA1048GR					

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

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Q

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
Q435	8-729-204-83	TRANSISTOR 2SA1048GR		R410	1-247-878-00	CARBON	91K 5% 1/6W
Q442	8-729-245-83	TRANSISTOR 2SC2458		R411	1-247-833-00	CARBON	1.2K 5% 1/6W
Q443	8-729-245-83	TRANSISTOR 2SC2458		R412	1-247-865-00	CARBON	27K 5% 1/6W
Q444	8-729-245-83	TRANSISTOR 2SC2458		R413	1-247-853-00	CARBON	8.2K 5% 1/6W
Q445	8-729-204-83	TRANSISTOR 2SA1048GR		R414	1-247-829-00	CARBON	820 5% 1/6W
Q446	8-729-204-83	TRANSISTOR 2SA1048GR		R415	1-247-104-00	CARBON	75 5% 1/4W
Q447	8-729-245-83	TRANSISTOR 2SC2458		R416	1-247-131-00	CARBON	1K 5% 1/4W
Q448	8-729-204-83	TRANSISTOR 2SA1048GR		R417	1-247-878-00	CARBON	91K 5% 1/6W
Q449	8-729-245-83	TRANSISTOR 2SC2458		R418	1-247-833-00	CARBON	1.2K 5% 1/6W
Q450	8-729-204-83	TRANSISTOR 2SA1048GR		R419	1-247-865-00	CARBON	27K 5% 1/6W
Q451	8-729-245-83	TRANSISTOR 2SC2458		R420	1-247-853-00	CARBON	8.2K 5% 1/6W
Q452	8-729-204-83	TRANSISTOR 2SA1048GR		R421	1-247-829-00	CARBON	820 5% 1/6W
Q453	8-729-245-83	TRANSISTOR 2SC2458		R422	1-247-173-00	CARBON	56K 5% 1/4W
Q454	8-729-204-83	TRANSISTOR 2SA1048GR		R423	1-247-885-00	CARBON	180K 5% 1/6W
Q455	8-729-245-83	TRANSISTOR 2SC2458		R424	1-247-877-00	CARBON	82K 5% 1/6W
Q456	8-729-245-83	TRANSISTOR 2SC2458		R425	1-247-871-00	CARBON	47K 5% 1/6W
Q457	8-729-204-83	TRANSISTOR 2SA1048GR		R426	1-247-851-00	CARBON	6.8K 5% 1/6W
<u>RESISTOR</u>							
R351	1-247-855-00	CARBON	10K 5% 1/6W	R427	1-247-847-00	CARBON	4.7K 5% 1/6W
R352	1-247-815-00	CARBON	220 5% 1/6W	R428	1-247-173-00	CARBON	56K 5% 1/4W
R353	1-247-855-00	CARBON	10K 5% 1/6W	R429	1-247-885-00	CARBON	180K 5% 1/6W
R354	1-247-815-00	CARBON	220 5% 1/6W	R430	1-247-877-00	CARBON	82K 5% 1/6W
R355	1-247-807-00	CARBON	100 5% 1/6W	R431	1-247-871-00	CARBON	47K 5% 1/6W
R356	1-247-127-00	CARBON	680 5% 1/4W	R432	1-247-851-00	CARBON	6.8K 5% 1/6W
R357	1-247-127-00	CARBON	680 5% 1/4W	R433	1-247-847-00	CARBON	4.7K 5% 1/6W
R358	1-247-827-00	CARBON	680 5% 1/6W	R434	1-247-807-00	CARBON	100 5% 1/6W
R359	1-247-827-00	CARBON	680 5% 1/6W	R435	1-247-879-00	CARBON	100K 5% 1/6W
R361	1-247-127-00	CARBON	680 5% 1/4W	R436	1-247-103-00	CARBON	68 5% 1/4W
R362	1-247-127-00	CARBON	680 5% 1/4W	R437	1-247-131-00	CARBON	1K 5% 1/4W
R364	1-247-827-00	CARBON	680 5% 1/6W	R438	1-247-839-00	CARBON	2.2K 5% 1/6W
R365	1-247-127-00	CARBON	680 5% 1/4W	R439	1-247-155-00	CARBON	10K 5% 1/4W
R366	1-247-115-00	CARBON	220 5% 1/4W	R440	1-247-878-00	CARBON	91K 5% 1/6W
R367	1-247-115-00	CARBON	220 5% 1/4W	R442	1-247-865-00	CARBON	27K 5% 1/6W
R368	1-247-855-00	CARBON	10K 5% 1/6W	R443	1-247-853-00	CARBON	8.2K 5% 1/6W
R369	1-247-815-00	CARBON	220 5% 1/6W	R444	1-247-103-00	CARBON	68 5% 1/4W
R370	1-247-815-00	CARBON	220 5% 1/6W	R445	1-247-131-00	CARBON	1K 5% 1/4W
R371	1-247-843-00	CARBON	3.3K 5% 1/6W	R446	1-247-839-00	CARBON	2.2K 5% 1/6W
R372	1-246-485-25	CARBON	3.3K 5% 1/4W	R447	1-247-155-00	CARBON	10K 5% 1/4W
R373	1-246-537-00	CARBON	470K 5% 1/4W	R448	1-247-878-00	CARBON	91K 5% 1/6W
R374	1-247-871-00	CARBON	47K 5% 1/6W	R450	1-247-865-00	CARBON	27K 5% 1/6W
R377	1-247-845-00	CARBON	3.9K 5% 1/6W	R451	1-247-853-00	CARBON	8.2K 5% 1/6W
R378	1-247-855-00	CARBON	10K 5% 1/6W	R452	1-247-103-00	CARBON	68 5% 1/4W
R379	1-247-127-00	CARBON	680 5% 1/4W	R453	1-247-131-00	CARBON	1K 5% 1/4W
R401	1-247-104-00	CARBON	75 5% 1/4W	R454	1-247-839-00	CARBON	2.2K 5% 1/6W
R402	1-247-131-00	CARBON	1K 5% 1/4W	R455	1-247-155-00	CARBON	10K 5% 1/4W
R403	1-247-878-00	CARBON	91K 5% 1/6W	R456	1-247-878-00	CARBON	91K 5% 1/6W
R404	1-247-833-00	CARBON	1.2K 5% 1/6W	R458	1-247-865-00	CARBON	27K 5% 1/6W
R405	1-247-865-00	CARBON	27K 5% 1/6W	R459	1-247-853-00	CARBON	8.2K 5% 1/6W
R406	1-247-853-00	CARBON	8.2K 5% 1/6W	R460	1-247-107-00	CARBON	100 5% 1/4W
R407	1-247-829-00	CARBON	820 5% 1/6W	R461	1-247-839-00	CARBON	2.2K 5% 1/6W
R408	1-247-104-00	CARBON	75 5% 1/4W	R462	1-247-831-00	CARBON	1K 5% 1/6W
R409	1-247-131-00	CARBON	1K 5% 1/4W	R463	1-247-845-00	CARBON	3.9K 5% 1/6W
				R465	1-247-835-00	CARBON	1.5K 5% 1/6W
				R466	1-247-819-00	CARBON	330 5% 1/6W

Q

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R467	1-247-829-00	CARBON	820 5% 1/6W	R1433	1-247-843-00	CARBON	3.3K 5% 1/6W
R468	1-247-835-00	CARBON	1.5K 5% 1/6W	R1434	1-247-848-00	CARBON	5.1K 5% 1/6W
R469	1-247-819-00	CARBON	330 5% 1/6W	R1435	1-247-833-00	CARBON	1.2K 5% 1/6W
R470	1-247-829-00	CARBON	820 5% 1/6W	R1436	1-247-869-00	CARBON	39K 5% 1/6W
R471	1-247-835-00	CARBON	1.5K 5% 1/6W	R1437	1-247-855-00	CARBON	10K 5% 1/6W
R472	1-247-819-00	CARBON	330 5% 1/6W	R1438	1-247-849-00	CARBON	5.6K 5% 1/6W
R473	1-247-829-00	CARBON	820 5% 1/6W	R1439	1-247-847-00	CARBON	4.7K 5% 1/6W
R474	1-247-847-00	CARBON	4.7K 5% 1/6W	R1441	1-247-863-00	CARBON	22K 5% 1/6W
R475	1-247-853-00	CARBON	8.2K 5% 1/6W	R1442	1-247-901-00	CARBON	820K 5% 1/6W
R476	1-247-831-00	CARBON	1K 5% 1/6W	R1443	1-247-901-00	CARBON	820K 5% 1/6W
R477	1-247-847-00	CARBON	4.7K 5% 1/6W	R1444	1-247-901-00	CARBON	820K 5% 1/6W
R478	1-247-847-00	CARBON	4.7K 5% 1/6W	R1445	1-247-867-00	CARBON	33K 5% 1/6W
R479	1-247-847-00	CARBON	4.7K 5% 1/6W	R1446	1-247-867-00	CARBON	33K 5% 1/6W
R480	1-247-103-00	CARBON	68 5% 1/4W	R1447	1-246-527-00	CARBON	180K 5% 1/4W
R481	1-247-139-00	CARBON	2.2K 5% 1/4W	R1448	1-247-849-00	CARBON	5.6K 5% 1/6W
R482	1-247-839-00	CARBON	2.2K 5% 1/6W	R1449	1-247-839-00	CARBON	2.2K 5% 1/6W
R483	1-247-807-00	CARBON	100 5% 1/6W	R1451	1-247-831-00	CARBON	1K 5% 1/6W
R484	1-247-855-00	CARBON	10K 5% 1/6W	R1452	1-247-843-00	CARBON	3.3K 5% 1/6W
R485	1-247-878-00	CARBON	91K 5% 1/6W	R1453	1-247-831-00	CARBON	1K 5% 1/6W
R486	1-247-865-00	CARBON	27K 5% 1/6W	R1454	1-247-843-00	CARBON	3.3K 5% 1/6W
R487	1-247-853-00	CARBON	8.2K 5% 1/6W	R1455	1-247-839-00	CARBON	2.2K 5% 1/6W
R488	1-247-115-00	CARBON	220 5% 1/4W	R1456	1-247-823-00	CARBON	470 5% 1/6W
R489	1-247-147-00	CARBON	4.7K 5% 1/4W	R1457	1-247-839-00	CARBON	2.2K 5% 1/6W
R490	1-247-835-00	CARBON	1.5K 5% 1/6W	R1458	1-247-799-00	CARBON	47 5% 1/6W
R491	1-247-839-00	CARBON	2.2K 5% 1/6W	R1459	1-247-825-00	CARBON	560 5% 1/6W
R492	1-247-829-00	CARBON	820 5% 1/6W	R1460	1-247-791-00	CARBON	22 5% 1/6W
R493	1-247-819-00	CARBON	330 5% 1/6W	R1461	1-247-839-00	CARBON	2.2K 5% 1/6W
R494	1-247-847-00	CARBON	4.7K 5% 1/6W	R1462	1-247-823-00	CARBON	470 5% 1/6W
R495	1-247-863-00	CARBON	22K 5% 1/6W	R1463	1-247-839-00	CARBON	2.2K 5% 1/6W
R496	1-247-871-00	CARBON	47K 5% 1/6W	R1464	1-247-799-00	CARBON	47 5% 1/6W
R497	1-247-855-00	CARBON	10K 5% 1/6W	R1465	1-247-825-00	CARBON	560 5% 1/6W
R499	1-247-819-00	CARBON	330 5% 1/6W	R1466	1-247-791-00	CARBON	22 5% 1/6W
R661	1-247-113-00	CARBON	180 5% 1/4W	R1467	1-247-839-00	CARBON	2.2K 5% 1/6W
R662	1-247-113-00	CARBON	180 5% 1/4W	R1468	1-247-823-00	CARBON	470 5% 1/6W
R663	1-247-113-00	CARBON	180 5% 1/4W	R1469	1-247-839-00	CARBON	2.2K 5% 1/6W
R664	1-247-821-00	CARBON	390 5% 1/6W	R1470	1-247-799-00	CARBON	47 5% 1/6W
R665	1-247-821-00	CARBON	390 5% 1/6W	R1471	1-247-825-00	CARBON	560 5% 1/6W
R666	1-247-821-00	CARBON	390 5% 1/6W	R1472	1-247-791-00	CARBON	22 5% 1/6W
R1401	1-247-839-00	CARBON	2.2K 5% 1/6W	R1473	1-247-853-00	CARBON	8.2K 5% 1/6W
R1402	1-247-831-00	CARBON	1K 5% 1/6W	R1474	1-247-851-00	CARBON	6.8K 5% 1/6W
R1403	1-247-861-00	CARBON	18K 5% 1/6W	R1475	1-247-855-00	CARBON	10K 5% 1/6W
R1404	1-247-845-00	CARBON	3.9K 5% 1/6W	R1476	1-247-815-00	CARBON	220 5% 1/6W
R1405	1-247-855-00	CARBON	10K 5% 1/6W	R1477	1-247-815-00	CARBON	220 5% 1/6W
R1406	1-247-843-00	CARBON	3.3K 5% 1/6W	R1478	1-247-815-00	CARBON	220 5% 1/6W
R1413	1-247-145-00	CARBON	3.9K 5% 1/4W	R1479	1-247-847-00	CARBON	4.7K 5% 1/6W
R1414	1-247-123-00	CARBON	470 5% 1/4W	R1480	1-247-847-00	CARBON	4.7K 5% 1/6W
R1415	1-247-149-00	CARBON	5.6K 5% 1/4W	R1481	1-247-831-00	CARBON	1K 5% 1/6W
R1417	1-247-823-00	CARBON	470 5% 1/6W	R1482	1-247-855-00	CARBON	10K 5% 1/6W
R1419	1-247-835-00	CARBON	1.5K 5% 1/6W	R1483	1-247-855-00	CARBON	10K 5% 1/6W
R1420	1-247-847-00	CARBON	4.7K 5% 1/6W	R1484	1-247-155-00	CARBON	10K 5% 1/4W
R1421	1-247-831-00	CARBON	1K 5% 1/6W	R1485	1-247-115-00	CARBON	220 5% 1/4W
R1423	1-247-827-00	CARBON	680 5% 1/6W	R1486	1-247-155-00	CARBON	10K 5% 1/4W
R1432	1-247-855-00	CARBON	10K 5% 1/6W	R1487	1-247-115-00	CARBON	220 5% 1/4W

Q C1

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>					<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>					<u>Remark</u>	
R1488	1-247-155-00	CARBON	10K	5%	1/4W					<u>TRANSISTOR</u>						
R1489	1-247-115-00	CARBON	220	5%	1/4W			Q701	8-729-245-83	TRANSISTOR	2SC2458					
R1490	1-247-155-00	CARBON	10K	5%	1/4W			Q702	8-729-168-82	TRANSISTOR	2SC2688					
R1492	1-247-115-00	CARBON	220	5%	1/4W			4-370-970-01	SPACER, TR, 0702							
		<u>VARIABLE RESISTOR</u>						Q703	8-729-245-83	TRANSISTOR	2SC2458					
								Q704	8-729-168-82	TRANSISTOR	2SC2688					
RV401	1-226-853-00	RES, ADJ, CARBON	47K					4-370-970-01	SPACER, TR, 0704							
RV402	1-226-852-00	RES, ADJ, CARBON	22K					8-729-245-83	TRANSISTOR	2SC2458						
RV403	1-226-852-00	RES, ADJ, CARBON	22K					8-729-168-82	TRANSISTOR	2SC2688						
RV404	1-226-852-00	RES, ADJ, CARBON	22K					4-370-970-01	SPACER, TR, 0706							
RV405	1-226-852-00	RES, ADJ, CARBON	22K													
		<u>SWITCH</u>								<u>RESISTOR</u>						
S401	1-553-725-00	SWITCH, SLIDE						R701	1-247-839-00	CARBON	2.2K	5%	1/6W			
S402	1-553-725-00	SWITCH, SLIDE						R702	1-247-823-00	CARBON	470	5%	1/6W			
S403	1-553-725-00	SWITCH, SLIDE						R703	1-247-823-00	CARBON	470	5%	1/6W			
								R704	1-247-793-00	CARBON	27	5%	1/6W			
								R705	1-206-743-00	METAL OXIDE	5.6K	5%	3W	F		

		*A-1330-541-A	C1 BOARD, COMPLETE					R706	1-247-813-00	CARBON	180	5%	1/6W			
		*****						R708	1-247-838-00	CARBON	2K	5%	1/6W			
								R709	1-247-839-00	CARBON	2.2K	5%	1/6W			
								R710	1-247-823-00	CARBON	470	5%	1/6W			
								R711	1-247-823-00	CARBON	470	5%	1/6W			
		<u>CONNECTOR</u>														
C1	*1-508-765-00	3P PLUG (M)						R712	1-247-793-00	CARBON	27	5%	1/6W			
C2	*1-508-786-00	2P PLUG (M)						R713	1-206-743-00	METAL OXIDE	5.6K	5%	3W	F		
		<u>CAPACITOR</u>						R714	1-247-813-00	CARBON	180	5%	1/6W			
								R716	1-247-838-00	CARBON	2K	5%	1/6W			
								R717	1-247-839-00	CARBON	2.2K	5%	1/6W			
C701	1-123-356-00	ELECT	10MF	20%	25V			R718	1-247-823-00	CARBON	470	5%	1/6W			
C703	1-102-116-00	CERAMIC	680PF	10%	50V			R719	1-247-823-00	CARBON	470	5%	1/6W			
C704	1-124-039-51	ELECT	10MF	20%	16V			R720	1-247-793-00	CARBON	27	5%	1/6W			
C705	1-102-116-00	CERAMIC	680PF	10%	50V			R721	1-206-743-00	METAL OXIDE	5.6K	5%	3W	F		
C706	1-124-039-51	ELECT	10MF	20%	16V			R722	1-247-813-00	CARBON	180	5%	1/6W			
C707	1-102-116-00	CERAMIC	680PF	10%	50V			R723	1-247-779-00	CARBON	6.8	5%	1/6W			
C708	1-124-039-51	ELECT	10MF	20%	16V			R724	1-247-838-00	CARBON	2K	5%	1/6W			
C709	1-121-759-00	ELECT	4.7MF		250V			R725	1-247-095-00	CARBON	33	5%	1/4W			
C710	1-108-433-00	MYLAR	0.1MF	10%	200V			R726	1-244-925-00	CARBON	150K	5%	1/2W			
C711	1-102-038-00	CERAMIC	0.001MF		500V			R727	1-202-824-00	SOLID	3.3K		1/2W			
C712	1-129-737-00	FILM	0.047MF	20%	630V			R728	1-202-824-00	SOLID	3.3K		1/2W			
C713	1-123-356-00	ELECT	10MF	20%	50V			R729	1-202-824-00	SOLID	3.3K		1/2W			
C714	1-102-249-00	CERAMIC	680PF	20%	2KV			R730	1-202-815-51	SOLID	47K		1/2W			
C715	1-102-219-00	CERAMIC	680PF	20%	1KV			R731	1-202-719-00	SOLID	1M	10%	1/2W			
C716	1-102-074-00	CERAMIC	0.001MF	10%	50V			R732	1-202-722-00	SOLID	1.8M	10%	1/2W			
		<u>DIODE</u>						R733	1-202-719-00	SOLID	1M	10%	1/2W			
D701	8-719-300-76	DIODE RH-1A						R734	1-202-824-00	SOLID	3.3K		1/2W			
D702	8-719-300-76	DIODE RH-1A						R735	1-202-720-00	SOLID	1.2M	10%	1/2W			
D703	8-719-300-76	DIODE RH-1A						R736	1-202-834-00	SOLID	27K		1/2W			
		<u>COIL</u>						R737	1-202-549-00	SOLID	100	5%	1/2W			
L701	1-407-701-00	MICRO INDUCTOR	47UH					R738	1-202-842-51	SOLID	220K		1/2W			
L702	1-407-701-00	MICRO INDUCTOR	47UH							<u>VARIABLE RESISTOR</u>						
L703	1-407-701-00	MICRO INDUCTOR	47UH							RV701	1-228-719-00	RES, ADJ, CERAMIC	CARBON	470		
L704	1-407-701-00	MICRO INDUCTOR	47UH							RV702	1-228-723-00	RES, ADJ, CERAMIC	CARBON	4.7K		

C1	C2	D
----	----	---

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
RV703	1-228-719-00	RES, ADJ, CERAMIC CARBON 470		C525	1-108-583-00	MYLAR	0.015MF 5% 50V
RV704	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C526	1-131-356-00	TANTALUM	3.3MF 10% 25V
RV705	1-228-719-00	RES, ADJ, CERAMIC CARBON 470		C527	1-123-323-00	ELECT	470MF 20% 16V
RV706	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C528	1-123-382-00	ELECT	3.3MF 20% 50V
RV707	1-228-719-00	RES, ADJ, CERAMIC CARBON 470		C529	1-123-228-00	ELECT	1MF 20% 50V
RV708	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C530	1-108-579-00	MYLAR	0.01MF 5% 50V
RV709	1-228-719-00	RES, ADJ, CERAMIC CARBON 470		C531	1-108-595-00	MYLAR	0.047MF 5% 50V
RV710	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C532	1-123-380-00	ELECT	1MF 20% 50V
RV711	1-228-719-00	RES, ADJ, CERAMIC CARBON 470		C533	1-123-356-00	ELECT	10MF 20% 16V
RV712	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C534	1-106-172-00	MYLAR	0.001MF 5% 50V
RV713	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M		C535	1-123-356-00	ELECT	10MF 20% 25V
RV714	1-226-063-00	RES, ADJ, CARBON 2.2M		C751	1-123-380-00	ELECT	1MF 20% 50V
C535	1-124-043-51	ELECT	2.2MF 20% 50V	C752	1-124-043-51	ELECT	1MF 20% 50V
*****	*****	*****	*****	C753	1-124-038-00	ELECT	1MF 20% 50V
*****	*****	*****	*****	C755	1-108-603-00	MYLAR	0.1MF 5% 50V
*1-613-038-11	C2 BOARD			C756	1-124-038-00	ELECT	1MF 20% 50V
*****	*****	*****	*****	C757	1-162-117-00	CERAMIC	100PF 10% 500V
CONNECTOR				C758	1-108-824-00	MYLAR	0.47MF 5% 50V
C4	*1-560-129-00	PLUG, CONNECTOR (2.5MM) 9P		C759	1-123-356-00	ELECT	10MF 20% 25V
C5	*1-560-129-00	PLUG, CONNECTOR (2.5MM) 9P		C760	1-124-126-00	ELECT	47MF 20% 25V
SWITCH				C761	1-123-382-00	ELECT	3.3MF 20% 50V
S701	1-554-974-11	SWITCH, SLIDE		C762	1-123-330-00	ELECT	22MF 20% 25V
				C764	1-123-334-00	ELECT	220MF 20% 25V
				C766	1-123-380-00	ELECT	1MF 20% 50V
				C767	1-123-380-00	ELECT	1MF 20% 50V
*****	*****	*****	*****	C768	1-106-220-00	MYLAR	0.1MF 10% 100V
*A-1345-472-A	D BOARD, COMPLETE			C769	1-124-126-00	ELECT	47MF 20% 25V
*****	*****	*****	*****	C801	1-136-173-00	FILM	0.47MF 5% 50V
3-701-833-01	HEAD, WASHER, TAPPING SCREW			C802	1-123-381-00	ELECT	2.2MF 20% 50V
CAPACITOR				C803	1-101-888-00	CERAMIC	68PF 5% 50V
C503	1-102-121-00	CERAMIC	0.0022MF 10% 50V	C804	1-123-380-00	ELECT	1MF 20% 50V
C504	1-106-208-00	MYLAR	0.033MF 10% 100V	C805	1-102-531-00	CERAMIC	150PF 5% 50V
C505	1-123-380-00	ELECT	1MF 20% 50V	C806	1-106-172-00	MYLAR	0.001MF 5% 50V
C506	1-108-587-00	MYLAR	0.022MF 5% 50V	C807	1-102-531-00	CERAMIC	150PF 5% 50V
C507	1-123-380-00	ELECT	1MF 20% 50V	C808	1-123-369-00	ELECT	4.7MF 20% 25V
C508	1-136-173-00	FILM	0.47MF 5% 50V	C810	1-106-188-00	MYLAR	0.0047MF 5% 50V
C509	1-123-380-00	ELECT	1MF 20% 50V	C811	1-106-196-00	MYLAR	0.01MF 10% 100V
C511	1-123-356-00	ELECT	10MF 20% 25V	C813	1-106-204-00	MYLAR	0.022MF 10% 100V
C512	1-123-380-00	ELECT	1MF 20% 50V	C814	1-106-180-00	MYLAR	0.0022MF 10% 100V
C513	1-108-587-00	MYLAR	0.022MF 5% 50V	C815	1-129-794-00	FILM	0.0033MF 5% 100V
C514	1-108-595-00	MYLAR	0.047MF 5% 50V	C816	1-123-381-00	ELECT	2.2MF 20% 50V
C515	1-124-514-51	ELECT	100MF 20% 50V	C817	1-123-381-00	ELECT	2.2MF 20% 50V
C516	1-102-228-00	CERAMIC	470PF 10% 500V	C818	1-123-330-00	ELECT	22MF 20% 25V
C517	1-106-204-00	MYLAR	0.022MF 10% 100V	C819	1-123-330-00	ELECT	2.2MF 20% 50V
C518	1-123-356-00	ELECT	10MF 20% 25V	C821	1-123-381-00	ELECT	2.2MF 20% 50V
C519	1-123-228-00	ELECT	1MF 20% 50V	C822	1-123-380-00	ELECT	1MF 20% 50V
C520	1-123-330-00	ELECT	22MF 20% 25V	C823	1-123-356-00	ELECT	10MF 20% 16V
C521	1-123-336-00	ELECT	470MF 20% 25V	C824	1-123-356-00	ELECT	10MF 20% 50V
C522	1-123-330-00	ELECT	22MF 20% 16V	C825	1-123-322-00	ELECT	330MF 20% 16V
C523	1-123-330-00	ELECT	22MF 20% 16V	C827	1-123-379-00	ELECT	0.47MF 20% 50V
C524	1-123-380-00	ELECT	1MF 20% 50V	C828	1-102-820-00	CERAMIC	330PF 5% 50V
				C829	1-106-385-00	MYLAR	0.056MF 10% 200V
				C830	1-102-030-00	CERAMIC	330PF 10% 500V

D

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C832	A1-161-961-11	CERAMIC	0.0022MF 10% 3KV	D3	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P	
C833	1-108-431-00	MYLAR	0.068MF 10% 200V	D4	*1-508-765-00	3P PLUG (M)	
C834	A1-136-064-11	FILM	0.002MF 10% 3% 2KV	D5	*1-508-765-00	3P PLUG (M)	
C835	A1-136-079-11	FILM	0.01MF 10% 3% 2KV	D6	*1-564-038-00	CONNECTOR PLUG, DY (MINI) 6P	
C836	1-136-186-00	FILM	2.4MF 5% 200V	D7	*1-508-766-00	4P PLUG (M)	
C837	1-108-433-00	MYLAR	0.1MF 10% 200V	D8	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C838	1-136-112-00	FILM	1.4MF 5% 200V	D9	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P	
C839	1-130-566-00	MYLAR	2.2MF 10% 250V	D10	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH)	
C840	1-136-123-00	FILM	0.51MF 5% 400V	D11	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C841	1-123-267-00	ELECT	2.2MF 20% 160V	D12	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C842	1-106-186-00	MYLAR	0.0039MF 10% 100V			<u>DIODE</u>	
C843	1-123-380-00	ELECT	1MF 20% 50V	D501	8-719-100-23	DIODE RD4.3E-B2	
C844	1-123-322-00	ELECT	330MF 20% 16V	D502	8-719-911-19	DIODE ISS119	
C846	1-123-347-00	ELECT	330MF 20% 35V	D504	8-719-911-19	DIODE ISS119	
C849	1-108-603-00	MYLAR	0.1MF 5% 50V	D505	8-719-911-19	DIODE ISS119	
C850	1-129-706-00	FILM	0.0022MF 10% 630V	D506	8-719-911-55	DIODE U05G	
C851	1-106-367-00	MYLAR	0.01MF 10% 200V	D507	8-719-911-19	DIODE ISS119	
C852	1-123-337-00	ELECT	1000MF 20% 25V	D751	8-719-911-19	DIODE ISS119	
C853	1-102-212-00	CERAMIC	820PF 10% 500V	D752	8-719-911-19	DIODE ISS119	
C854	1-121-999-00	ELECT	10MF 160V	D753	8-719-911-19	DIODE ISS119	
C855	1-123-024-00	ELECT	33MF 160V	D754	8-719-911-19	DIODE ISS119	
C856	1-108-429-00	MYLAR	0.047MF 10% 200V	D801	8-719-911-55	DIODE U05G	
C857	1-102-223-00	CERAMIC	0.0047MF 10% 2KV	D802	8-719-911-19	DIODE ISS119	
C858	1-102-527-00	CERAMIC	82PF 5% 50V	D803	8-719-100-30	DIODE RD5.1E-B2	
C859	1-123-369-00	ELECT	4.7MF 20% 50V	D804	8-719-100-80	DIODE RD20E-B2	
C860	1-123-332-00	ELECT	47MF 20% 25V	D805	8-719-305-15	DIODE GH3F	
C861	A1-136-065-11	FILM	0.0027MF 10% 3% 2KV	D806	8-719-928-08	DIODE ERD28-08	
C862	A1-136-066-11	FILM	0.003MF 10% 3% 2KV	D807	8-719-901-93	DIODE V19E	
C863	A1-136-064-11	FILM	0.002MF 10% 3% 2KV	D808	8-719-901-93	DIODE V19E	
C865	1-106-367-00	MYLAR	0.01MF 10% 200V	D809	8-719-300-76	DIODE RH-1A	
C866	1-101-361-00	CERAMIC	150PF 5% 50V	D810	8-719-903-09	DIODE V30N	
C868	1-123-356-00	ELECT	10MF 20% 16V	D811	8-719-911-19	DIODE ISS119	
C870	1-123-332-00	ELECT	47MF 20% 25V	D812	8-719-300-76	DIODE RH-1A	
C871	1-123-380-00	ELECT	1MF 20% 50V	D813	8-719-300-76	DIODE RH-1A	
C872	1-106-196-00	MYLAR	0.01MF 10% 100V	D814	8-719-911-19	DIODE ISS119	
C873	1-123-323-00	ELECT	470MF 20% 16V	D815	8-719-911-19	DIODE ISS119	
C874	1-106-196-00	MYLAR	0.01MF 10% 100V	D816	8-719-911-19	DIODE ISS119	
C876	1-102-530-00	CERAMIC	120PF 5% 50V	D817	8-719-100-64	DIODE RD12E-B1	
C877	1-102-531-00	CERAMIC	150PF 5% 50V	D818	8-719-911-55	DIODE U05G	
C879	1-102-531-00	CERAMIC	150PF 5% 50V			<u>IC</u>	
C880	1-102-525-00	CERAMIC	68PF 5% 50V	IC501	8-759-100-60	IC UPC1377C	
C881	1-102-820-00	CERAMIC	330PF 5% 50V	IC502	8-759-979-16	IC CX7916	
C883	1-108-818-11	MYLAR	0.15MF 5% 50V	IC503	8-759-113-78	IC UPC1378H-L	
C884	1-123-356-00	ELECT	10MF 20% 25V	IC504	8-759-145-58	IC UPC4558C	
C885	1-108-599-00	MYLAR	0.068MF 5% 50V	IC801	8-759-345-38	IC HD14538BP	
C886	1-106-180-00	MYLAR	0.0022MF 5% 50V	IC802	8-759-240-11	IC TC4011BP	
C887	1-123-332-00	ELECT	47MF 20% 16V	IC803	8-759-145-58	IC UPC4558C	
C888	1-123-323-00	ELECT	470MF 20% 16V	IC804	6-066-717-10	IC TDA1082	
C889	1-108-818-71	MYLAR	0.15MF 5% 50V	IC805	8-759-700-06	IC UPC7812H	
					*4-323-833-00	HEAT SINK, PIN OUT, IC805	
D1	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P					
D2	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)					

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

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

D

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark				
<u>COIL</u>											
L501	1-408-231-00	MICRO INDUCTOR 1MMH		Q817	8-729-204-83	TRANSISTOR 2SA1048GR					
L752	1-407-508-00	MICRO INDUCTOR 22MMH		Q818	8-729-204-83	TRANSISTOR 2SA1048GR					
L753	1-408-247-00	MICRO INDUCTOR 33MMH		Q819	8-729-245-83	TRANSISTOR 2SC2458					
L802	1-408-349-00	COIL, CHOKE		Q820	8-729-245-83	TRANSISTOR 2SC2458					
L803	1-408-238-00	MICRO INDUCTOR 3.9MMH		Q821	8-729-245-83	TRANSISTOR 2SC2458					
L804 A	1-459-241-11	COIL, HORIZONTAL LINEALITY		Q822	8-729-245-83	TRANSISTOR 2SC2458					
L805 A	1-459-568-11	COIL, CHOKE 980UH		Q823	8-729-245-83	TRANSISTOR 2SC2458					
L806	1-407-365-00	COIL, CHOKE		Q824	8-729-245-83	TRANSISTOR 2SC2458					
L807	1-459-104-00	COIL, DUST CORE		<u>RESISTOR</u>							
L808	1-407-364-00	COIL, SPOOK CHOKE 3.3UH		R504	1-247-847-00	CARBON	4.7K	5%	1/6W		
L809	1-407-841-00	COIL 15UH		R505	1-247-869-00	CARBON	39K	5%	1/6W		
L810	1-407-166-XX	MICRO INDUCTOR 56UH		R506	1-247-887-00	CARBON	220K	5%	1/6W		
L811	1-459-155-00	COIL (WITH CORE) 45MH		R507	1-215-455-00	METAL	27K	1%	1/6W		
L812	1-459-115-00	COIL, DCC-H		R508	1-247-833-00	CARBON	1.2K	5%	1/6W		
L814	1-407-841-00	COIL 15UH		R509	1-215-473-00	METAL	150K	1%	1/6W		
L816	1-408-247-00	MICRO INDUCTOR 33MMH		R510	1-215-461-00	METAL	47K	1%	1/6W		
<u>TRANSISTOR</u>											
Q502	8-729-900-36	TRANSISTOR DTC124ES		R513	1-215-479-00	METAL	270K	1%	1/6W		
Q503	8-729-900-36	TRANSISTOR DTC124ES		R514	1-215-463-00	METAL	56K	1%	1/6W		
Q504	8-729-900-36	TRANSISTOR DTC124ES		R515	1-247-820-00	CARBON	360	5%	1/6W		
Q505	8-729-900-63	TRANSISTOR DTA124ES		R516	1-247-827-00	CARBON	680	5%	1/6W		
Q508	8-729-245-83	TRANSISTOR 2SC2458		R517	1-247-828-00	CARBON	750	5%	1/6W		
Q509	8-729-900-36	TRANSISTOR DTC124ES		R518	1-247-815-00	CARBON	220	5%	1/6W		
Q510	8-723-305-00	TRANSISTOR 2SK43-5		R519	1-247-879-00	CARBON	100K	5%	1/6W		
Q751	8-729-245-83	TRANSISTOR 2SC2458		R520	1-247-847-00	CARBON	4.7K	5%	1/6W		
Q752	8-729-313-42	TRANSISTOR 2SD1134		R521	1-247-886-00	CARBON	200K	5%	1/6W		
Q753	8-729-306-92	TRANSISTOR 2SD669A		R522	1-215-458-00	METAL	36K	1%	1/6W		
*4-329-153-00 HEAT SINK, V OUT, Q753											
Q754	8-729-304-92	TRANSISTOR 2SB649A		R524	1-247-842-00	CARBON	3K	5%	1/6W		
*4-329-153-00 HEAT SINK, V OUT, Q754											
Q755	8-729-177-43	TRANSISTOR 2SD774		R525	1-247-857-00	CARBON	12K	5%	1/6W		
Q756	8-729-177-43	TRANSISTOR 2SD774		R526	1-247-846-00	CARBON	4.3K	5%	1/6W		
Q757	8-729-177-43	TRANSISTOR 2SD774		R527	1-247-863-00	CARBON	22K	5%	1/6W		
Q758	8-729-374-02	TRANSISTOR 2SB740		R528	1-215-373-31	METAL	10	1%	1/6W		
Q760	8-729-245-83	TRANSISTOR 2SC2458		R529	1-213-137-00	METAL OXIDE	330	5%	1W F		
Q801	8-729-245-83	TRANSISTOR 2SC2458		R530	1-213-137-00	METAL OXIDE	330	5%	1W F		
Q802	8-729-204-83	TRANSISTOR 2SA1048GR		R531	1-247-874-00	CARBON	62K	5%	1/6W		
Q803	8-729-245-83	TRANSISTOR 2SC2458		R532	1-247-870-00	CARBON	43K	5%	1/6W		
Q804	8-729-168-82	TRANSISTOR 2SC2688		R533	1-247-824-00	CARBON	510	5%	1/6W		
Q805	8-729-800-87	TRANSISTOR 2SD1398		R534	1-247-824-00	CARBON	510	5%	1/6W		
*4-363-404-00 HÖLDER, IC, 0805											
4-363-414-00 SPACER, MICA, 0805											
Q806	8-729-313-82	TRANSISTOR 2SD1138		R542	1-212-366-00	METAL OXIDE	3.3	5%	1W F		
Q807	8-729-900-36	TRANSISTOR DTC124ES		R544	1-247-230-00	CARBON	390	5%	1/2W		
Q808	8-729-900-36	TRANSISTOR DTC124ES		R545	1-247-837-00	CARBON	1.8K	5%	1/6W		
Q810	8-729-900-36	TRANSISTOR DTC124ES		R546	1-247-851-00	CARBON	6.8K	5%	1/6W		
Q811	8-729-204-83	TRANSISTOR 2SA1048GR		R547	1-247-831-00	CARBON	1K	5%	1/6W		
Q812	8-729-245-83	TRANSISTOR 2SC2458		R548	1-247-849-00	CARBON	5.6K	5%	1/6W		
Q813	8-729-900-36	TRANSISTOR DTC124ES		R549	1-247-855-00	CARBON	10K	5%	1/6W		
Q816	8-729-245-83	TRANSISTOR 2SC2458		R550	1-247-878-00	CARBON	91K	5%	1/6W		
R551											
R552											
R553											
R554											
R555											
R556											
R558											

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

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

D

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R559	1-247-855-00	CARBON	10K 5% 1/6W	R773	1-247-824-00	CARBON	510 5% 1/6W
R560	1-247-855-00	CARBON	10K 5% 1/6W	R774	1-247-817-00	CARBON	270 5% 1/6W
R561	1-247-876-00	CARBON	75K 5% 1/6W	R775	1-247-824-00	CARBON	510 5% 1/6W
R562	1-247-875-00	CARBON	68K 5% 1/6W	R776	1-247-819-00	CARBON	330 5% 1/6W
R563	1-247-875-00	CARBON	68K 5% 1/6W	R777	1-247-825-00	CARBON	560 5% 1/6W
R564	1-247-889-00	CARBON	270K 5% 1/6W	R778	1-247-875-00	CARBON	68K 5% 1/6W
R565	1-247-855-00	CARBON	10K 5% 1/6W	R779	1-247-855-00	CARBON	10K 5% 1/6W
R566	1-215-493-00	METAL	1M 1% 1/6W	R780	1-247-833-00	CARBON	1.2K 5% 1/6W
R567	1-247-877-00	CARBON	82K 5% 1/6W	R781	1-247-816-00	CARBON	240 5% 1/6W
R568	1-247-807-00	CARBON	100 5% 1/6W	R782	1-247-822-00	CARBON	430 5% 1/6W
R569	1-247-875-00	CARBON	68K 5% 1/6W	R783	1-247-817-00	CARBON	270 5% 1/6W
R570	1-247-870-00	CARBON	43K 5% 1/6W	R784	1-247-851-00	CARBON	6.8K 5% 1/6W
R571	1-247-831-00	CARBON	1K 5% 1/6W	R785	1-247-021-00	CARBON	1.5 5% 1/8W F
R572	1-247-831-00	CARBON	1K 5% 1/6W	R786	1-247-021-00	CARBON	1.5 5% 1/8W F
R573	1-247-881-00	CARBON	120K 5% 1/6W	R787	1-247-881-00	CARBON	120K 5% 1/6W
R574	1-247-873-00	CARBON	56K 5% 1/6W	R788	1-247-879-00	CARBON	100K 5% 1/6W
R575	1-247-849-00	CARBON	5.6K 5% 1/6W	R789	1-247-833-00	CARBON	1.2K 5% 1/6W
R576	1-247-839-00	CARBON	2.2K 5% 1/6W	R790	1-247-001-11	CARBON	15 5% 1/4W F
R577	1-247-815-00	CARBON	220 5% 1/6W	R801	1-247-837-00	CARBON	1.8K 5% 1/6W
R578	1-247-889-00	CARBON	270K 5% 1/6W	R802	1-247-861-00	CARBON	18K 5% 1/6W
R579	1-247-879-00	CARBON	100K 5% 1/6W	R803	1-247-875-00	CARBON	68K 5% 1/6W
R580	1-247-831-00	CARBON	1K 5% 1/6W	R804	1-247-867-00	CARBON	33K 5% 1/6W
R581	1-247-831-00	CARBON	1K 5% 1/6W	R805	1-247-835-00	CARBON	1.5K 5% 1/6W
R582	1-247-849-00	CARBON	5.6K 5% 1/6W	R806	1-247-839-00	CARBON	2.2K 5% 1/6W
R583	1-247-892-00	CARBON	360K 5% 1/6W	R807	1-247-894-00	CARBON	430K 5% 1/6W
R584	1-247-871-00	CARBON	47K 5% 1/6W	R808	1-247-865-00	CARBON	27K 5% 1/6W
R585	1-247-789-00	CARBON	18 5% 1/6W	R809	1-247-835-00	CARBON	1.5K 5% 1/6W
R586	1-247-855-00	CARBON	10K 5% 1/6W	R810	1-247-857-00	CARBON	12K 5% 1/6W
R587	1-247-831-00	CARBON	1K 5% 1/6W	R811	1-215-462-00	METAL	51K 1% 1/6W
R589	1-247-831-00	CARBON	1K 5% 1/6W	R812	1-247-873-00	CARBON	56K 5% 1/6W
R590	1-247-903-00	CARBON	1M 5% 1/6W	R813	1-247-825-00	CARBON	560 5% 1/6W
R591	1-247-886-00	CARBON	200K 5% 1/6W	R814	1-247-849-00	CARBON	5.6K 5% 1/6W
R592	1-212-364-00	METAL OXIDE	2.2 5% 1W F	R815	1-247-857-00	CARBON	12K 5% 1/6W
R751	1-247-874-00	CARBON	62K 5% 1/6W	R816	1-247-807-00	CARBON	100 5% 1/6W
R753	1-247-875-00	CARBON	68K 5% 1/6W	R817	1-247-877-00	CARBON	82K 5% 1/6W
R754	1-247-861-00	CARBON	18K 5% 1/6W	R818	1-247-868-00	CARBON	36K 5% 1/6W
R755	1-247-831-00	CARBON	1K 5% 1/6W	R819	1-247-857-00	CARBON	12K 5% 1/6W
R756	1-247-825-00	CARBON	560 5% 1/6W	R820	1-247-877-00	CARBON	82K 5% 1/6W
R757	1-247-831-00	CARBON	1K 5% 1/6W	R821	1-247-879-00	CARBON	100K 5% 1/6W
R758	1-247-819-00	CARBON	330 5% 1/6W	R822	1-247-879-00	CARBON	100K 5% 1/6W
R760	1-247-824-00	CARBON	510 5% 1/6W	R823	1-247-845-00	CARBON	3.9K 5% 1/6W
R761	1-247-831-00	CARBON	1K 5% 1/6W	R824	1-247-833-00	CARBON	1.2K 5% 1/6W
R762	1-247-827-00	CARBON	680 5% 1/6W	R825	1-247-855-00	CARBON	10K 5% 1/6W
R763	1-247-886-00	CARBON	200K 5% 1/6W	R826	1-215-473-00	METAL	150K 1% 1/6W
R764	1-247-846-00	CARBON	4.3K 5% 1/6W	R827	1-215-447-00	METAL	12K 1% 1/6W
R765	1-213-147-00	METAL OXIDE	2.2K 5% 1W F	R828	1-215-441-00	METAL	6.8K 1% 1/6W
R766	1-247-802-00	CARBON	62 5% 1/6W	R829 A	1-215-441-00	CARBON	6.8K 1% 1/6W
R767	1-247-807-00	CARBON	100 5% 1/6W	R830	1-247-867-00	CARBON	33K 5% 1/6W
R768	1-247-857-00	CARBON	12K 5% 1/6W	R831	1-247-864-00	CARBON	24K 5% 1/6W
R769	1-247-021-00	CARBON	1.5 5% 1/8W F	R832	1-247-841-00	CARBON	2.7K 5% 1/6W
R770	1-247-021-00	CARBON	1.5 5% 1/8W F	R833	1-215-449-00	METAL	15K 1% 1/6W
R771	1-247-874-00	CARBON	62K 5% 1/6W	R834	1-215-464-00	METAL	62K 1% 1/6W
R772	1-247-870-00	CARBON	43K 5% 1/6W	R835	1-215-467-00	METAL	82K 1% 1/6W

- The components identified by **■** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Select the resistance value according to SAFETY RELATED ADJUSTMENT

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

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

D H

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>		
R836	1-247-819-00	CARBON	330	5%	1/6W		R889	1-215-463-00	METAL	56K	1%	1/6W	
R837	1-247-831-00	CARBON	1K	5%	1/6W		R890	1-212-360-00	METAL OXIDE	1	5%	1W	F
R838	1-206-745-00	METAL OXIDE	6.8K	5%	3W F	R891 A.		METAL OXIDE	1	5%	1/6W		
R839	1-247-662-00	CARBON	560	5%	1/4W F		R892	1-215-445-00	METAL	10K	1%	1/6W	
R840	1-247-841-00	CARBON	2.7K	5%	1/6W		R893	1-247-851-00	CARBON	6.8K	5%	1/6W	
R841	1-212-361-00	METAL OXIDE	1.2	5%	1W F		R894	1-247-869-00	CARBON	39K	5%	1/6W	
R842	1-206-745-00	METAL OXIDE	6.8K	5%	3W F		R895	1-247-839-00	CARBON	2.2K	5%	1/6W	
R843	1-247-851-00	CARBON	6.8K	5%	1/6W		R896	1-247-831-00	CARBON	1K	5%	1/6W	
R844	1-213-126-00	METAL OXIDE	39	5%	1W F		R897	1-247-846-00	CARBON	4.3K	5%	1/6W	
R845	1-215-465-00	METAL	68K	1%	1/6W		R898	1-247-831-00	CARBON	1K	5%	1/6W	
R846	1-247-819-00	CARBON	330	5%	1/6W		R899	1-247-823-00	CARBON	470	5%	1/6W	
R847	1-247-855-00	CARBON	10K	5%	1/6W			<u>VARIABLE RESISTOR</u>					
R848	1-247-846-00	CARBON	4.3K	5%	1/6W		RV501	1-228-577-00	RES, ADJ, CARBON	220			
R849	1-247-861-00	CARBON	18K	5%	1/6W		RV502	1-228-724-00	RES, ADJ, CARBON	10K			
R850	1-247-844-00	CARBON	3.6K	5%	1/6W		RV503	1-226-848-00	RES, ADJ, CARBON	2.2K			
R851	1-247-861-00	CARBON	18K	5%	1/6W		RV504	1-226-852-00	RES, ADJ, CARBON	22K			
R852	1-247-863-00	CARBON	22K	5%	1/6W		RV505	1-224-249-XX	RES, ADJ, METAL GLAZE	1K			
R853	1-247-845-00	CARBON	3.9K	5%	1/6W		RV506	1-226-855-00	RES, ADJ, CARBON	220K			
R854	1-247-815-00	CARBON	220	5%	1/6W		RV507	1-226-850-00	RES, ADJ, CARBON	4.7K			
R855	1-247-819-00	CARBON	330	5%	1/6W		RV751	1-226-850-00	RES, ADJ, CARBON	4.7K			
R856	1-247-853-00	CARBON	8.2K	5%	1/6W		RV752	1-228-724-00	RES, ADJ, CARBON	10K			
R857	1-247-879-00	CARBON	100K	5%	1/6W		RV753	1-226-850-00	RES, ADJ, CARBON	4.7K			
R858	1-247-890-00	CARBON	300K	5%	1/6W								
R859	1-247-867-00	CARBON	33K	5%	1/6W		RV802	1-228-160-11	RES, ADJ, METAL GLAZE	5K			
R860	1-217-418-00	FUSIBLE	0.47	10%	1/2W F		RV803	1-226-849-00	RES, ADJ, CARBON	3.3K			
R861	1-217-418-00	FUSIBLE	0.47	10%	1/2W F		RV804	1-226-847-00	RES, ADJ, CARBON	1K			
R862	1-244-923-00	CARBON	120K	5%	1/2W		RV805	1-226-845-00	RES, ADJ, CARBON	330			
R863	1-244-923-00	CARBON	120K	5%	1/2W		RV806	1-226-849-00	RES, ADJ, CARBON	3.3K			
R864	1-246-488-00	CARBON	4.3K	5%	1/4W		RV807	1-226-848-00	RES, ADJ, CARBON	2.2K			
R865	1-247-147-00	CARBON	4.7K	5%	1/4W		RV808	1-223-102-00	RES, ADJ, WIREWOUND	120			
R866	1-247-614-00	CARBON	3.3K	5%	1/8W		RV809	1-226-192-00	RES, ADJ, CARBON	47K			
R867	1-213-143-00	METAL OXIDE	1K	5%	1W F		RV811	1-226-857-00	RES, ADJ, CARBON	470K			
R868	1-213-147-00	METAL OXIDE	2.2K	5%	1W F		RV812	1-226-853-00	RES, ADJ, CARBON	47K			
R869	1-213-127-00	METAL OXIDE	47	5%	1W F			<u>TRANSFORMER</u>					
R870	1-247-867-00	CARBON	33K	5%	1/6W		T801	1-437-090-00	HDT				
R871	1-247-839-00	CARBON	2.2K	5%	1/6W		T803 A.1-421-693-11	TRANSFORMER, FERRITE					
R872	1-247-877-00	CARBON	82K	5%	1/6W			<u>THERMISTOR</u>					
R873	1-247-855-00	CARBON	10K	5%	1/6W		TH501	1-806-110-00	THERMISTOR				
R874	1-247-865-00	CARBON	27K	5%	1/6W		TH751	1-800-071-XX	THERMISTER, S-300				
R875	1-247-843-00	CARBON	3.3K	5%	1/6W			*****					
R876	1-212-364-00	METAL OXIDE	2.2	5%	1W F			*1-613-041-11	H BOARD				
R877	1-247-874-00	CARBON	62K	5%	1/6W			*****					
R878	1-247-894-00	CARBON	430K	5%	1/6W								
R879	1-247-841-00	CARBON	2.7K	5%	1/6W								
R880	1-247-839-00	CARBON	2.2K	5%	1/6W								
R881	1-247-855-00	CARBON	10K	5%	1/6W								
R882	1-247-831-00	CARBON	1K	5%	1/6W								
R883	1-247-841-00	CARBON	2.7K	5%	1/6W								
R884	1-247-841-00	CARBON	2.7K	5%	1/6W								
R885	1-247-881-00	CARBON	120K	5%	1/6W								
R886	1-247-845-00	CARBON	3.9K	5%	1/8W		D681	8-719-114-34	DIODE SY432D				
R887	1-247-807-00	CARBON	100	5%	1/6W		D682	8-719-114-34	DIODE SY432D				
R888	1-215-477-00	METAL	220K	1%	1/6W		D683	8-719-114-34	DIODE SY432D				
							D684	8-719-114-34	DIODE SY432D				

- The components identified by **☒** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Select the resistance value according to SAFETY RELATED ADJUSTMENT.

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

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

H

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
D685	8-719-114-34	DIODE SY432D		V901	A-8-738-312-05	CRT (330YB22)	
D686	8-719-114-34	DIODE SY432D				*****	*****
D687	8-719-114-34	DIODE SY432D				ACCESSORIES AND PACKING MATERIALS	
D688	8-719-114-34	DIODE SY432D				*****	*****
D689	8-719-114-34	DIODE SY432D					
D690	8-719-102-34	DIODE SG232D					
		<u>TRANSISTOR</u>					
Q681	8-729-204-83	TRANSISTOR 2SA1048GR					
		<u>RESISTOR</u>					
R681	1-247-855-00	CARBON	10K 5% 1/6W				
R682	1-247-868-00	CARBON	36K 5% 1/6W				
R684	1-247-854-00	CARBON	9.1K 5% 1/6W				
R685	1-247-831-00	CARBON	1K 5% 1/6W				
R686	1-247-831-00	CARBON	1K 5% 1/6W				
R687	1-247-851-00	CARBON	6.8K 5% 1/6W				
R688	1-247-831-00	CARBON	1K 5% 1/6W				
R689	1-247-837-00	CARBON	1.8K 5% 1/6W				
		<u>VARIABLE RESISTOR</u>					
RV681	1-228-937-00	RES. VAR. CARBON	20K				
RV682	1-228-938-00	RES. VAR. CARBON	20K				
RV683	1-228-938-00	RES. VAR. CARBON	20K				
RV684	1-228-938-00	RES. VAR. CARBON	20K				
RV685	1-228-936-00	RES. VAR. CARBON	10K				
RV686	1-228-936-00	RES. VAR. CARBON	10K				
		<u>SWITCH</u>					
S671	1-516-777-XX	SLIDE SWITCH					
S672	1-516-777-XX	SLIDE SWITCH					
S673	1-516-777-XX	SLIDE SWITCH					
S674	1-554-118-00	SWITCH, PUSH					
S675	1-554-405-00	SWITCH, PUSH (5 KEY)					
		<u>MISCELLANEOUS</u>					

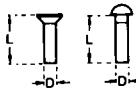
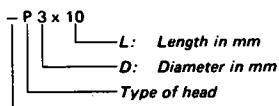
		A-1-162-142-21 CAP BLOCK, HIGH VOLTAGE					
		A-1-228-482-13 RESISTOR ASSY, HIGH VOLTAGE					
		A-1-451-239-11 DEFLECTION YOKE (SY-97A)					
		1-452-032-00 MAGNET, DISK; 10MM Ø					
		1-452-094-00 MAGNET, ROTATABLE DISK; 15MM Ø					
		1-452-146-21 MAGNET, BMC					
		A-1-452-214-12 CRT NECK ASSY (H TYPE)					
		A-1-534-517-31 CORD, AC					
		*1-556-528-00 CONNECTOR ASSY (MINI, DY) 6P					
C901	1-123-337-00	CAP, ELECT 1000MF					
L901	A-1-426-086-12	COIL, DEGAUSSING					
S901	A-1-553-584-12	SWITCH, PUSH (POWER)					
SP901	1-503-109-00	SPEAKER					
T802	A-1-439-308-12	TRANSFORMER ASSY, FLYBACK					

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

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

HARDWARE NOMENCLATURE

Screw:

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

Nut, Washer, Retaining ring:

N 3

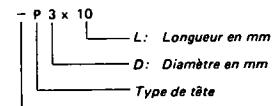
Diameter of usable screw or shaft
Reference designation

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-fillister-head screw	
RF		fillister-head screw	
BV		brazier-head screw	

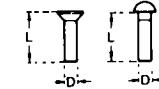
Reference Designation	Shape	Description	Remarks
SELF-TAPPING SCREWS			
TA		self-tapping screw	ex: TA, P 3 x 10
PTP		pan-head self-tapping screw	binding-head self-tapping (TA, B) screw for replacement
PTPWH		pan-head self-tapping screw with washer face	binding-head self-tapping (TA, B) screw and flat 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	

NOMENCLATURE FERRONNERIE

Vis:



Précise le type de rainure de la tête.
Sauf indication contraire il s'agit de vis cruciforme (Type Phillips)



Désignation de la référence	Forme	Description	Remarques
VIS			
P		Vis à tête cylindrique large	Peut être remplacée par une vis à tête cylindrique (B).
PWH		Vis à tête cylindrique large et rondelle fixe.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle fixe.
PS, PSP		Vis à tête cylindrique large et rondelle à ressort fixe.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle à ressort.
PSW, PSPW		Vis à tête cylindrique large et rondelles plates et à ressort.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate plus une rondelle à ressort.
R		Vis à tête ronde	Peut être remplacée par une vis à tête cylindrique (B).
K		Vis à tête fraisée	
RK		Vis à tête fraisée bombée	
B		Vis à tête cylindrique	
T		Vis à tête ronde large	Peut être remplacée par une vis à tête cylindrique (B).
F		Vis à tête moulée plate	
RF		Vis à tête moulée	
BV		Vis à tête soudée	

Ecrou, Rondelle, Circlips:

N 3

Diamètre de la vis ou de l'axe utilisable
Désignation de la référence

Désignation de la référence	Forme	Description	Remarques
VIS AUTOTARODEUSES			
TA		Vis autotarodeuse	ex: TA, P 3 x 10
PTP		Vis autotarodeuse à tête cylindrique large.	Peut être remplacée par une vis autotarodeuse à tête cylindrique (TA, B).
PTPWH		Vis autotarodeuse à tête cylindrique large et rondelle fixe.	Peut être remplacée par une vis autotarodeuse à tête cylindrique (TA, B) et une rondelle plate.
PTTWH		Vis à tige filetée et tête cylindrique large avec rondelle fixe.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate.
VIS DE SERRAGE			
SC		Vis de serrage	
SC		Vis de serrage à douille hexagonale	ex: SC 2.6 x 4, douille hexagonale
ECROU			
N		Ecrou	
RONDELLES			
W		Rondelle plate	
SW		Rondelle à ressort	
LW		Rondelle éventail denture intérieure	ex: LW3, intérieure
LW		Rondelle éventail denture extérieure	ex: LW3, extérieure
CIRCLIPS			
E		Circlips	
G		Circlips à griffe	

PVM-1271Q

PVM-1271Q

X-4364-702-3 white
X-4364-704-5 white
PVM1270Q 2
PV

8/80

9-963-325-01

6003001

Sony Corporation
TV Group

English
88BE0511-4
Printed in Japan
© 1984