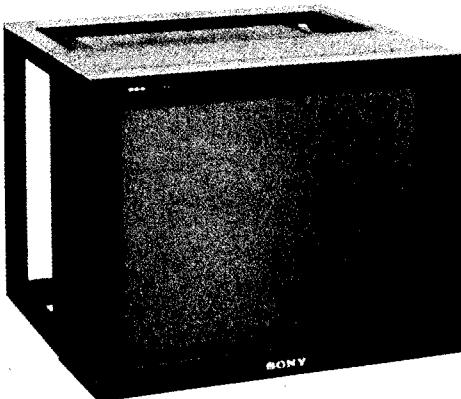


PVM-2730QM

RML668

SERVICE MANUAL



AEP Model

Chassis No. SCC-A91A-A

Australian Model

Chassis No. SCC-B04A-A

West Germany Model

Chassis No. SCC-B05A-A

SPECIFICATIONS

Note: The service manuals for RM668 have been issued separately.

Color system	PAL, SECAM, NTSC and NTSC _{4.43} systems, switched automatically
Picture tube	Trinitron tube Approx. 67.7 cm (27 inches) (63.5 cm picture measured diagonally)
Resolution	114-degree deflection, AG pitch 0.73 mm Video input: 420 TV lines RGB inputs: 640 × 200 dots (2000 characters)
Color temperature	9300°K
Frequency response	10 MHz (-3 dB, RGB) 5 MHz (-3 dB, composite video)
Horizontal linearity	Less than ±5%
Vertical linearity	Less than ±5%
Line pull range	Horizontal: +500 Hz Vertical: -8 Hz
Overscan of the picture	Less than +7%
Convergence	Central area: within 1.0 mm Periphery: within 1.8 mm
LINE A/B, VTR inputs	VIDEO IN: LINE A/B: BNC connector Composite video, 1 Vp-p ±6 dB, sync negative, 75-ohm termination switchable VTR: 8-pin connector Composite video, 1 Vp-p ±6 dB, sync negative, 75-ohm terminated
AUDIO IN:	LINE A/B: Phono jack -5 dBs, more than 47 kilohms VTR: 8-pin connector, -5 dBs, more than 47 kilohms

LINE A/B outputs (loop-through outputs)	
VIDEO: BNC connector	
AUDIO: Phono jack	
Monitor outputs	VIDEO: BNC connector Composite video, 1 Vp-p
	AUDIO: Phono jack Less than 1 kilohm
Digital RGB inputs	RGB: D-sub 9-pin connector (See "Signal assignment".)
	AUDIO: Phono jack -5 dBs, more than 47 kilohms
AV connector	21-pin connector (See "Signal assignment".)
Speaker terminals	8 ohms
Control S input/output	Minijack, 5 Vp-p
Power output	15 W + 15 W at 8 ohms
Power requirements	220 – 240 V AC, 50/60 Hz
Power consumption	175 W
Dimensions	Approx. 653 × 508 × 492 mm (w/h/d) incl. projecting parts and controls
Weight	Approx. 52 kg

Supplied accessory
Remote commander RM-668, with 2 R6 batteries..... 1

Optional accessories
TV stand SU-539, SU-541
Speaker system SS-X6A, APM-X5A

— Continued on next page —

TRINITRON COLOR VIDEO MONITOR
SONY®



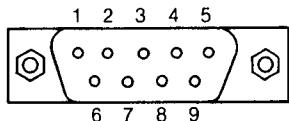
MON

PVM-2730QM

RM-668

SIGNAL ASSIGNMENT

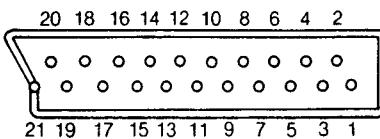
DIGITAL RGB connector
(D-sub 9-pin)



Digital signal (TTL level)

Pin No.	Signal assignment
1	Ground
2	Ground
3	Red input
4	Green input
5	Blue input
6	Intensity input
7	No connection
8	H. sync input (positive/negative)
9	V. sync input (positive/negative)

AV connector (21-pin)



Pin No.	Signal	Signal level
1	Audio output B (right)	Standard level: 0.5 Vrms Output impedance: Less than 1 k ohm*
2	Audio input B (right)	Standard level: 0.5 Vrms Input impedance: More than 10 k ohms*
3	Audio output A (left)	Standard level: 0.5 Vrms Output impedance: Less than 1 k ohm*
4	Ground (audio)	
5	Ground (blue)	
6	Audio input A (left)	Standard level: 0.5 Vrms Input impedance: More than 10 k ohms*
7	Blue input	0.7 V ±3 dB, 75 ohms, positive
8	Function select (AV control)	High state (9.5 – 12 V): Peri mode Low state (0 – 2 V): TV mode Input impedance: More than 10 k ohms Input capacitance: Less than 2 nF

Pin No.	Signal	Signal level
9	Ground (green)	
10	Open	
11	Green input	(Same as Pin 7)
12	Open	
13	Ground (red)	
14	Ground (blanking)	
15	Red input	(Same as Pin 7)
16	Blanking input	High state (1 – 3 V) Low state (0 – 0.4 V) Input impedance: 75 ohms
17	Ground (video output)	
18	Ground (video input)	
19	Video output	1 V ±3 dB, 75 ohms, positive Sync: 0.3 V (±3 dB)
20	Video input	1 V ±3 dB, 75 ohms, positive Sync: 0.3 V (±3 dB)
21	Common ground (plug, shield)	

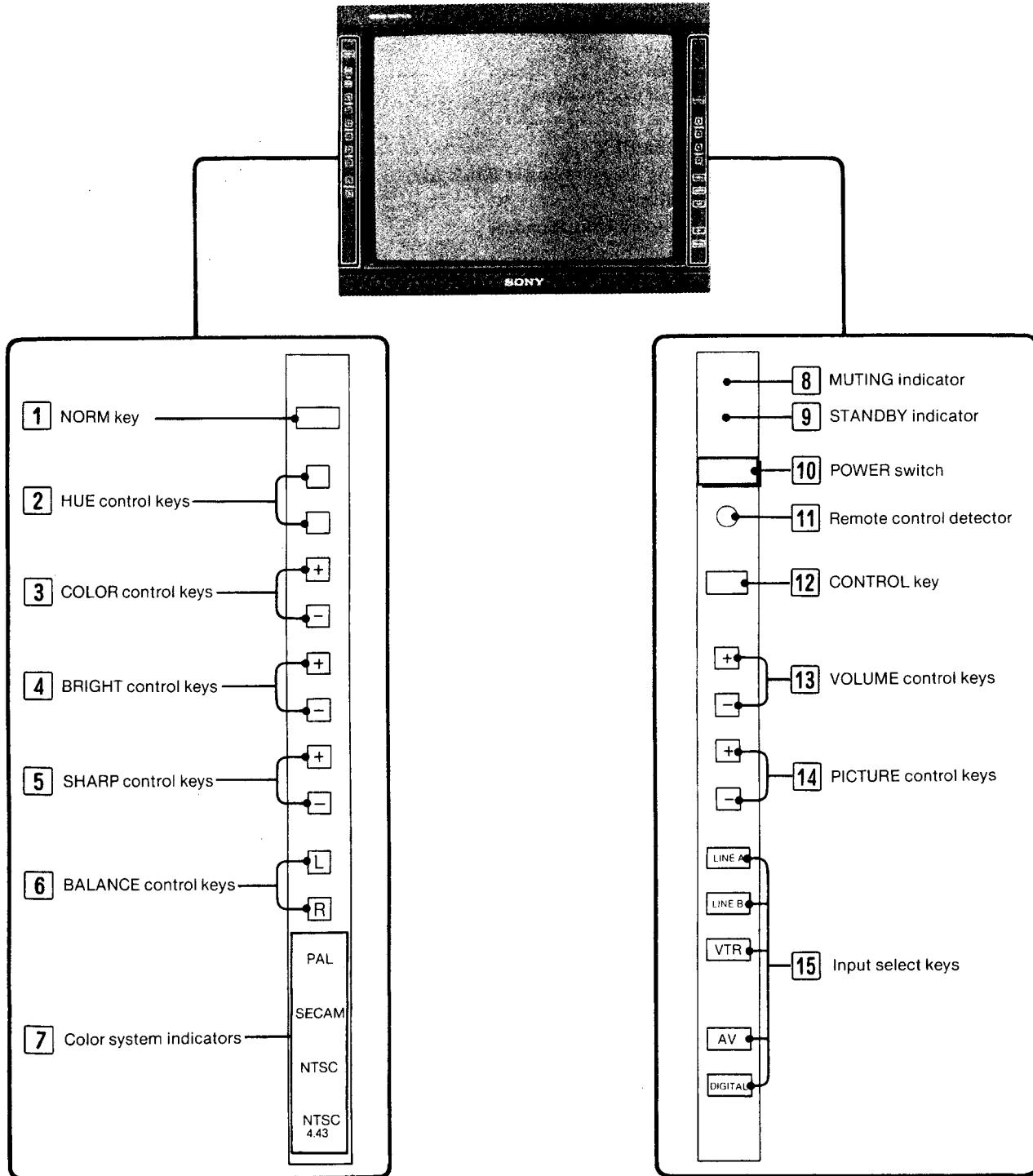
* at 20 Hz – 20 kHz

Design and specifications subject to change without notice.

TROUBLESHOOTING

If these symptoms occur when you begin operation, follow the suggestions below.

SYMPTOMS	CORRECTIONS
No controllable keys although the POWER switch is turned on.	• Press the CONTROL key.
No indication appears although the CONTROL key is pressed.	• Set the MANUAL CONTROL switch on the rear panel to ON.
Remote control is not possible.	• Set the REMOTE CONTROL switch on the rear panel to ON.

PVM-2730QM
RM-668**SECTION 1**
GENERAL**1-1. LOCATION AND FUNCTION OF PARTS AND CONTROL****FRONT PANEL**

- Press CONTROL key after power is turned on to illuminate the control keys or indicators.

The following control keys are effective only when MANUAL CONTROL switch on the rear panel is set to ON.

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SAFETY-RELATED COMPONENT WARNING !!

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

[1] NORM (normal) key

Press this key to return to the standard setting.
 • This key is effective only for the control keys on the left.

[2] HUE control keys

Press the GRN (green) key to make the skin tones greenish or the PUR (purple) key to make it purplish.
 • These control keys are effective for the NTSC and NTSC_{4,43} color systems only.

[3] COLOR control keys

Press the + key to make the color intensity vivid or the – key to make it pale.

[4] BRIGHT (brightness) control keys

Press the + key to make the picture brighter or the – key to make it darker.

[5] SHARP (sharpness) control keys

Press the + key to obtain a sharp picture or the – key to obtain a soft picture.

[6] BALANCE control keys

Press the L key to increase the sound volume of the left speaker or the R key to increase the sound volume of the right speaker.

[7] Color system indicators

PAL, SECAM, NTSC, NTSC_{4,43}

The color system of the input signal is automatically selected and the corresponding indicator illuminates. When the input signal is monochrome, no color system indicator illuminates.

[8] MUTING indicator

Illuminates while the sound is muted.
 • Muting is controlled only by the Remote Commander.

[9] STANDBY indicator

Illuminates when the power is turned off by the Remote Commander.

[10] POWER switch

Press this switch to turn the monitor on.
 Press this switch again to turn it off.
 • When the monitor is turned on, the settings of the monitor are the same as when it was last turned off.
 • For a few seconds after turning on the monitor the color of picture may vary because the white balance is adjusted at this time. This is not a problem.

[11] Remote control detector

The beam from the Remote Commander is received here.

[12] CONTROL key

Press this key to illuminate the keys and indicators on the front panel.
 Press this key again to extinguish them.

[13] VOLUME control keys

Press the + key to raise the volume or the – key to lower it.

[14] PICTURE control keys

Press the + key to make the contrast, color intensity and brightness stronger or the – key to make them weaker.

[15] Input select keys

LINE A, LINE B, VTR, AV, DIGITAL

Select the input source connected to the LINE A, LINE B, VTR, AV or DIGITAL RGB connector.

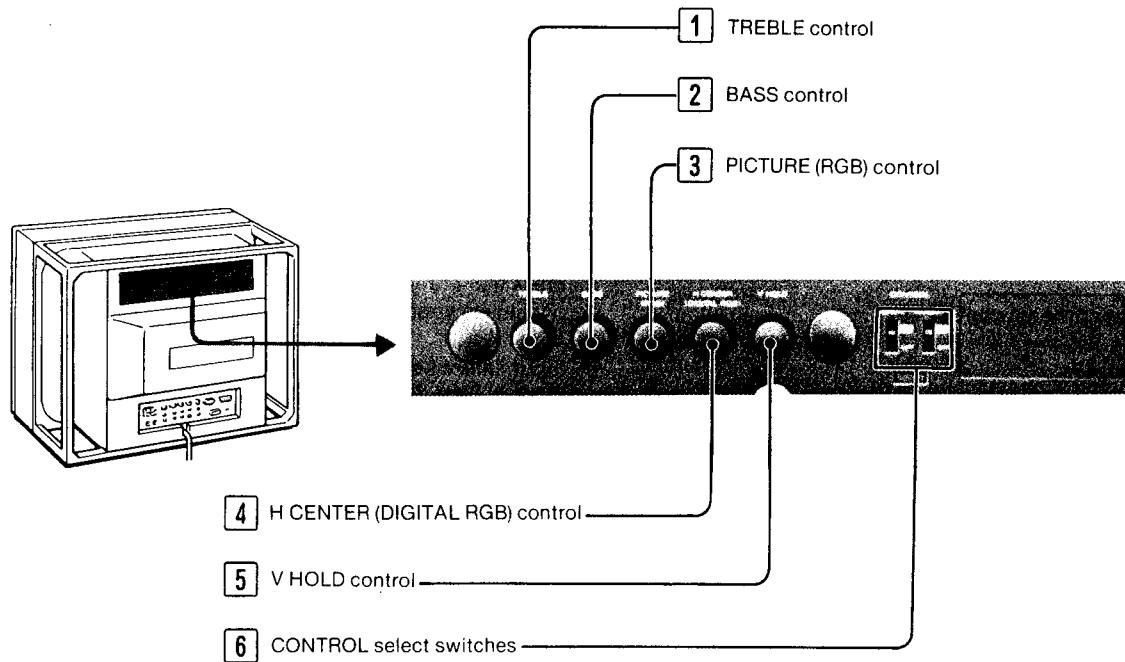
When a key is pressed:

- it blinks if the other indicators and keys on the front panel illuminate.
- it illuminates if they are extinguished.

Key illumination

For the keys [1] through [7], [13] and [14]:

- While each key is pressed, it blinks, indicating that adjustment is going on.
- During adjustment, if the adjustment value reaches the limit, the blinking speed becomes slower.

PVM-2730QM
RM-668**REAR PANEL****[1] TREBLE control**

Turn clockwise for more treble (high tone), or counterclockwise for less.

[2] BASS control

Turn clockwise for more bass (low tone), or counterclockwise for less.

[3] PICTURE (RGB) control

Adjust the contrast of the RGB signals connected to the AV connector or the DIGITAL RGB connector.

[4] H CENTER (DIGITAL RGB) (horizontal centering) control

When the picture of DIGITAL RGB input is decentered horizontally, correct it with this control.

[5] V HOLD (vertical hold) control

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

[6] CONTROL select switches

Normally set to ON.

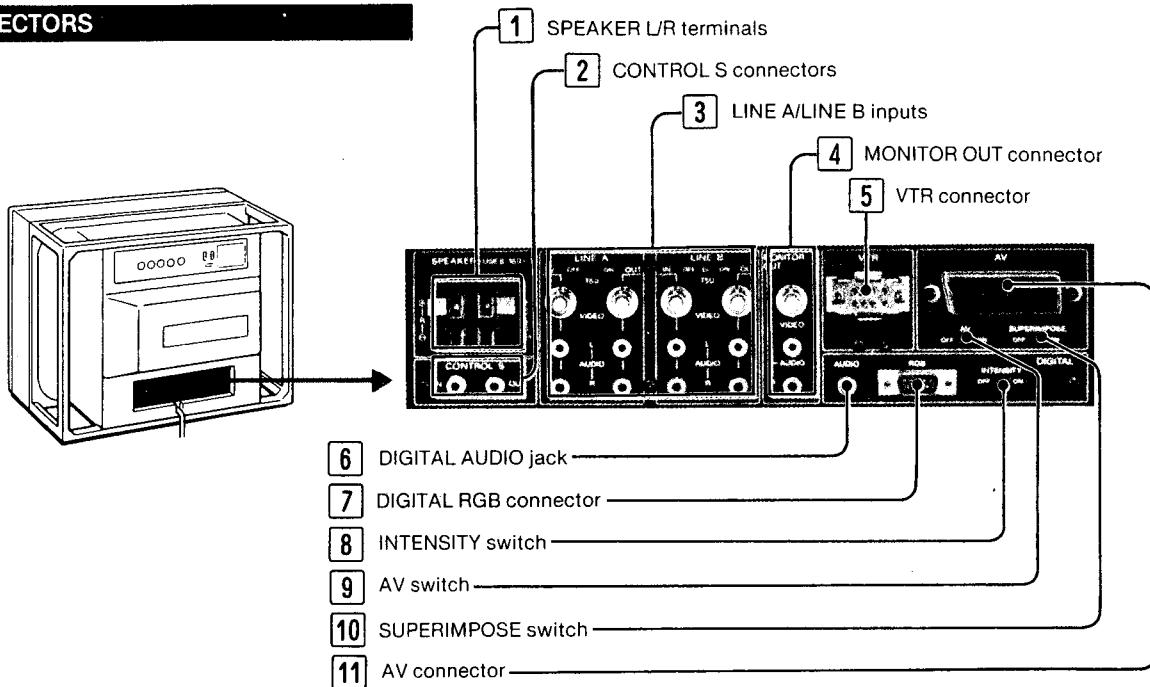
REMOTE CONTROL switch

Set this switch to ON to control the monitor with a Remote Commander. If this switch is set to OFF, the remote control is not possible.

MANUAL CONTROL switch

Set this switch to ON to control the monitor manually. To make the manual control of the control keys or switches on the front panel impossible, extinguish the indicators by pressing the CONTROL key on the front panel and set this switch to OFF.

(However remote control is possible if the REMOTE CONTROL switch is set to ON.)

CONNECTORS**[1] SPEAKER L/R terminals**

Connect to speakers with 8 to 16 ohm impedance.

[2] CONTROL S IN/OUT connectors

Connect to the CONTROL S connectors of a VTR or another monitor.
It is then possible to control the whole system with a single Remote Commander.

[3] LINE A/LINE B inputs**VIDEO IN connector (BNC type)****AUDIO L/R IN jacks (phono jack)**

Connect to the video and audio outputs of a VTR or a camera.

VIDEO OUT connector (BNC type)**AUDIO L/R OUT jacks (phono jack)**

Loop-through outputs of the IN connector and jacks.
Connect to the video and audio inputs of 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 connectors are used together for a loop-through connection, set this switch to OFF.

[4] MONITOR OUT connectors**VIDEO connector (BNC type)****AUDIO L/R jacks (phono jacks)**

The video and audio signals supplied from the LINE A, LINE B, VTR or AV input selected by the front panel input select keys are output from these connectors.

Connect to the video and audio inputs of another monitor, VTR, etc.

[5] VTR connector (8-pin)

Connect to a VTR with an 8-pin TV connector.

[6] DIGITAL AUDIO jack (phono jack)

Connect to the audio output of an audio source to listen to the sound from the connected audio source while viewing the picture from the DIGITAL RGB connector.

[7] DIGITAL RGB connector (9-pin, D-sub)

Connect to the digital RGB output of a microcomputer.

[8] INTENSITY switch

Normally set to OFF. When a microcomputer provided with intensity output is connected, set to ON for 16-color display.

[9] AV switch

Set to ON so that the monitor is automatically switched to the AV input when a signal is input from the AV connector, taking priority over the LINE A, LINE B or VTR input previously selected by the input select keys on the front panel. Set to OFF to select the AV input manually by pressing the AV input select key.

[10] SUPERIMPOSE switch

Normally set to ON.
Set to OFF to display the analog RGB signal from the microcomputer connected to the AV connector.

[11] AV connector (21-pin)

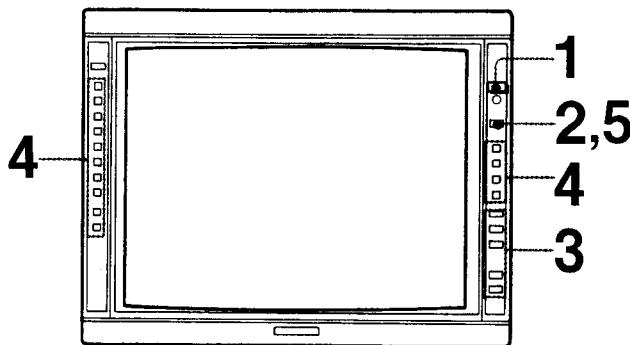
Connect to the 21-pin multiconnector of an 8 mm video cassette recorder or the analog RGB multioutput connector of a microcomputer.

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1-2. OPERATION

DISPLAYING THE PICTURE



- 1 Depress the POWER switch.
One of the input select keys illuminates.
- 2 Press the CONTROL key.
The selected input select key blinks and all control keys on the front illuminate.
(If the control keys do not appear, set the MANUAL CONTROL switch on the rear to ON.)
- 3 Press the desired input select key.
The pressed key blinks and the picture from the selected input is displayed on the screen and the sound is heard through the speakers.
(For selecting the AV or DIGITAL input, see "Notes on input selection".)
- 4 Adjust the picture and sound.
- 5 Press the CONTROL key to extinguish the controls keys so that only the selected input select key illuminates.

SUPERIMPOSING

To superimpose the data from the microcomputer connected to the AV connector over the picture, proceed as follows.
(The data should be processed for superimposition on the microcomputer.)

- 1 Set the SUPERIMPOSE switch to ON.
- 2 Press the LINE A, LINE B or VTR input select key to display the picture on which the data is to be superimposed on the monitor screen.
- 3 Press the AV input select key.
The data is superimposed over the picture.
- 4 Adjust the contrast of the superimposed data with the PICTURE (RGB) control.

NOTES ON INPUT SELECTION

AV input and SUPERIMPOSE switch

Set the SUPERIMPOSE switch on the rear as follows, according to the signal supplied to the AV connector.

SUPERIMPOSE switch	Signal to be displayed
ON	<ul style="list-style-type: none"> To display the composite video signal from an 8 mm video cassette recorder, etc. To perform superimposition. (See "SUPERIMPOSING".)
OFF	<ul style="list-style-type: none"> To display the analog RGB signal from a microcomputer, etc. In this case, the sync signal should be supplied to pin 20 of the AV connector.

- When the AV input select key is pressed with the SUPERIMPOSE switch ON, the previously selected LINE A, LINE B or VTR input select key blinks together with the AV key.
- When it is pressed with the SUPERIMPOSE switch OFF, only the AV key blinks.

AV input and AV switch

When the AV switch on the rear is set to ON, the monitor is automatically switched from the LINE A, LINE B or VTR input to the AV input if a signal is input to the AV connector.

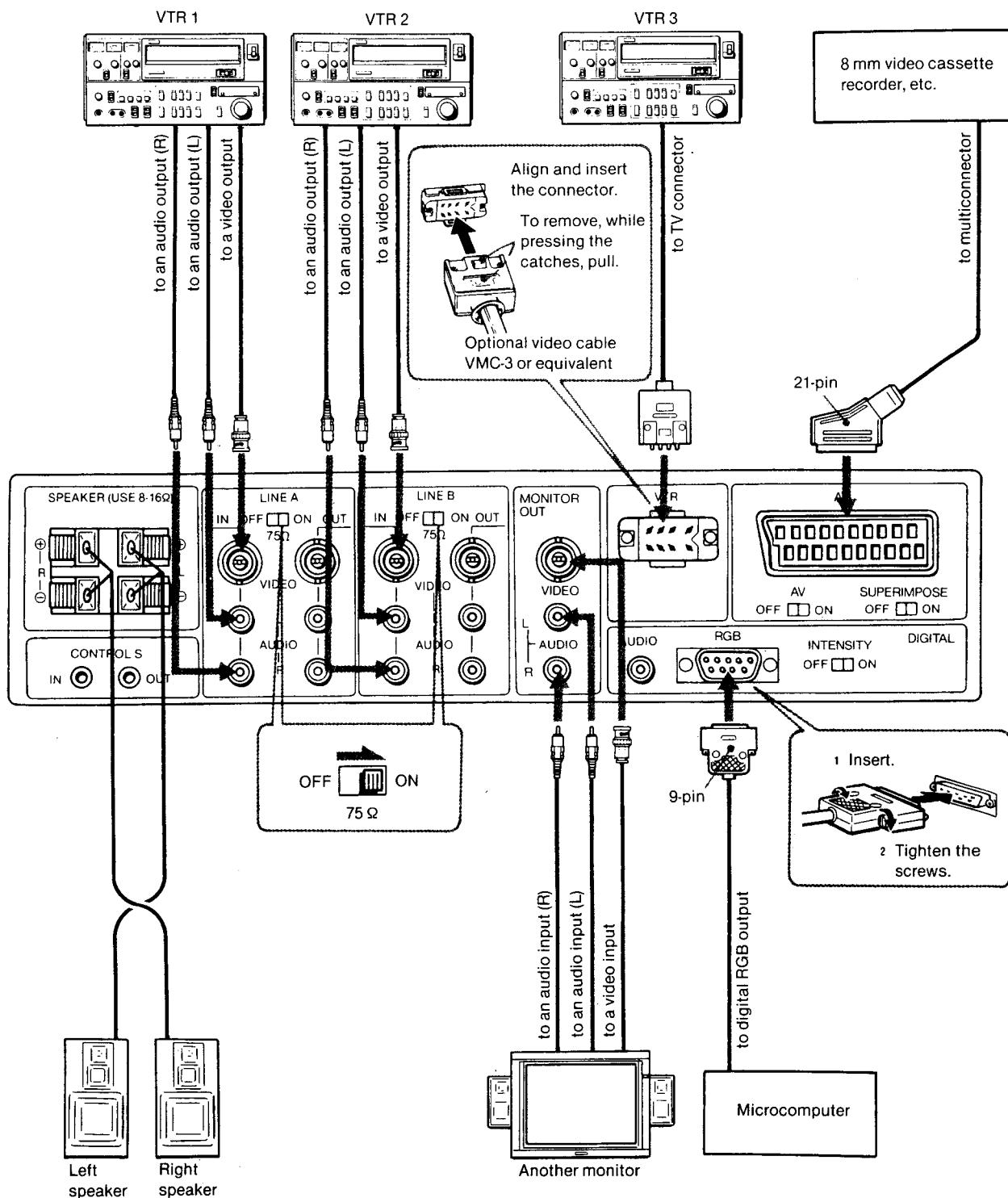
Set the AV switch to OFF to select the AV input manually by pressing the AV input select key.

DIGITAL input

- To display the digital RGB signal from a microcomputer provided with intensity output in 16 colors, set the INTENSITY switch on the rear to ON.
- If necessary, center the picture from the DIGITAL RGB connector with the H CENTER control on the rear panel.

Note

The COLOR, HUE and SHARP control keys do not function when the DIGITAL input is selected or the AV input is selected with the SUPERIMPOSE switch OFF.

1-3. SYSTEM CONNECTIONS**CONNECTION DIAGRAM****Note**

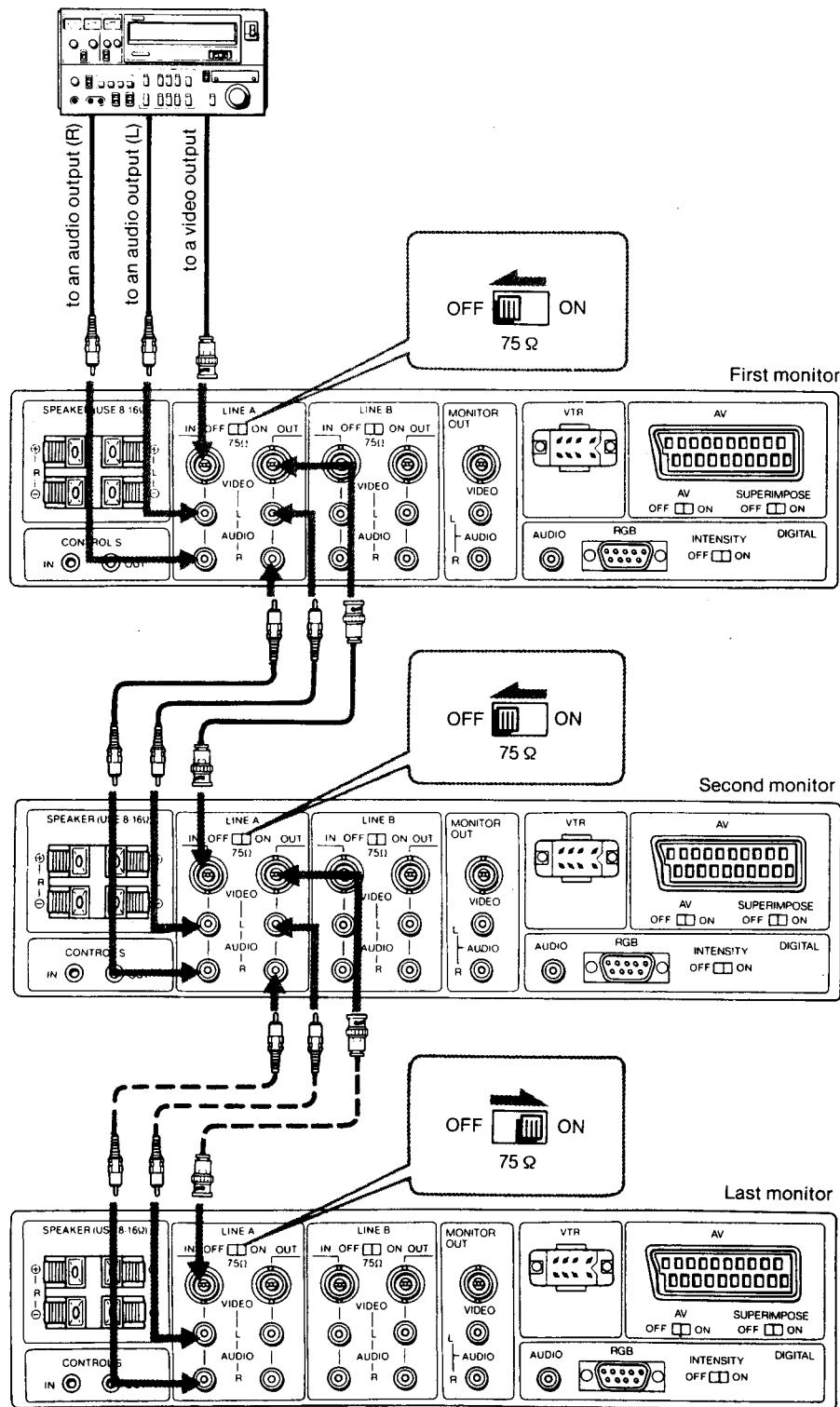
- When a microcomputer has an analog RGB output connector, connect it to the AV connector.
- When a microcomputer has only a composite video output connector, connect it to the LINE A or LINE B VIDEO IN connector.

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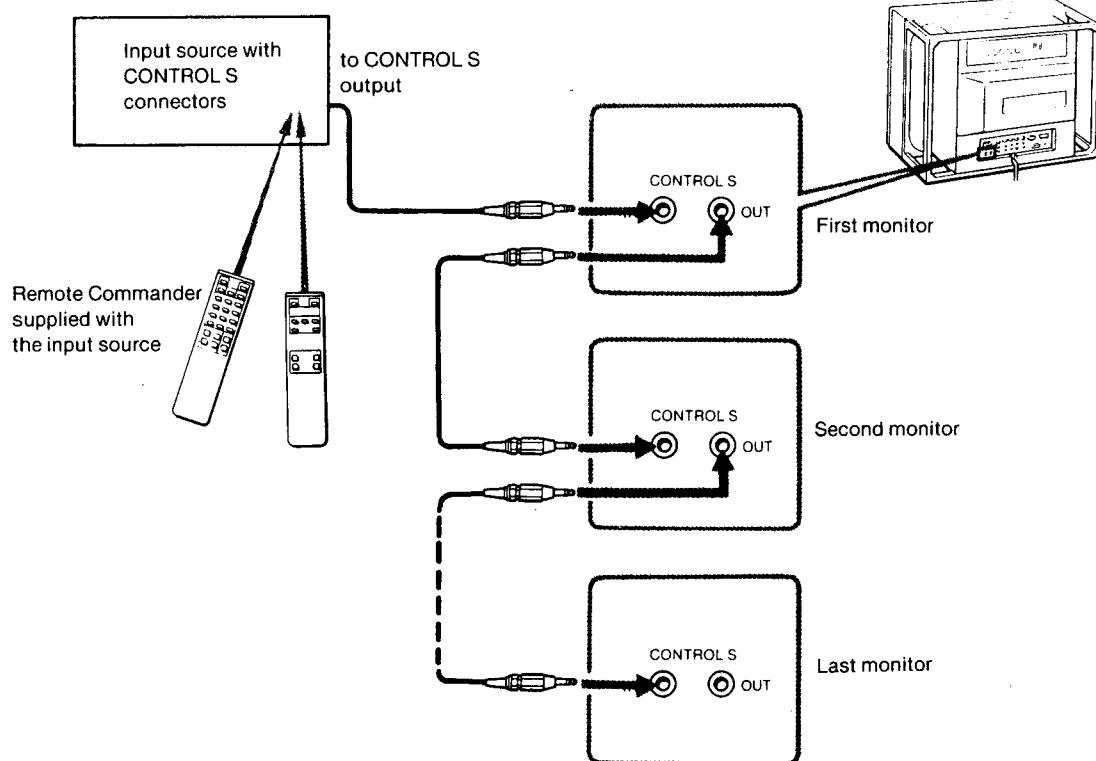
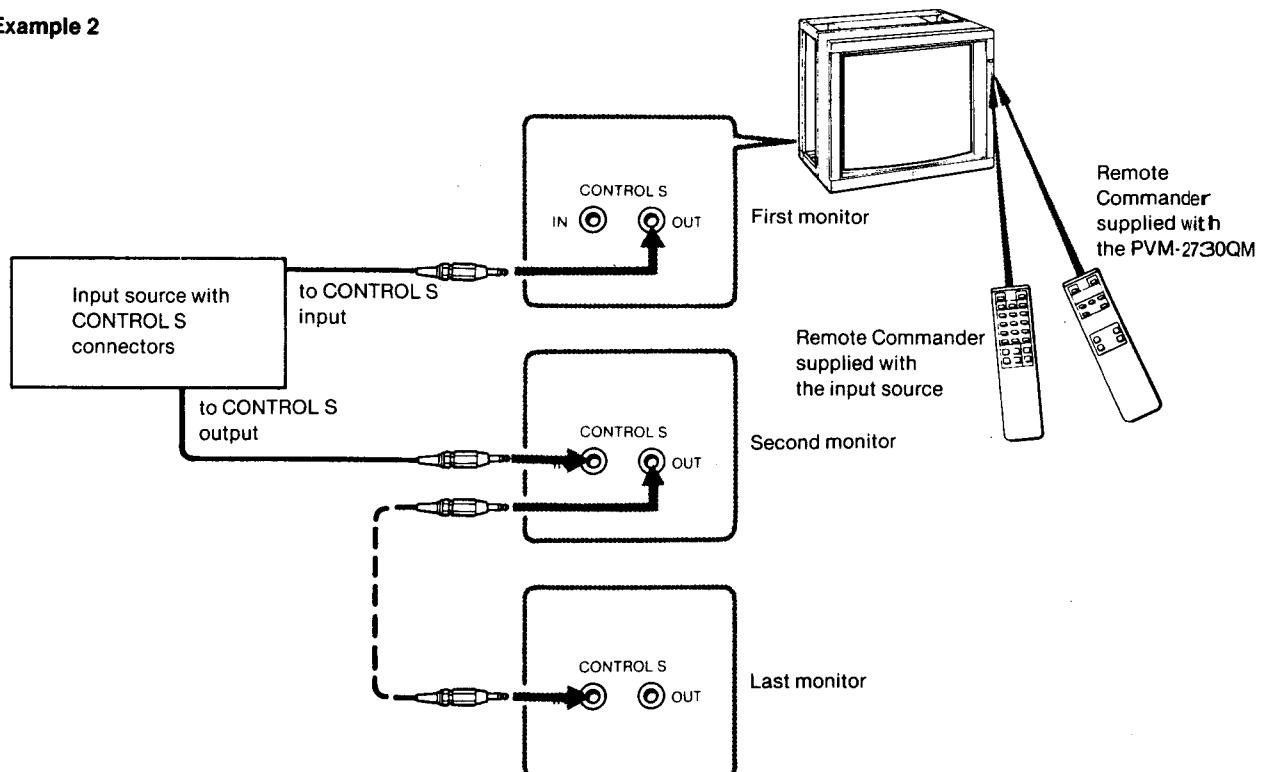
CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on other monitors. Up to 10 monitors can be connected. It is recommended to use a signal distributor when several monitors are connected.



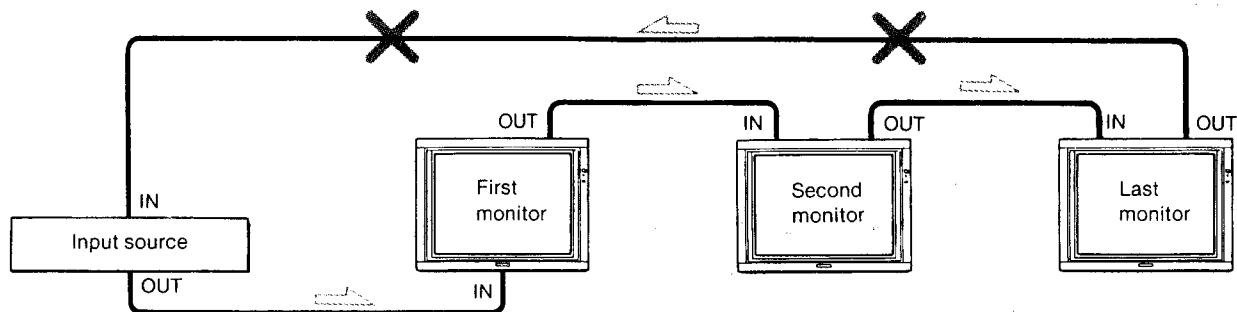
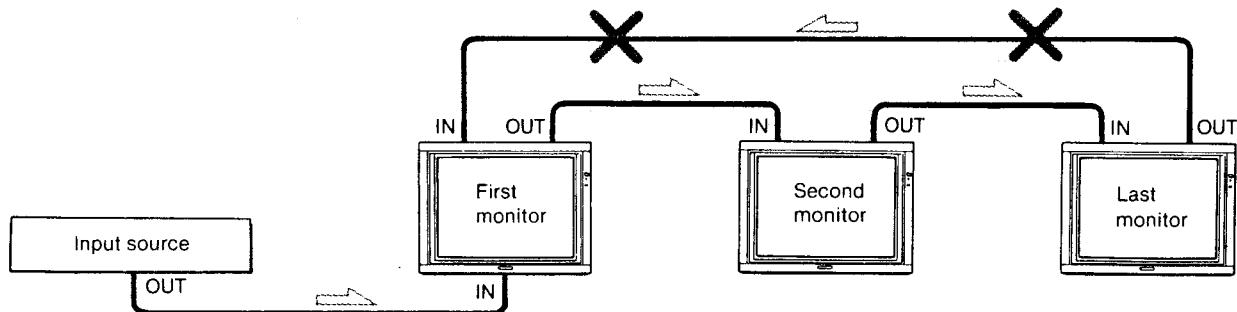
CONTROL S CONNECTION

The following connections allow remote control of several monitors and a VTR through a single monitor.

Example 1**Example 2**

PVM-2730QM
RM-668**Note**

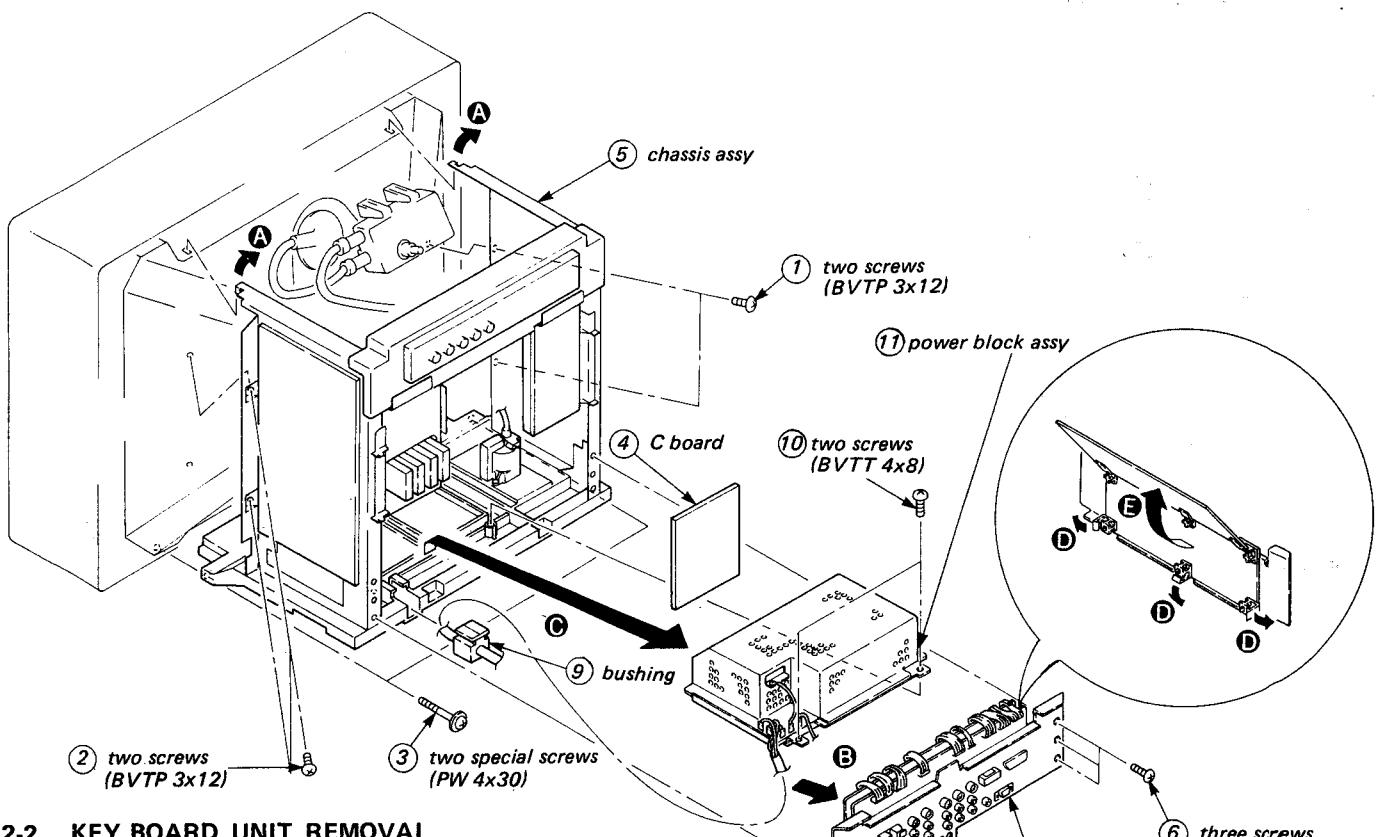
Do not use the following loop connections.

Example 1**Example 2**

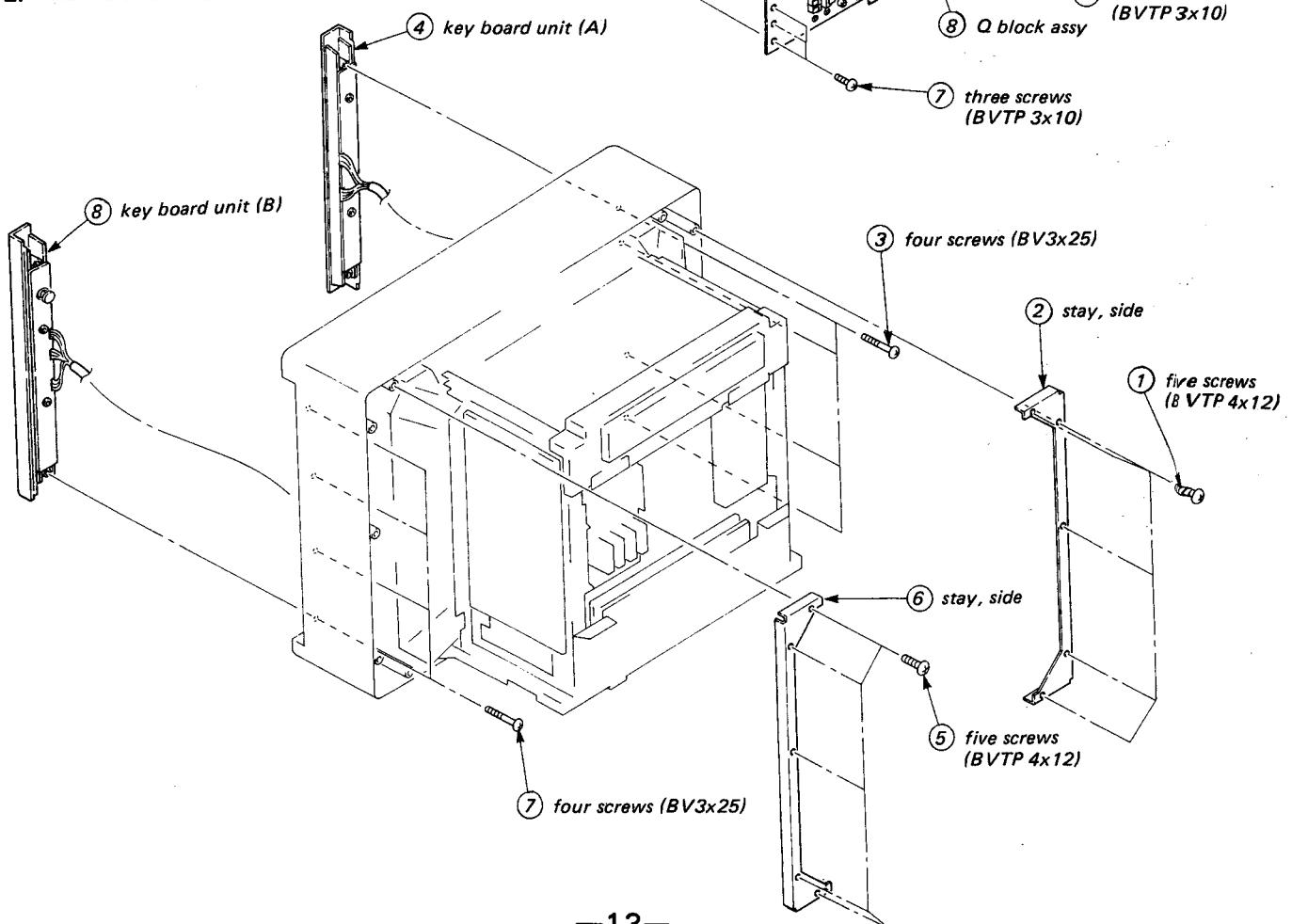
◀ CONTROL S signal flow

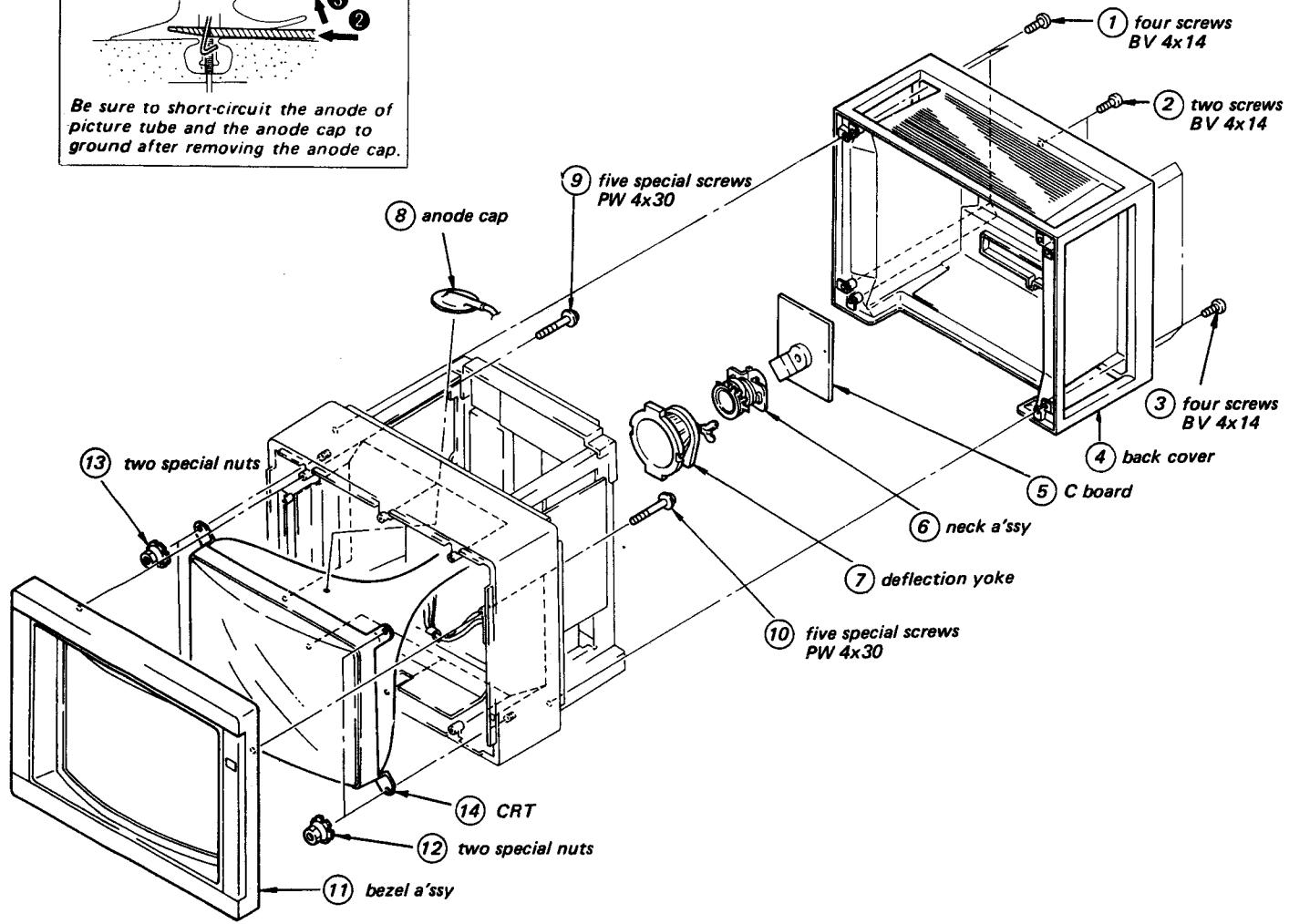
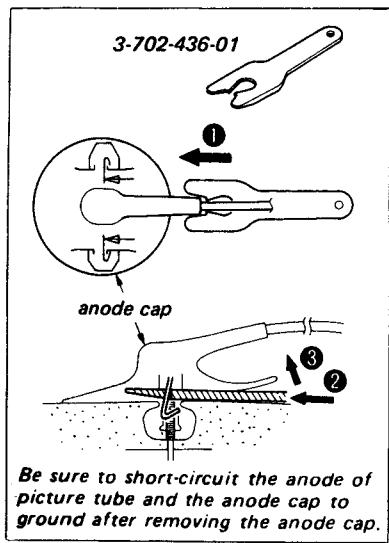
SECTION 2 DISASSEMBLY

2-1. CHASSIS ASSY AND POWER BLOCK ASSY REMOVAL



2-2. KEY BOARD UNIT REMOVAL



PVM-2730QM
RM-668
2.3. PICTURE TUBE REMOVAL


SECTION 3

SETUP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed. These adjustments should be performed with rated power supply voltage unless otherwise noted.

Perform the adjustments in order as follows:

1. Beam Landing
2. Convergence
3. SCREEN and White Balance

Note: Test Equipment Required.
 1. Color-bar/Pattern Generator
 2. Degausser

3-1. BEAM LANDING

Preparation:

- Feed in the white pattern.
- Before starting, degauss the entire screen.

1. Loosen deflection yoke screw.
2. Position neck ass'y as shown in Fig. 3-1.
3. Adjust purity control as shown in Fig. 3-2.
4. Slide deflection yoke as far forward as it will go.
5. Turn the raster signal of the pattern generator to red.
6. Adjust purity control to center vertical red band as shown in Fig. 3-3.
7. Slide deflection yoke back for a uniform red screen.
8. Check green and blue rasters for uniformity by performing the same way as steps 5,6 and 7.
9. Tighten the deflection yoke screw.
10. Check if mislanding appears at corners a – d as shown in Fig. 3-4. If mislanding is observed, correct it as shown in Fig. 3-4.
11. Confirm that beam landing is correct when the receiver is faced in all directions.

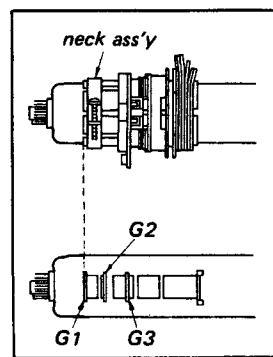


Fig. 3-1.

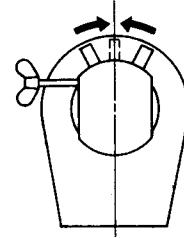


Fig. 3-2.

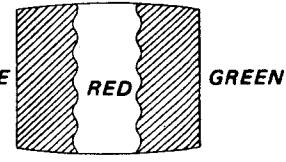


Fig. 3-3.

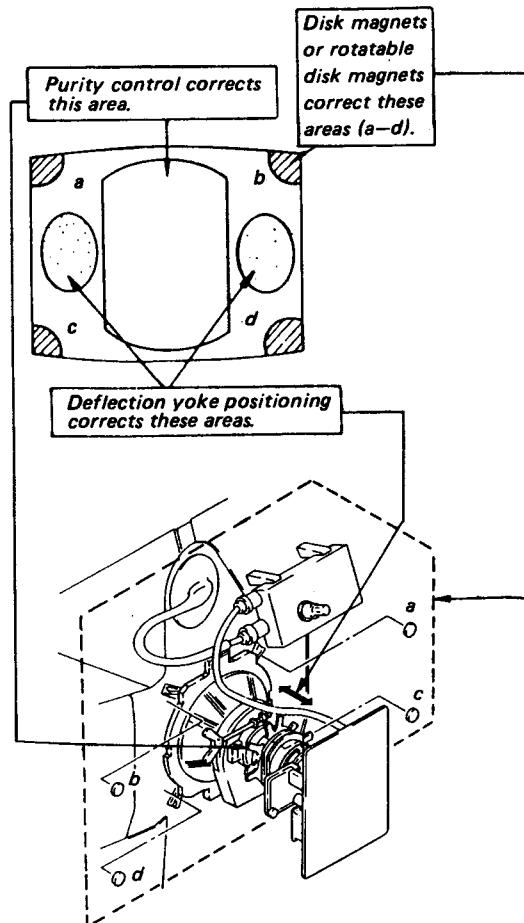
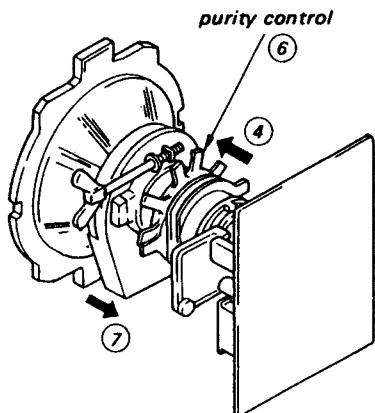


Fig. 3-4.



PVM-2730QM

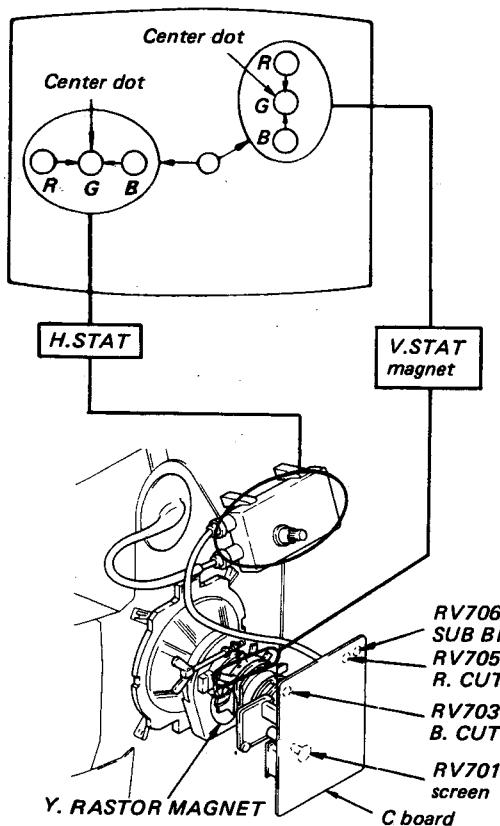
RM-668

CONVERGENCE

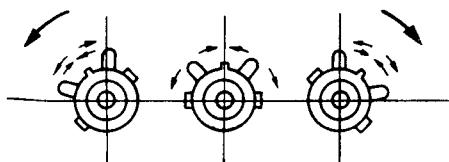
Preparation:

- PICTURE fully counterclockwise
- BRIGHTNESS
- CORNER BOW (RV2504)
- H.TILT (RV2502)
- Y.BOW (RV2503)
- H.AMP (RV2501)
- Y.CROSS (RV2505)
- Input a dots signal.

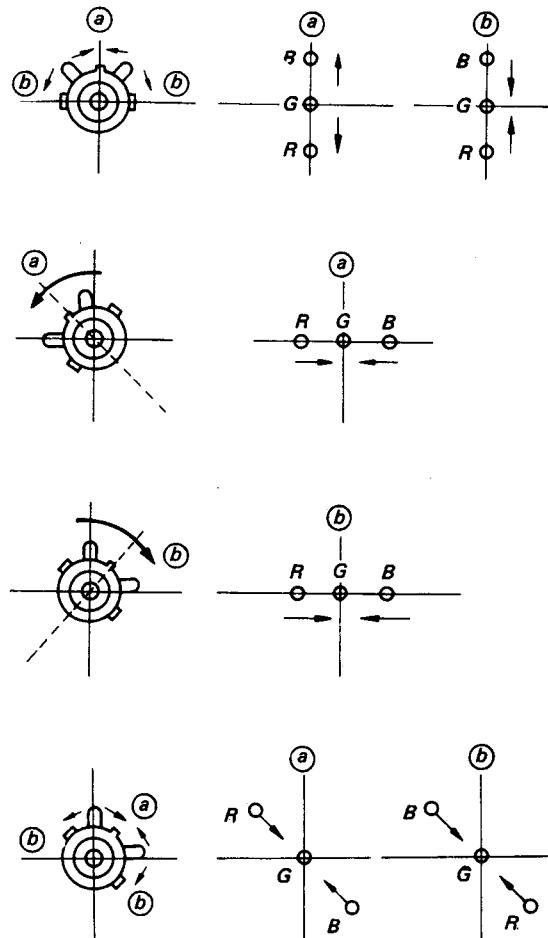
1. Match the horizontal convergence at the center of the screen with H.STAT VR.
2. Match the vertical convergence at the center of the screen with V.STAT Mg.



3. If the red, green and blue dots do not coincide on the center of screen with H.STAT VR, perform horizontal convergence adjustment using H.STAT VR and V.STAT magnet as shown below.
(In this case, H.STAT VR and V.STAT magnet effect each other.)



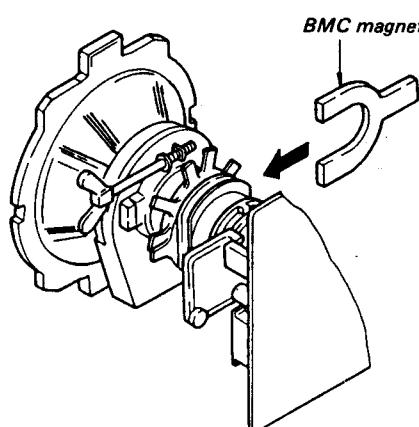
4. When the V.STAT magnet is moved in the direction of arrow a and b, Red, Green and Blue dots move as shown below.



If blue dot does not coincide with red and green dot, perform following steps.

Move BMC magnet (a) to correct insufficient H. static convergence.

In either case, repeat Beam Landing Adjustment.



DYNAMIC CONVERGENCE Adjustment**Preparation:**

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
1. Loosen deflection yoke screw.
 2. Remove deflection yoke spacers.
 3. Move the deflection yoke for best convergence.
 4. Tighten the deflection yoke screw.
 5. Install the deflection yoke spacers.
 6. Adjust the Y.CROSS (RV2505) and Y. BOW (RV2503), so that RED and BLUE shown in Fig.-1 will become $a=b=c$.

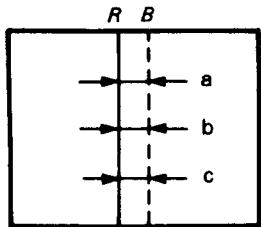


Fig. 1

7. Match the horizontal convergence at the center of the screen with H STAT VR.
8. Adjust the CORNER BOW(RV2504), so that RED and BLUE shown in Fig.-2 will become $a=b=c$ and $d=e=f$.

Note: At this point, if the relationship between $a=c$ or $d=f$ is not established, adjust the Y. CROSS (RV2505) again.

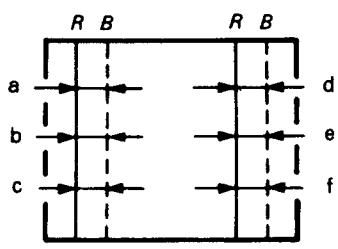


Fig. 2

9. Match the horizontal convergence at the centre of the screen with the H STAT VR.
10. Adjust the H TILT (RV2502) so that the RED and BLUE shown in Fig.-3 will become $a=b$.

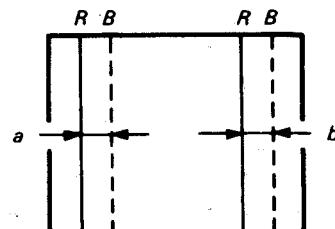


Fig. 3

11. Adjust the H AMP (RV2501) so that the RED and BLUE shown in Fig.-4 will become $a=2b$.

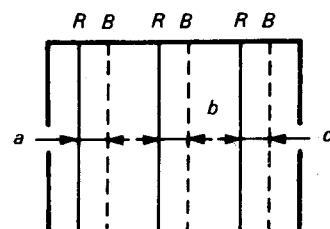
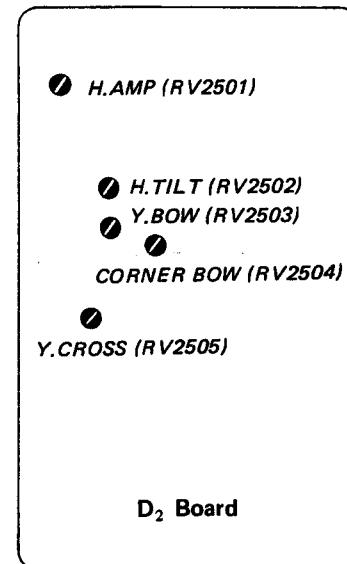


Fig. 4

12. Match the horizontal convergence at the center of the screen with H STAT VR.
13. When the H AMP is adjusted repeat the procedures described in Steps 5 to 7.
14. If divergence of the convergence exists at the corner of the screen, the adjustments described in Steps after 3 should be repeated.



(Conductor Side)

PVM-2730QM

RM-668

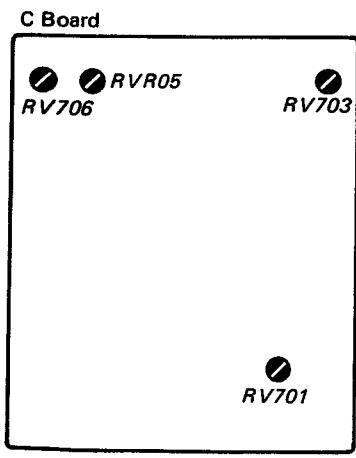
WHITE BALANCE ADJUSTMENT

1) SCREEN (G2) Adjustment

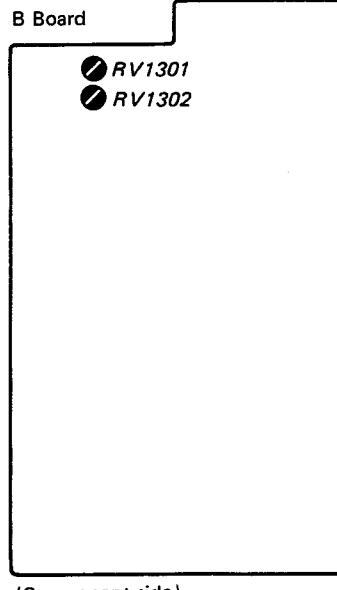
1. Input the dot signal.
2. Set the PICTURE control to minimum.
3. Confirm that G1 line voltage is 30 ± 5 vDC.
4. Apply 180vDC voltage from DC POWER SUPPLY to cathodes terminal of R.G.B.
5. Adjust with the various cut off controls (RV705), (RV703) so that the cathode voltage for Red and Blue is 180v.
6. While watching the screen, adjust with the position immediately before the trace disappears with the screen control (RV701).

2) W/B Adjustment

1. Input a all white signal.
2. Set the PICTURE control to minimum and "Reset" BRIGHTNESS.
3. Adjust RV705 (cut off R) and RV703 (cut off B) for best White Balance.
4. Set PICTURE control to maximum.
5. Adjust RV3301 (B, IK) and RV3320 (G, IK) for best White Balance.
6. Reset steps 2 to 5.



(Component side)



(Component side)

PVM-2730QM
RM-668PVM-2730QM
RM-668

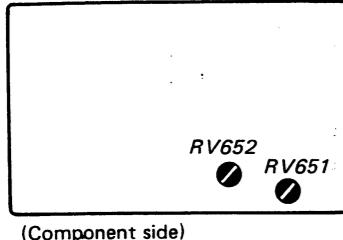
SECTION 4 CIRCUIT ADJUSTMENTS

4-1. FA, FC BOARDS ADJUSTMENT

+B Line Adjustment

- Supply 220V ac to with variable auto-transformer.
- Adjust RV651 so that the +B line is 140V ±0.5V.
- Adjust RV652 so that the pin ① of IC651 is 32 ±0.1V.

FA Board



4-2. D AND D3 BOARD ADJUSTMENTS

Horizontal Position Adjustment

- Check that H center moves so that and left with horizontal position VR (RV1503), then adjust horizontal position to center.

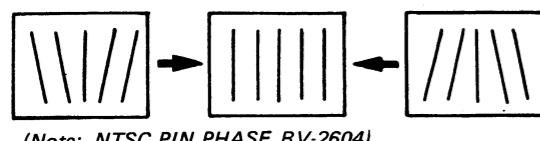
HV REG. ADJUSTMENT

- Set the PICTURE control to maximum and BRIGHTNESS control for the RESET position.
- Adjust HV REG voltage to 1.0 ± 0.1 V dc with RV1510.

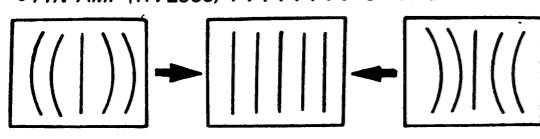
Picture Distortion Adjustment

- Picture distortion adjustment input a PAL color bar signal equivalent to a crosshatch signal.
- Confirm that the voltage of connector D-10 is less than 9.98V dc when the RV1510 (HV REG VR), with fully clockwise.

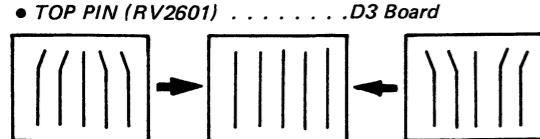
PIN PHASE (RV2603) D3 Board



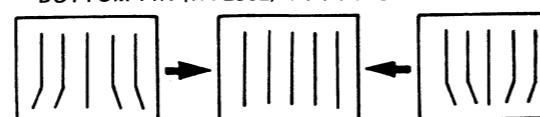
PIN AMP (RV2605) D3 Board



TOP PIN (RV2601) D3 Board



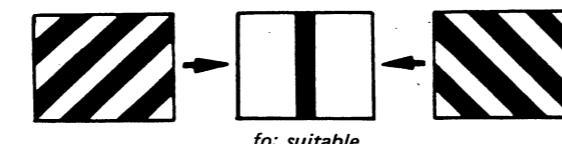
BOTTOM PIN (RV2602) D3 Board



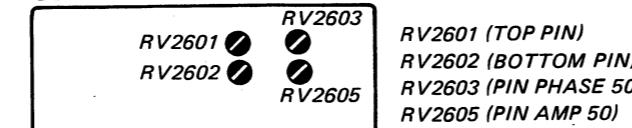
- Adjust RV1505 (H. SIZE) so that H. SIZE is best.
- Adjust RV1503 (H. CENT) so that horizontal position is center.
- Adjust RV501 (V. SIZE) so that V. SIZE is best.
- Adjust RV503 (V. CENT) so that V. CENT is best.
- Adjust RV1506 (PICTURE AMP) so that picture center is best.

H. FREQ ADJUSTMENT

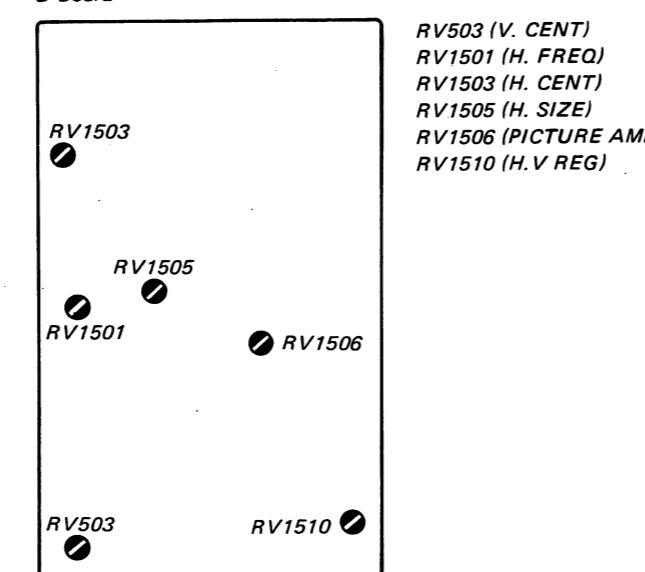
- Input a color bar signal and short between IC1501 pins ① and ⑪.
- Adjust RV1501 (H. FREQ VR) so that picture flow is as shown in figure.
- After adjustment, remove the connections in step 1.



D3 Board



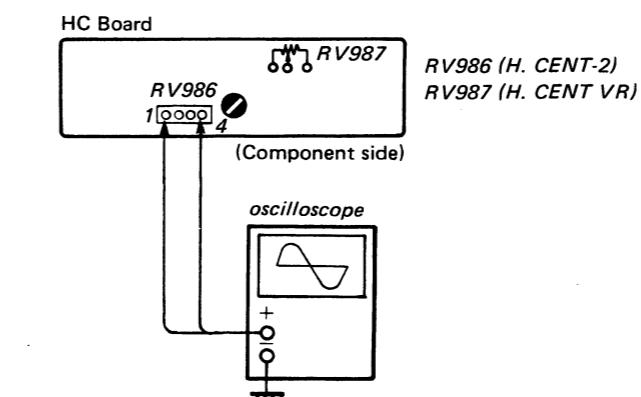
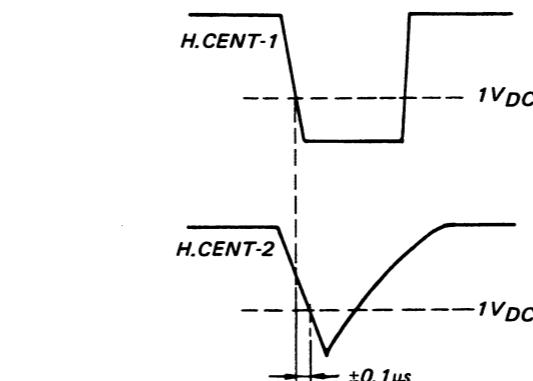
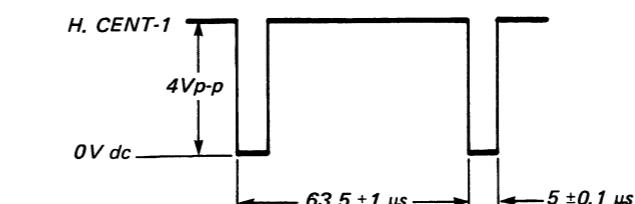
D Board



4-3. HC BOARD ADJUSTMENT

H. CENTER Adjustment (DIGITAL RGB)

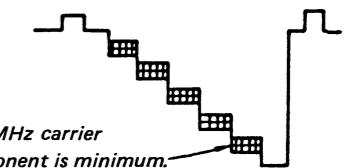
- Connect to the digital RGB output connector of a microcomputer.
- Press to select the RGB mode.
- Turn the H. CENT VR (RV987---- Rear control panel) to center position.
- Connect the oscilloscope to pin ④ of HC-2 connector and pin ① of HC-2 connector.
- Adjust RV986 (H. CENT-2) so that the phase difference level is $\pm 0.1\mu\text{s}$.



4-4. B BOARD ADJUSTMENTS

Y Chroma Adjustment

- Input a PAL color bar signal.
- Connect an oscilloscope to pin ③ of IC301, and adjust so that chroma component is minimum on pin ③ of IC301 waveform while tracking with L451 (4.43 MHz).

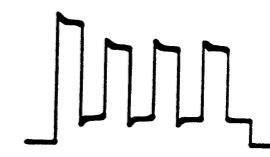


- Input a NTSC (3.58) color bar signal.

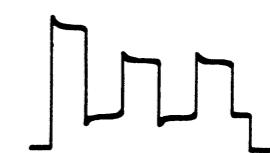
- Connect an oscilloscope to pin ③ of IC301 and adjust so that croma component is minimum on pin ③ of IC301 waveform while tracking with L452.

COLOR BALANCE Adjustment

- Input a SECAM color bar signal and set PICTURE to maximum. Press "RESET" to set color to standard state.
- Observe blue output (TP33) waveform on the oscilloscope and adjust L421 (B-Y) so that the black portion of the color bar is the same level as the pedestal.



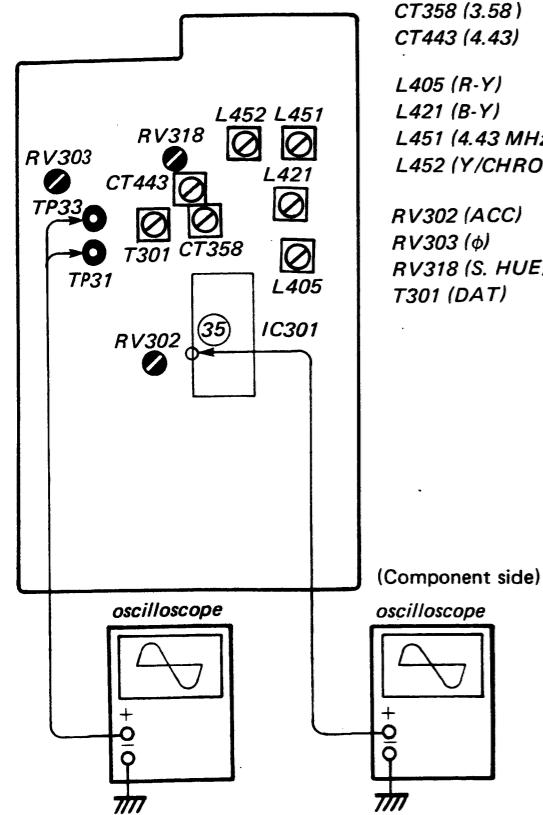
- Observe blue output (TP31) waveform on the oscilloscope and adjust L405 (R-Y) so that the black portion of the color bar is the same level as the pedestal.



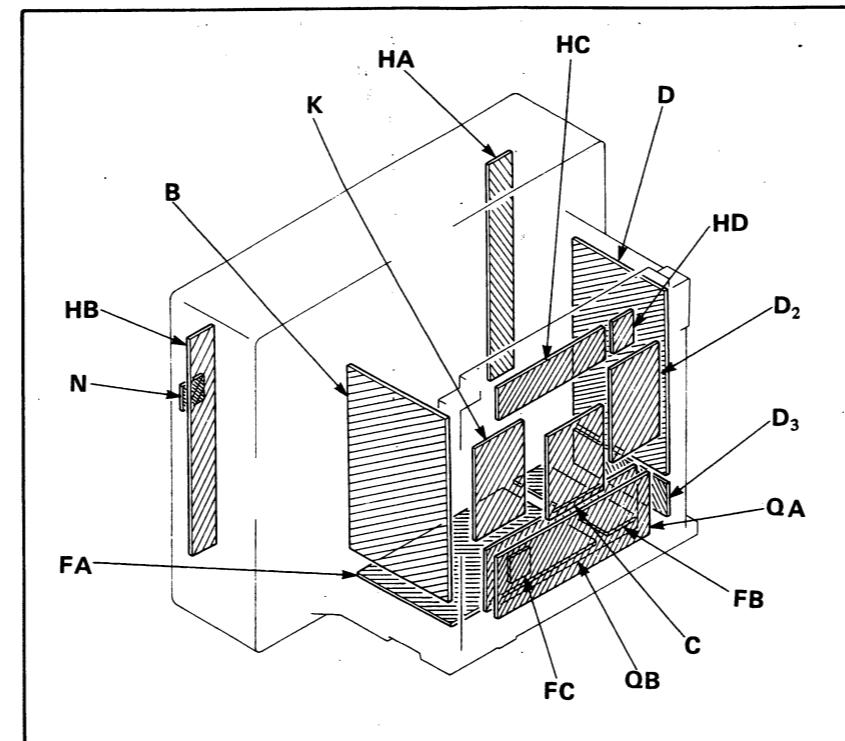
PVM-2730QM
RM-668PVM-2730QM
RM-668PVM-2730QM
RM-668

SECTION 5 DIAGRAMS

B Board



5-1. CIRCUIT BOARDS LOCATION



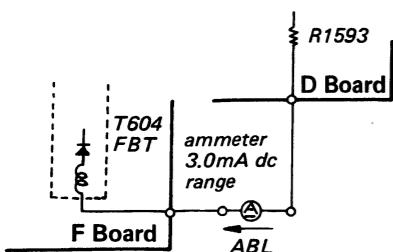
4-5. SAFETY CHECK Adjustment

HOLD DOWN ADJUSTMENT (*R597)

- Turn the POWER switch ON, and receive entirely white signals and set the PICTURE and BRIGHTNESS control to maximum.
- Confirm that the voltage of the TP85 is more than 8.7V DC when the set is operating normally with 120V AC supply.
- Adjust ABL current to $1600 \pm 30\mu A$ with PICTURE and BRIGHTNESS.
- Confirm that there is less than 10.50V DC where by the raster disappears during operation of hold-down circuit. (HOLD DOWN check point of TP85)
- Adjust ABL current to $290 \pm 5\mu A$ with PICTURE and BRIGHTNESS.
- Confirm that there is less than 11.00V DC where by the raster disappears during operation of hold-down circuit. (HOLD DOWN check point of TP85).

Note: If the hold-down circuit starts operating in the above case, switch OFF and POWER of the set immediately.

- If above steps is not satisfied, select resistance value of R597 and repeat above steps 1 through 6.

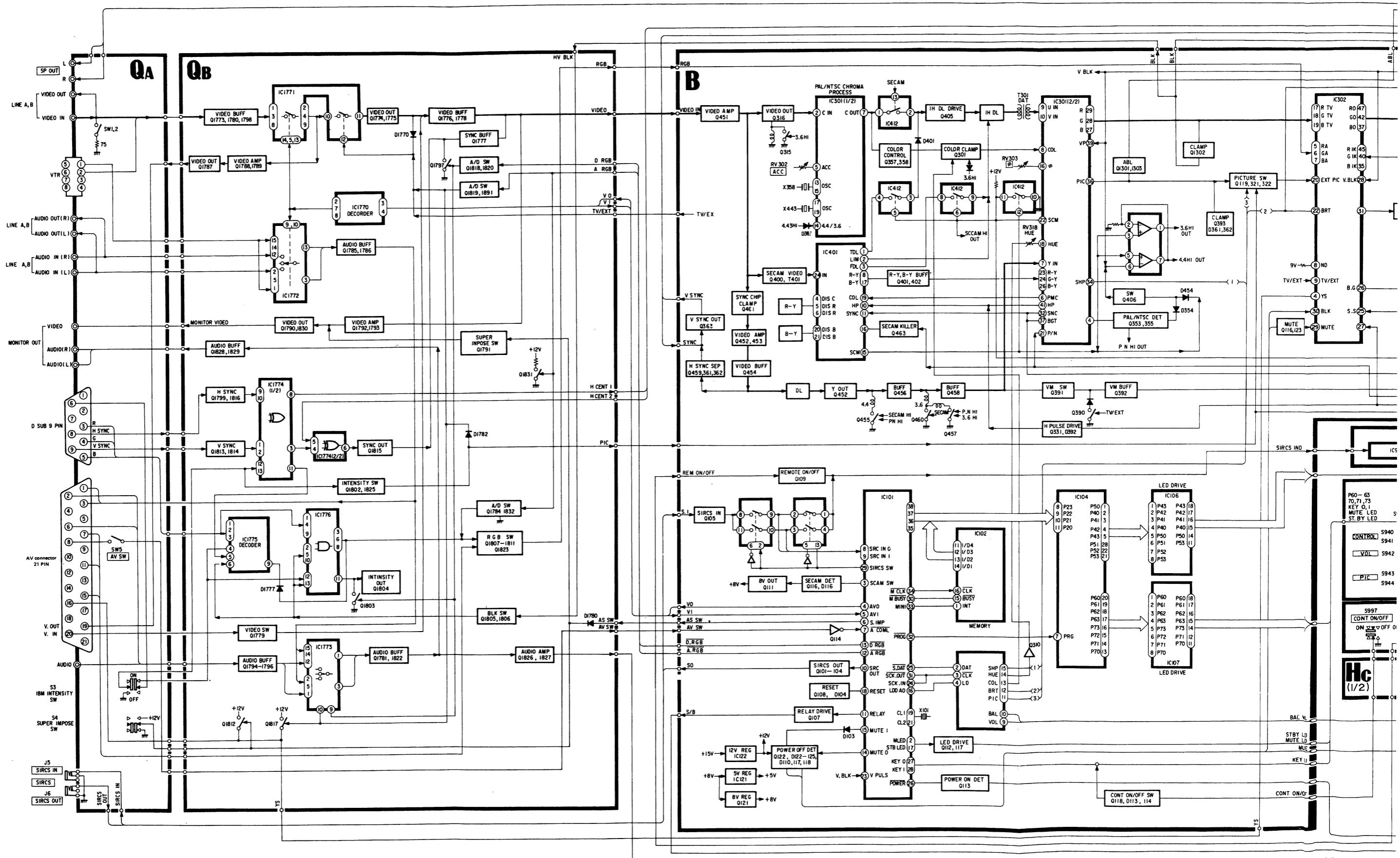


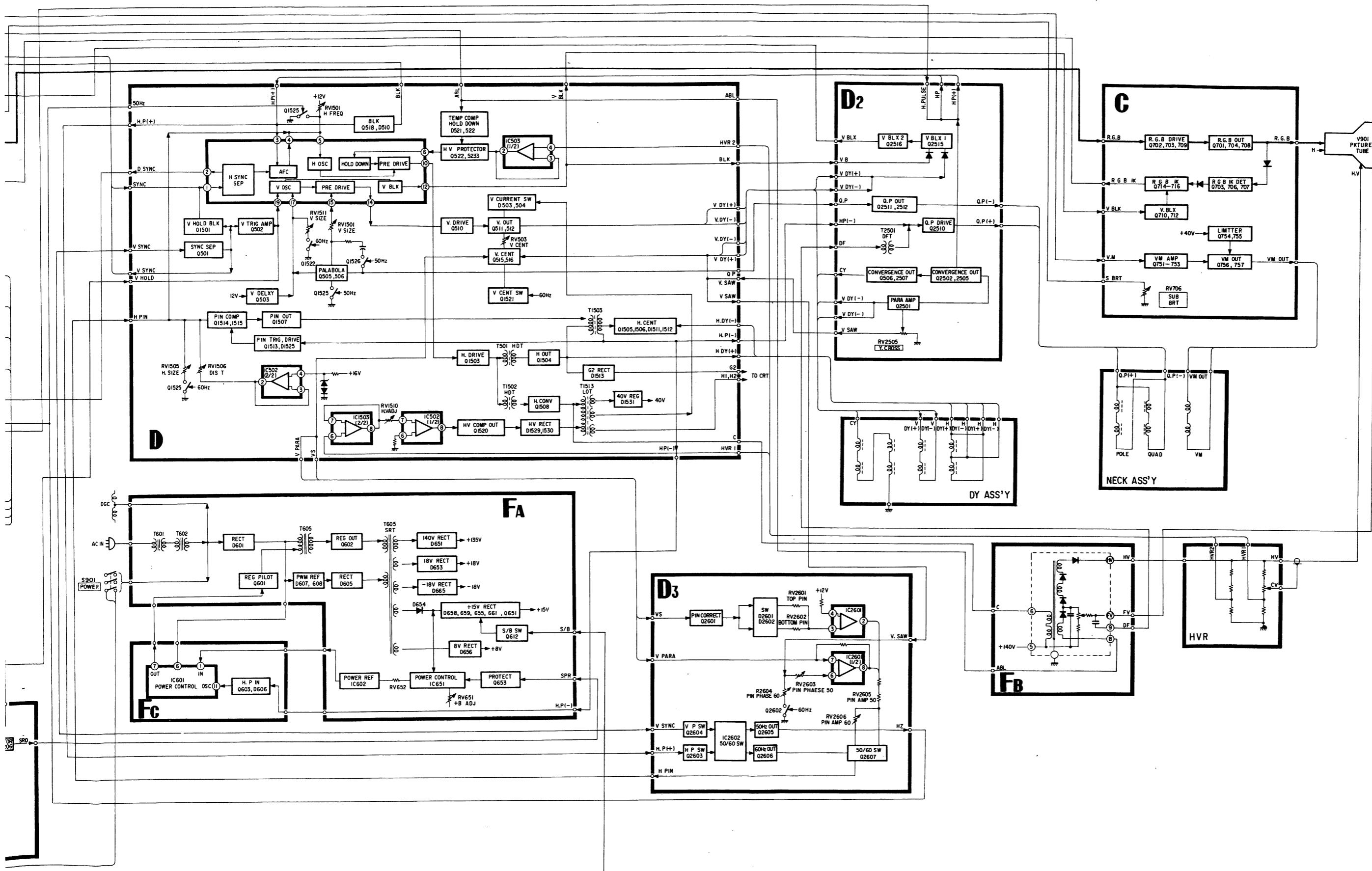
PVM-2730QM
RM-668

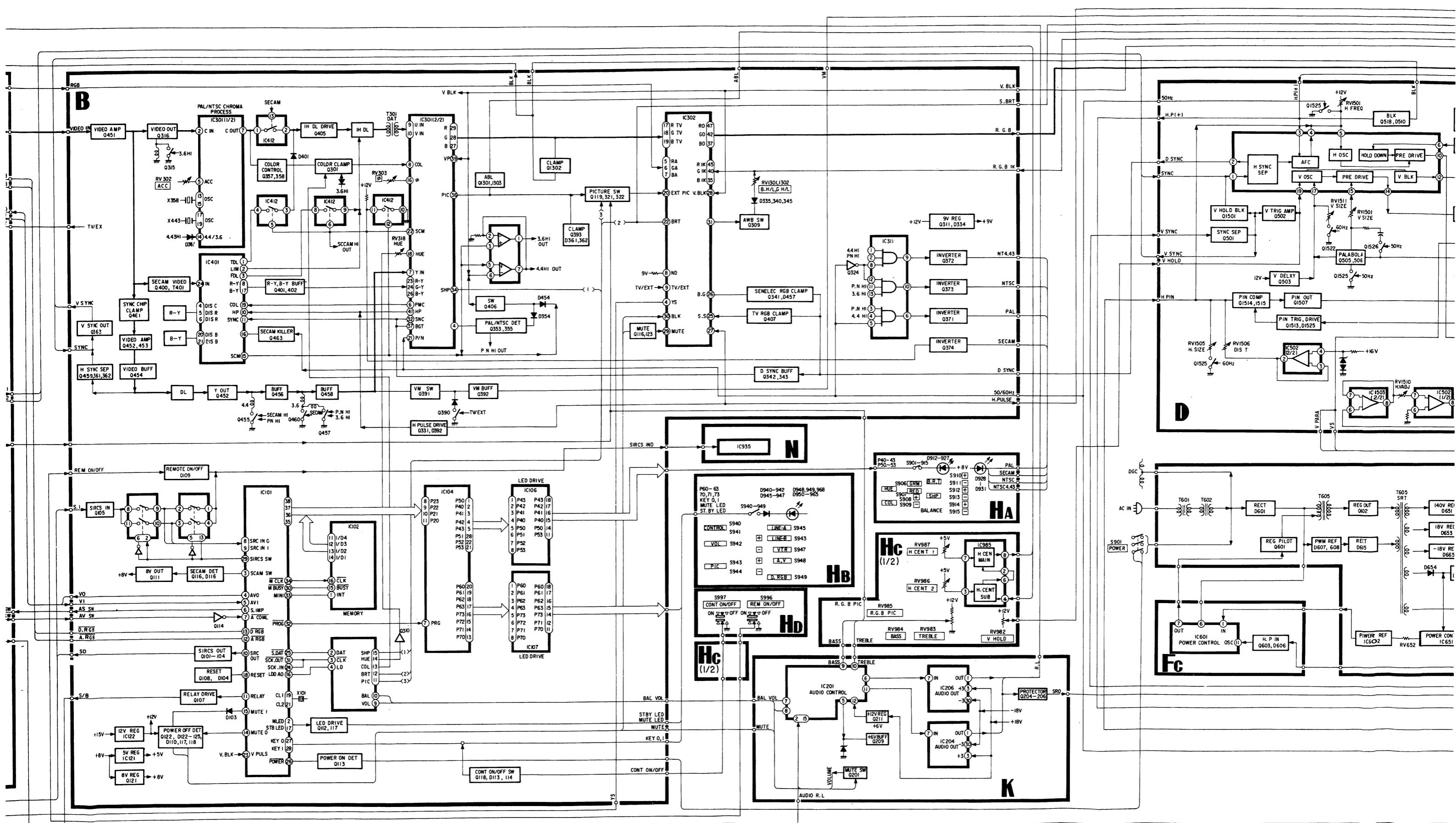
PVM-2730QM
RM-668

PVM-2730QM
RM-668

5-2. BLOCK DIAGRAM

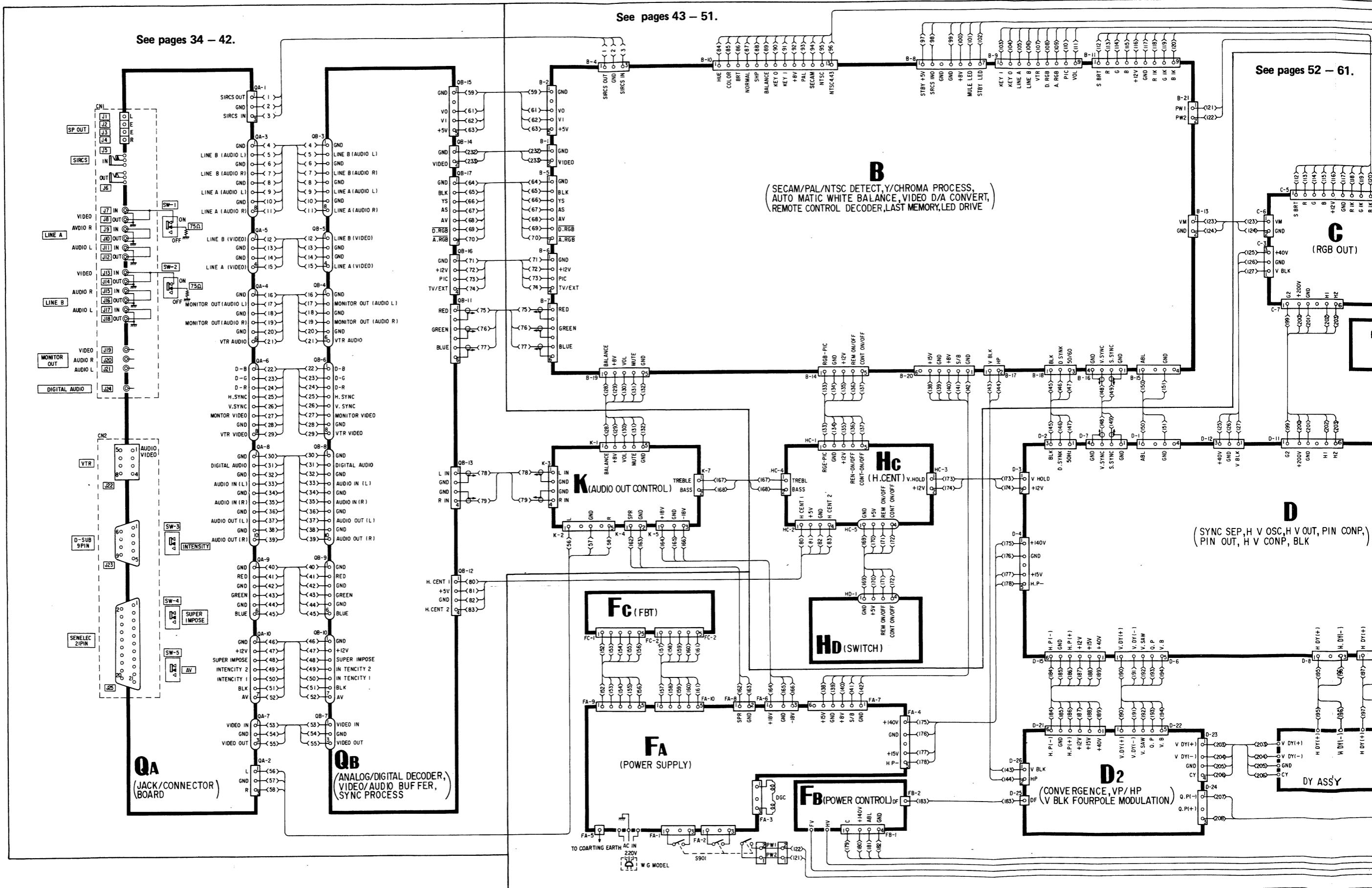


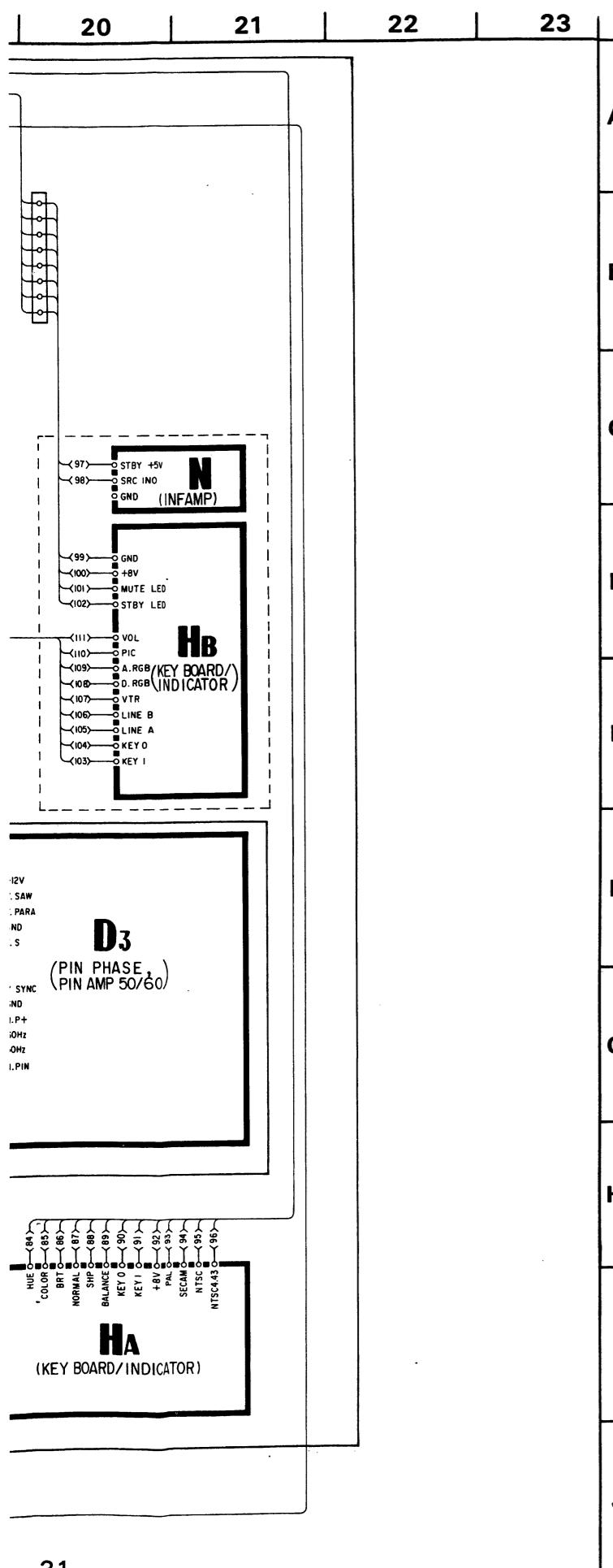
**PVM-2730QM
RM-668****PVM-2730QM
RM-668**

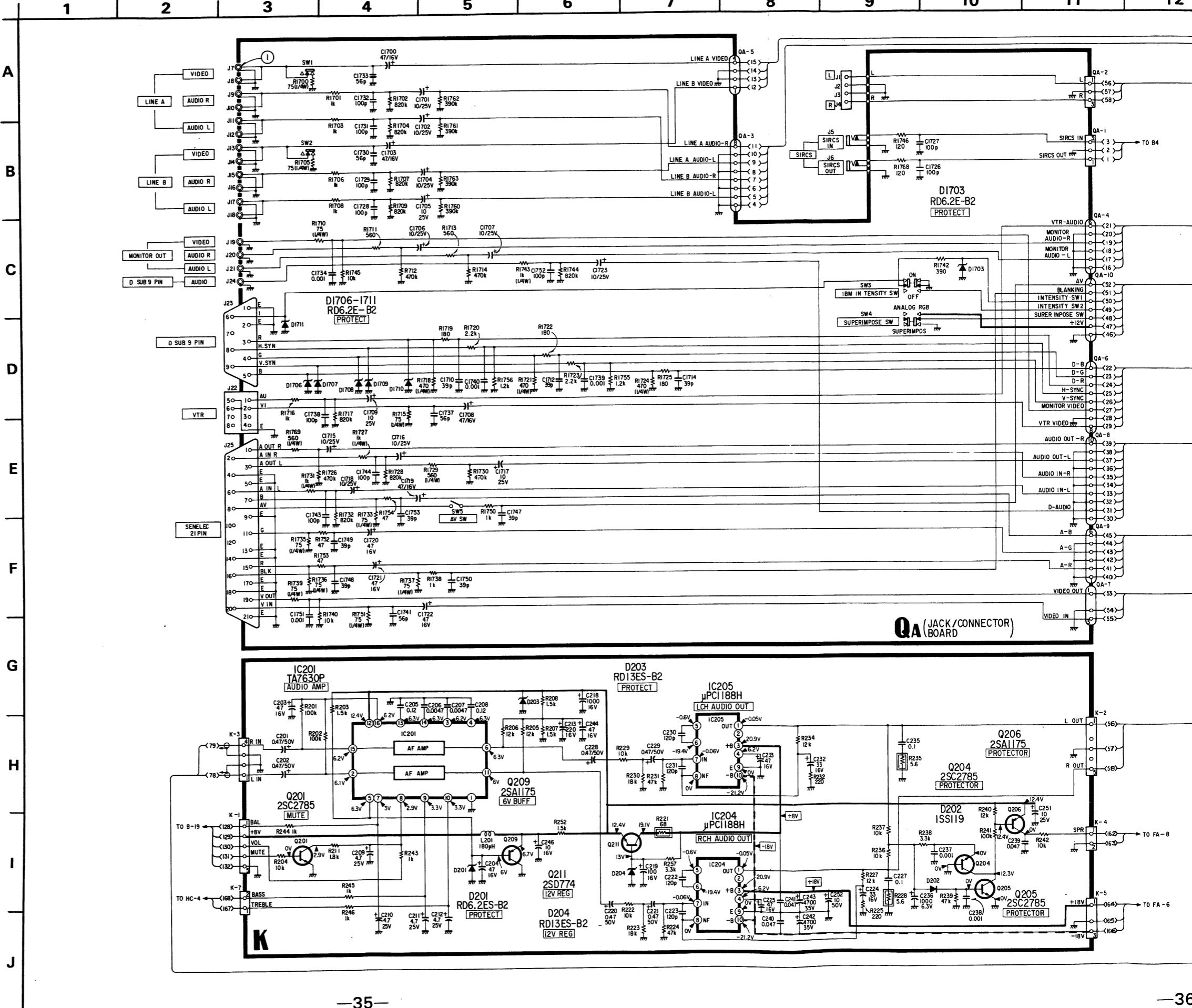
**PVM-2730QM
RM-668****PVM-2730QM
RM-668**

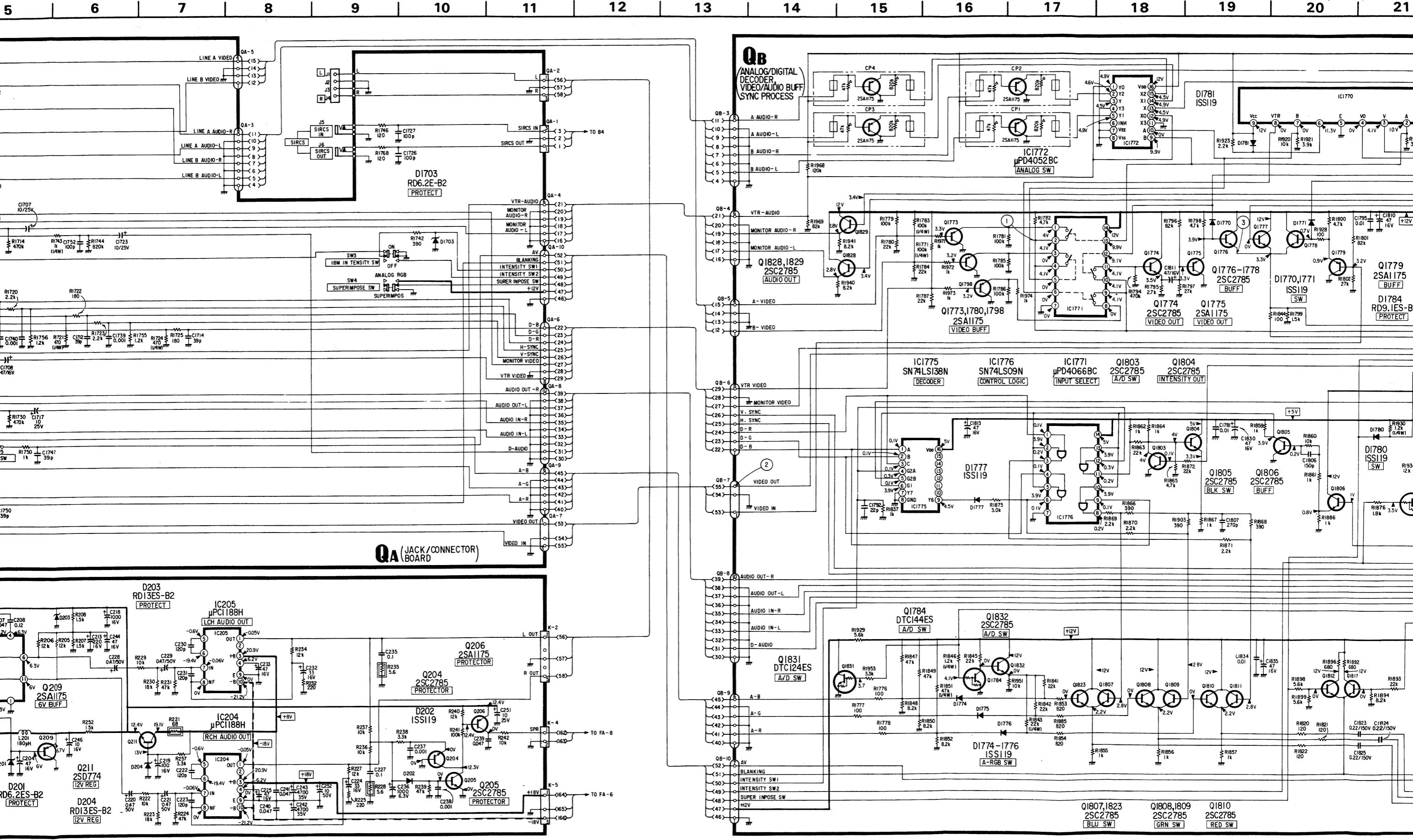
PVM-2730QM
RM-668PVM-2730QM
RM-668

5-3. FRAME SCHEMATIC DIAGRAM



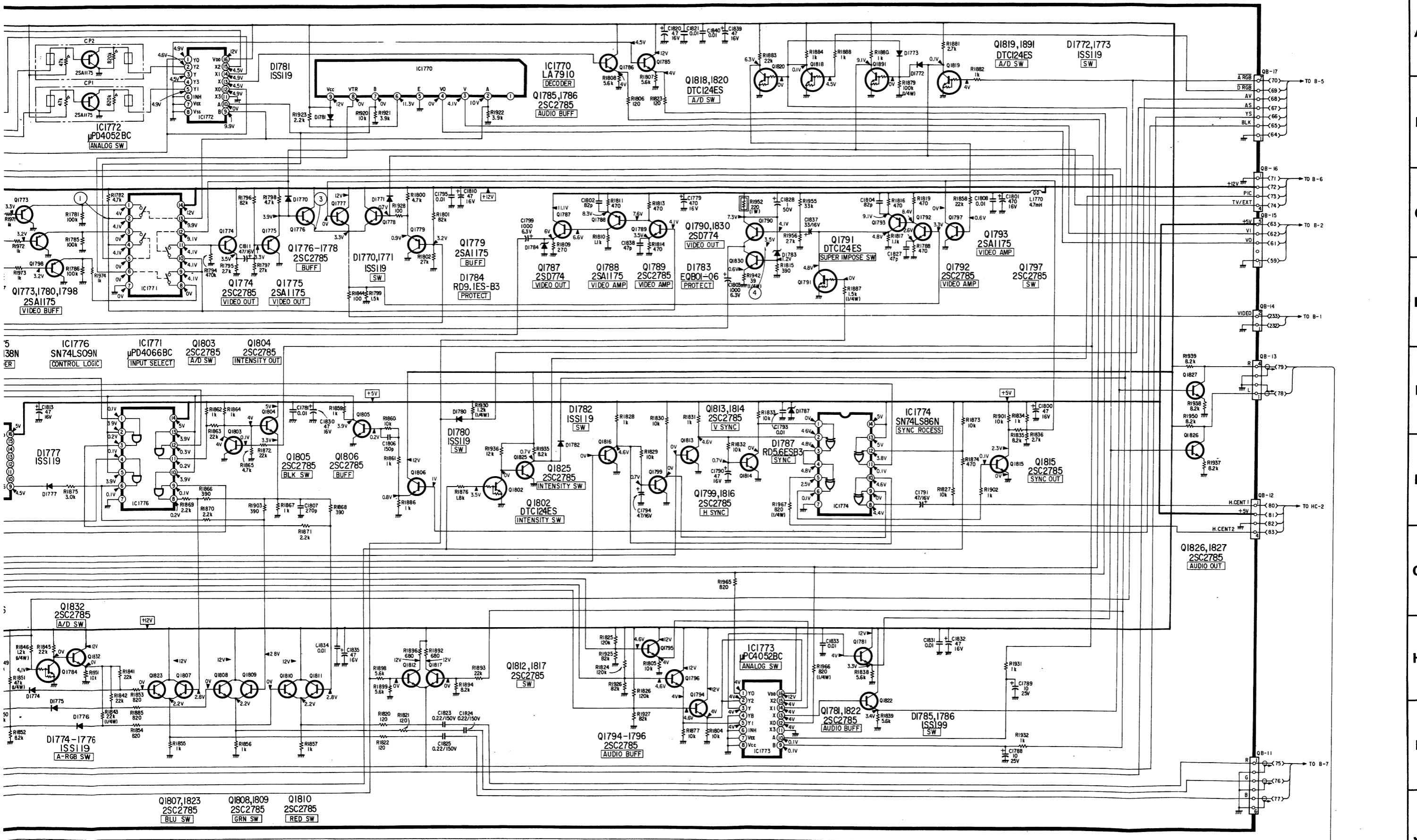
PVM-2730QM
RM-668**PVM-2730QM**
RM-668**PVM-2730QM**
RM-668

**PVM-2730QM
RM-668****PVM-2730QM
RM-668****PVM-2730QM
RM-668****5-4. SCHEMATIC DIAGRAM AND PRINTED WIRING BOARDS**

**PVM-2730QM
RM-668**


PVM-2730QM
RM-668PVM-2730QM
RM-668

16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31



PVM-2730QM
RM-668PVM-2730QM
RM-668

- Conductor Side -

(ANALOG/DIGITAL RECORDER)
(VIDEO/AUDIO BUFFER,
SYNC PROCESS)

QB

(JACK/CONNECTOR)

QA

QB

QA

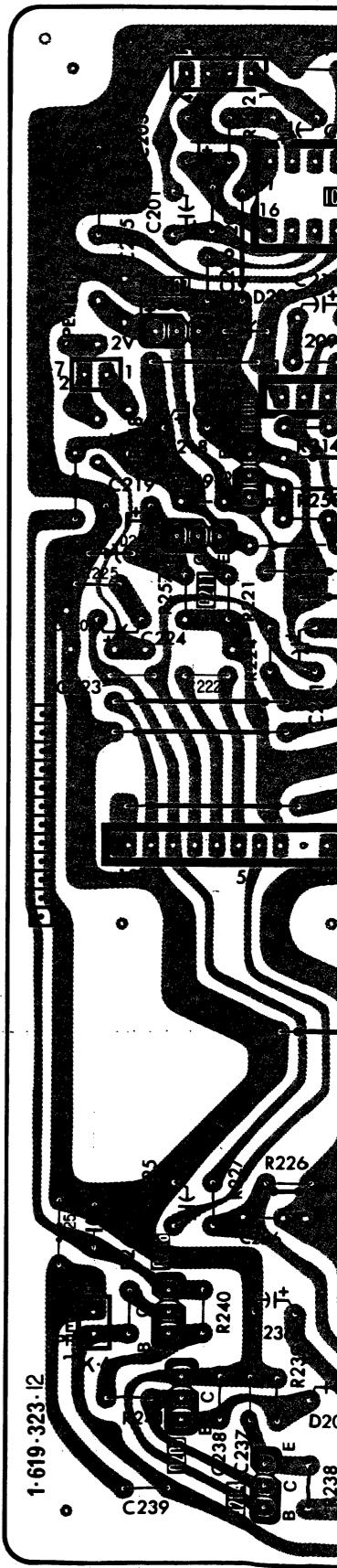
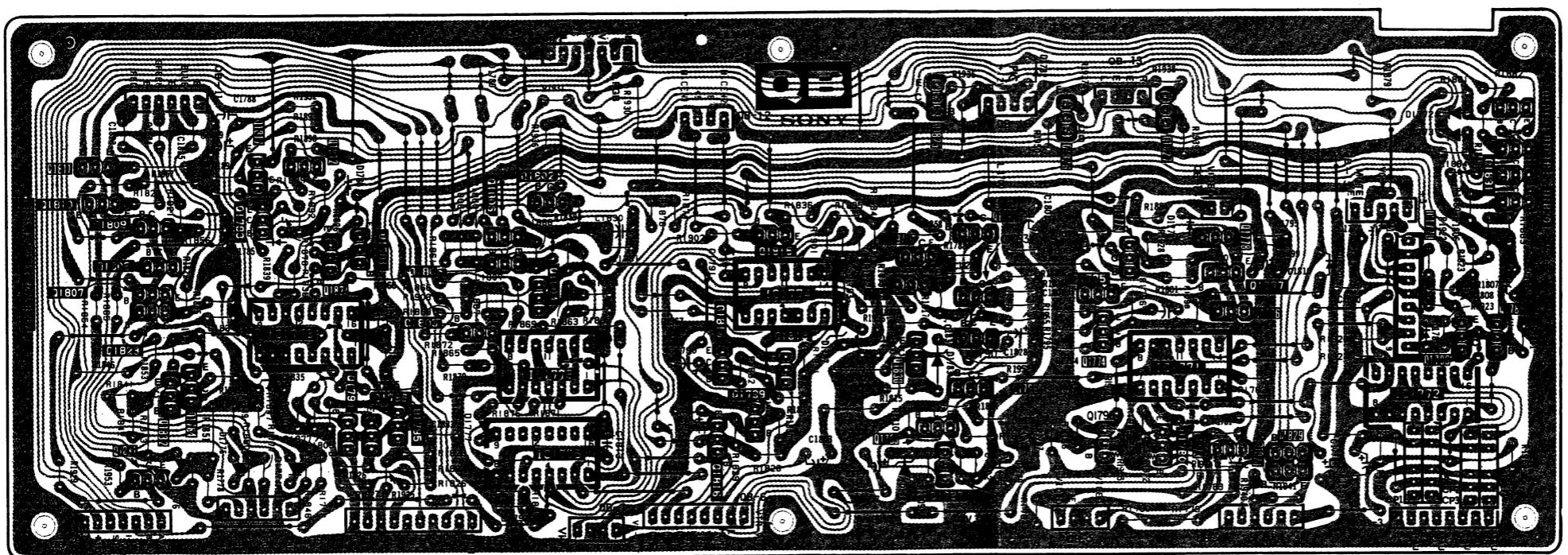
K

(AUDIO OUT CONTROL)

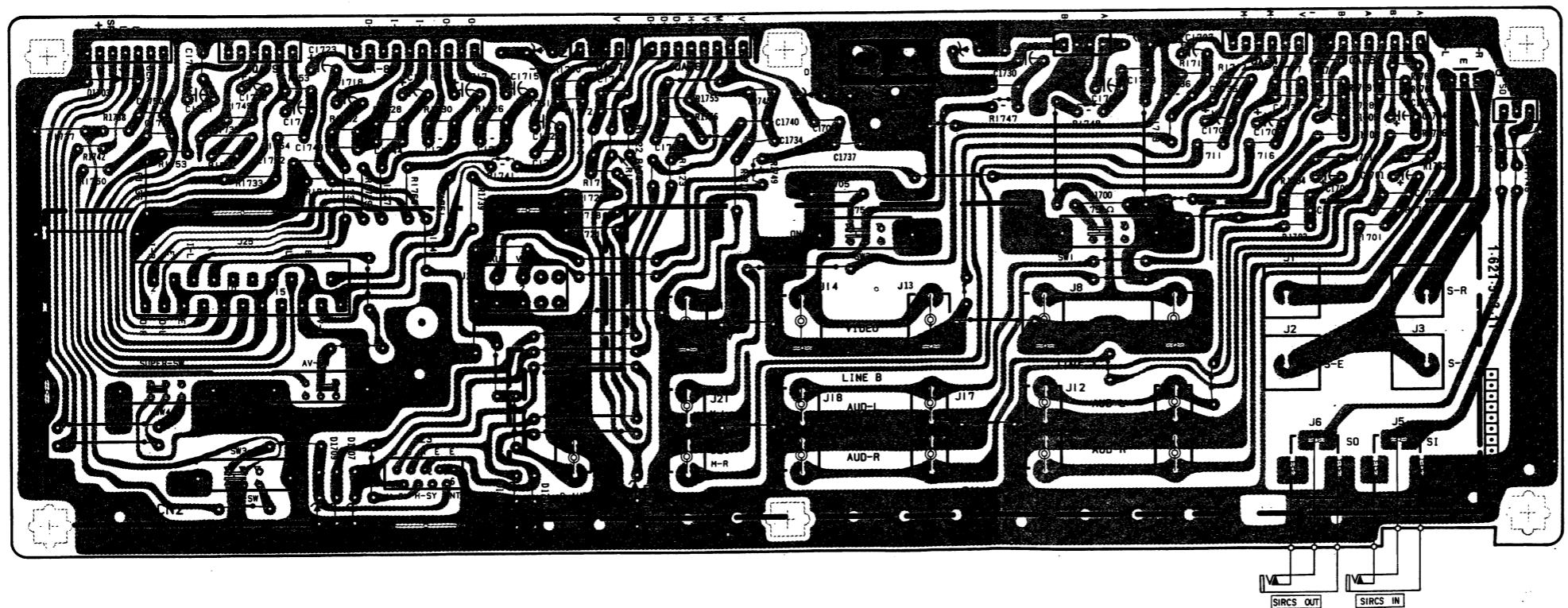
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 1

A	IC Q	I811 I810 I809 I808 I807 I823 I83 I832 I784	I817 I812 I822 I781 I796 I795	I806 I805 I804 I803 I776 I775	I815 I814 I799 I813 I816 I780	I825 I792 I797 I788 I789	I826 I793 I775 I780	I827 I779 I774 I780	I778 I777 I776 I773	I819 I818 I891 I820 I829 I785 I786 I782 I771 I770 I781 I773
D		I703	I776 I775 I774 I711 I709 I707	I777, I708, I710	I706	I787	I784 I783	I782	I771 I770 I781 I773	

- QB Board -



- QA Board -

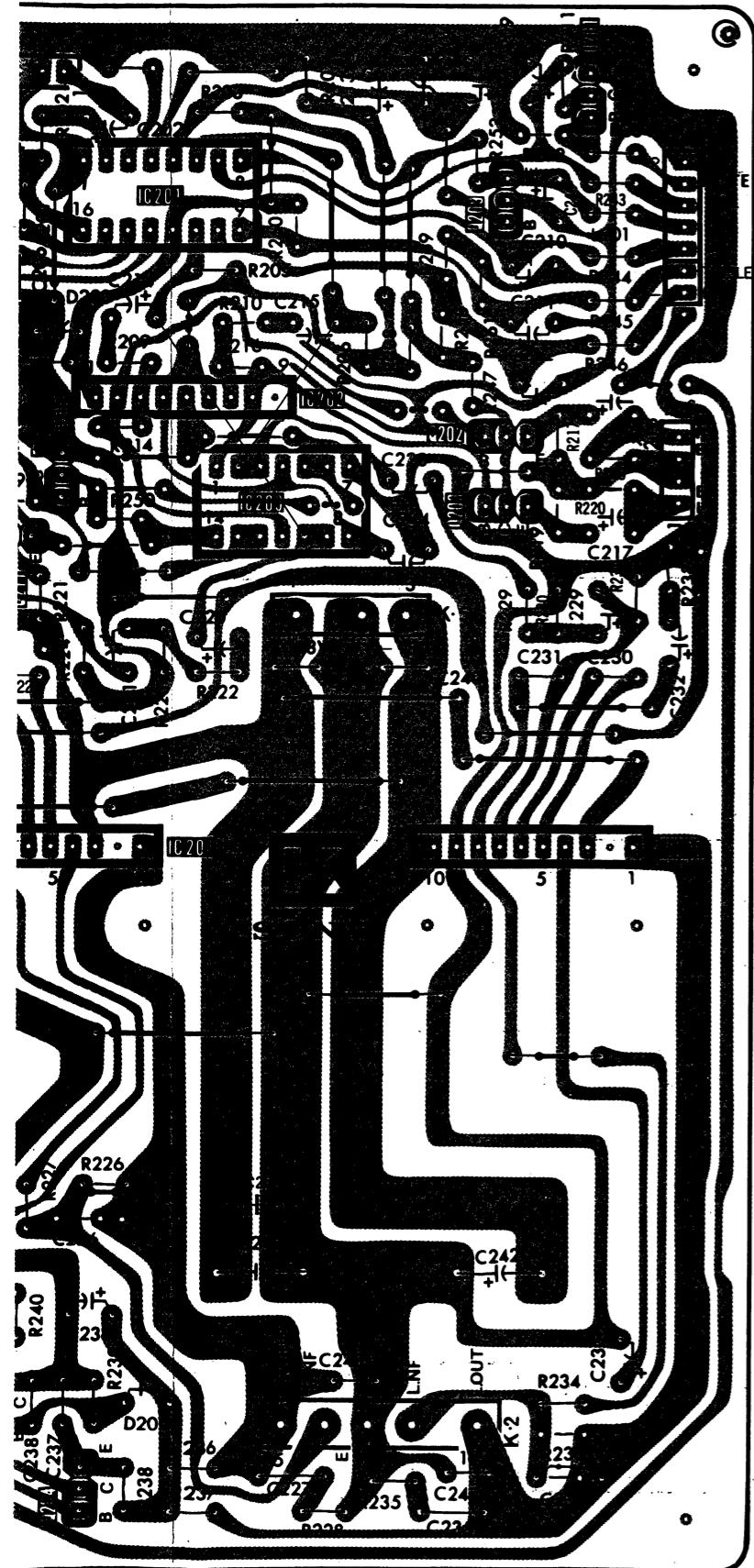


-40-

PVM-2730QM
RM-668PVM-2730QM
RM-668

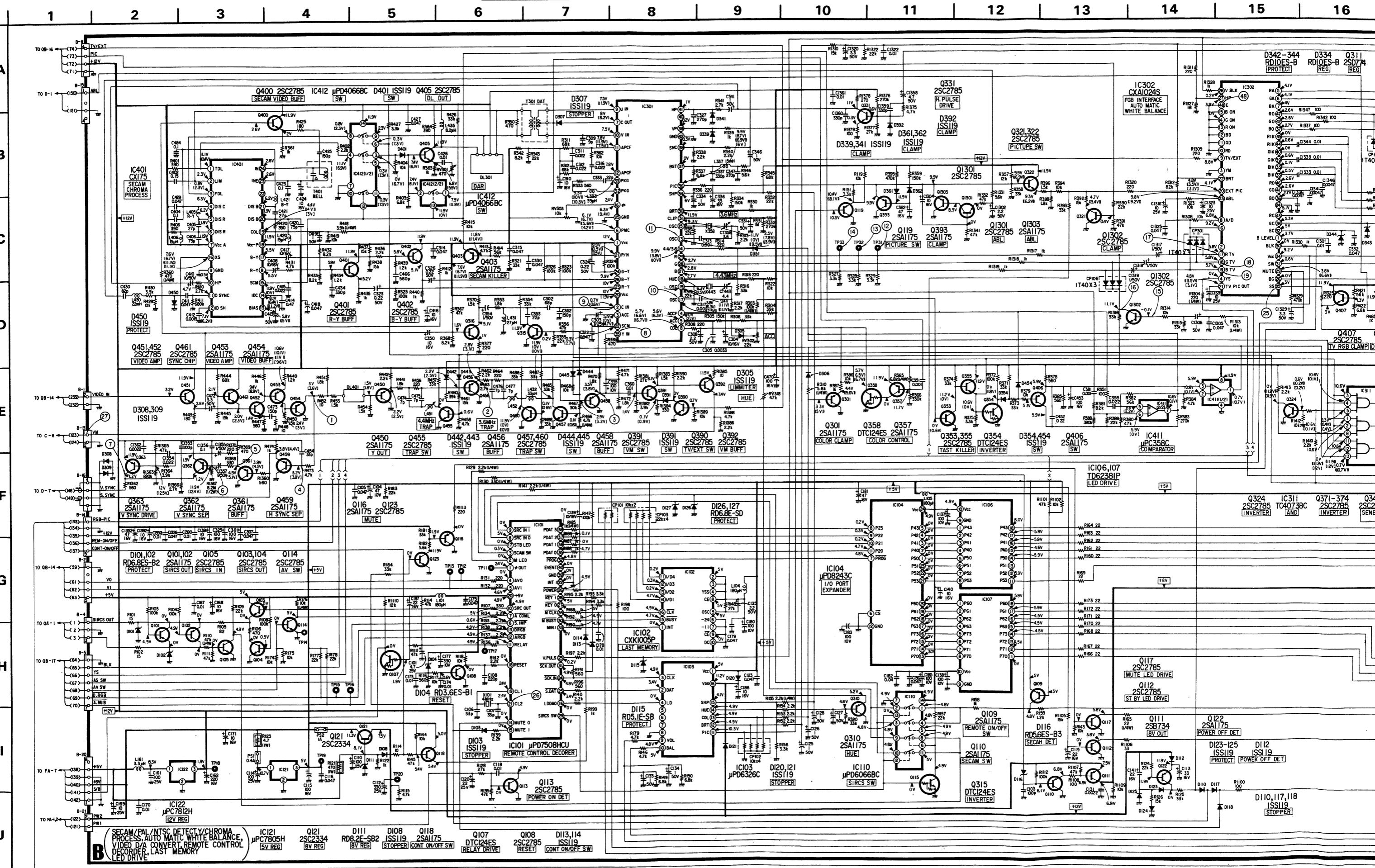
K

16 17 18 19 20 21



PVM-2730QM
RM-668

PVM-2730QM
RM-668



PVM-2730QM
RM-668

PVM-2730QM
RM-668

1

1

1

1

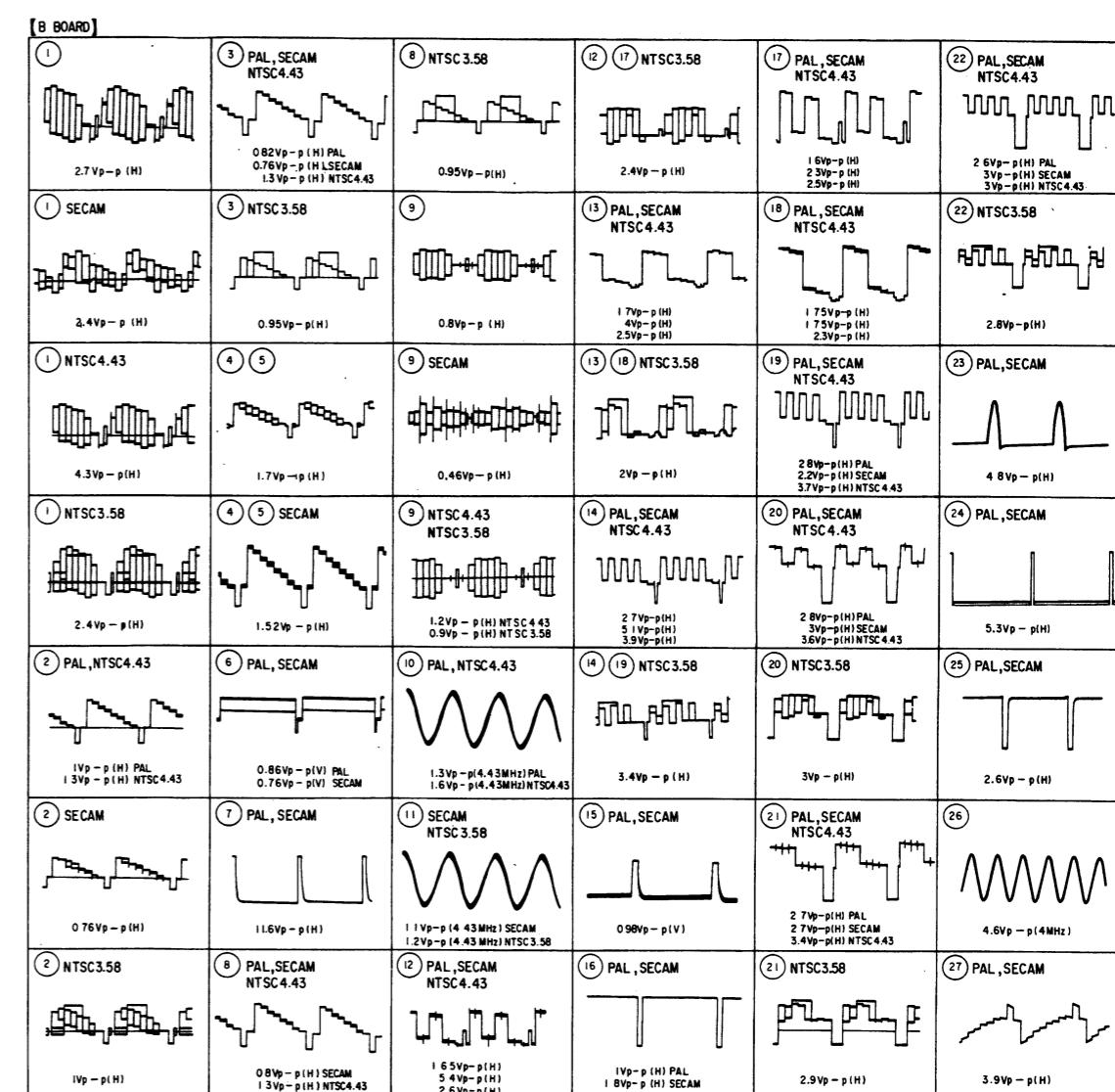
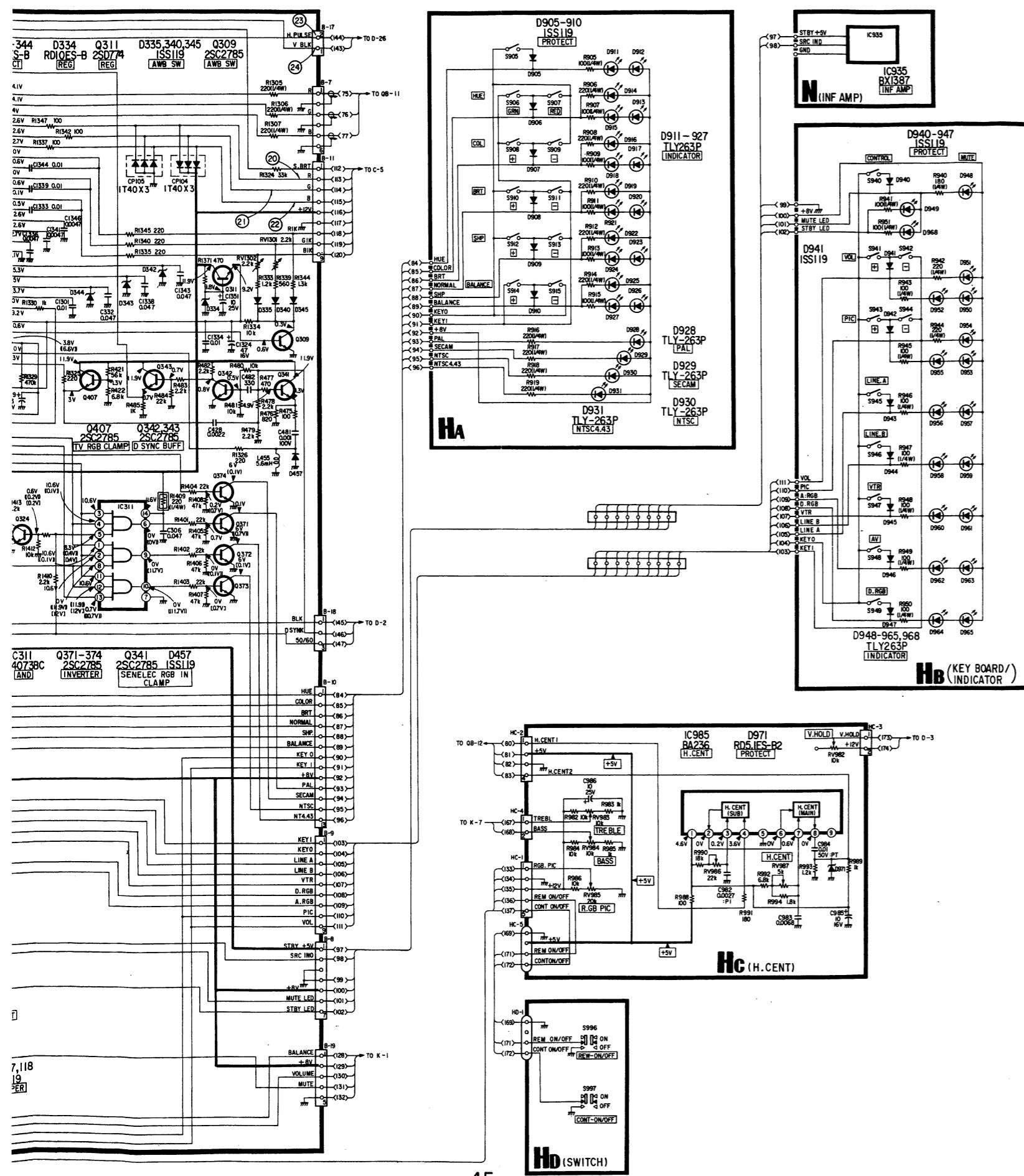
2

2

2

2

24



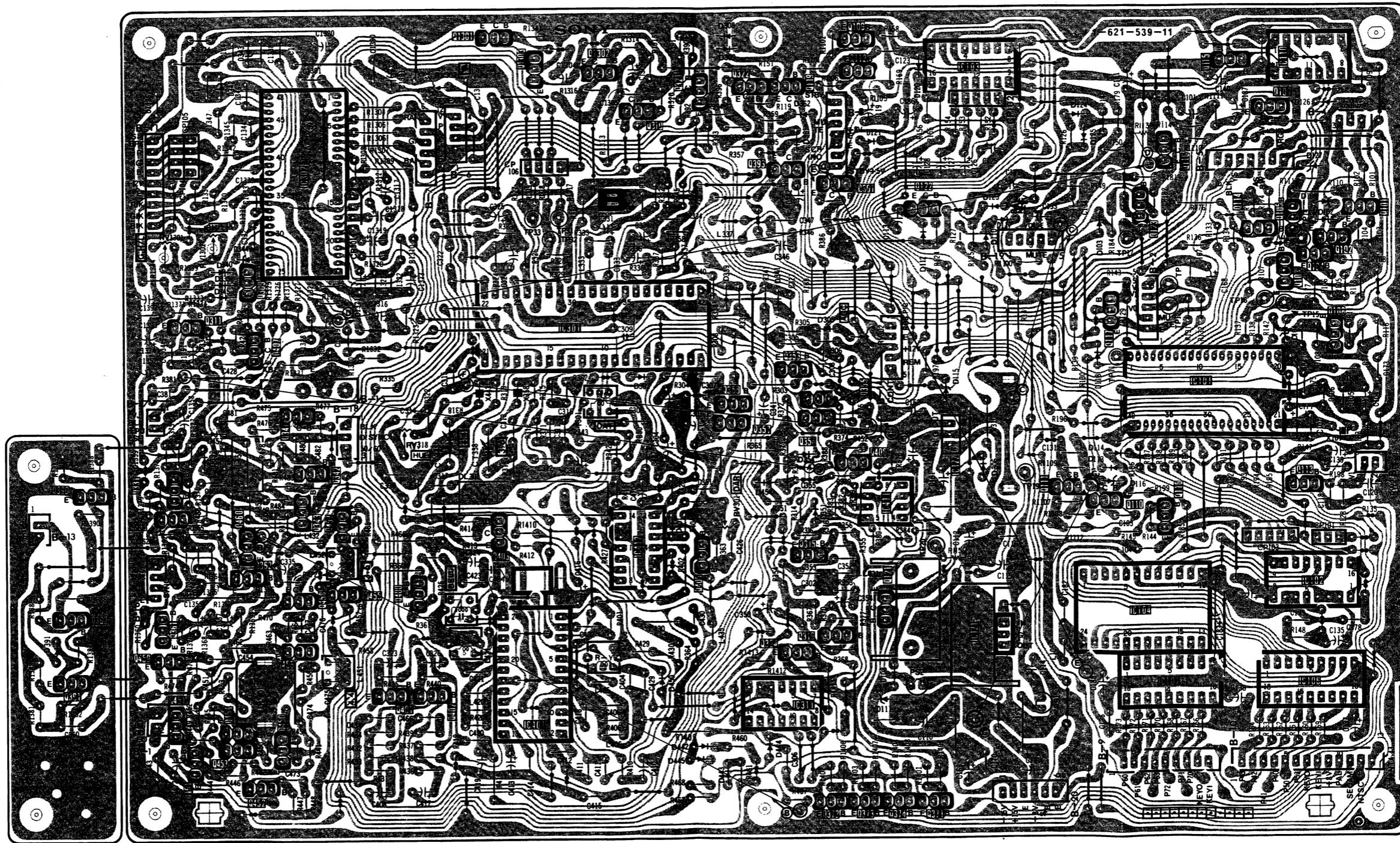
**PVM-2730QM
RM-668****PVM-2730QM
RM-668**

— Conductor Side —

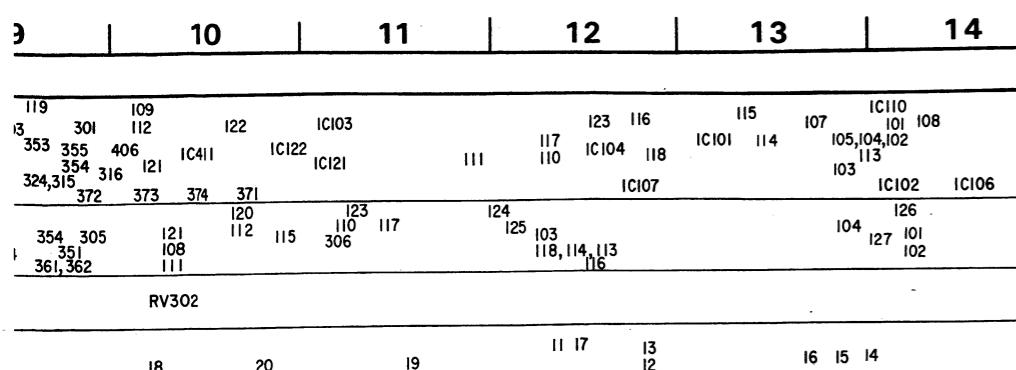
(SECAM/PAL/NTSC DETECT, Y/CHROMA PROCESS,
 AUTOMATIC WHITE BALANCE, VIDEO D/A CONVERT,
 REMOTE CONTROL DECODER, LAST MEMORY, LED DRIVE)

B**B**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
— B Board —																		
A	IC Q	390 392 391	311 331 363 361,459 451,461	309 407 460 454,362 453,452,450 456	IC302 341,342 457 455	400 401 402	1301 403 IC401	1303 IC301 IC412	310 405 357	321 358 353 355 354 316 324,315 372 373 374 371	322 393 301 109 112 121 122 IC411 IC122 IC121 IC103 IC102 IC107 IC104 IC101 IC105,104,102 I01 I02 I03 I04 I05,104,102 I13 I03 I04 I01 I02	I19 353 355 406 121 120 123 124 125 103 118,114,113 116	I09 112 123 117 108 111 306 115 112 110 117	I07 IC107 IC104 IC101 IC105 I01 I02 I03 I04 I05,104,102 I13 I03 I04 I01 I02	I15 I01 I02 I03 I04 I05,104,102 I13 I03 I04 I01 I02	I16 I01 I02 I03 I04 I05,104,102 I13 I03 I04 I01 I02	I13 I01 I02 I03 I04 I05,104,102 I13 I03 I04 I01 I02	I14 I01 I02 I03 I04 I05,104,102 I13 I03 I04 I01 I02
D			334 457 335 391	340 342 344				307 450	401 442 339 445 443	308 309 454 354 351 361,362	341 354 305 121 120 112 115 110 117	123 124 125 103 118,114,113 116	124 125 103 118,114,113 116	104 I01 I02				
ADJ					RV1301	RV1302	RV318	RV303 CT443	CT358	RV301	RV302							
B								33 32	31			18	20	19	11 17	13 12	16 15 14	
TP																		



2730QM

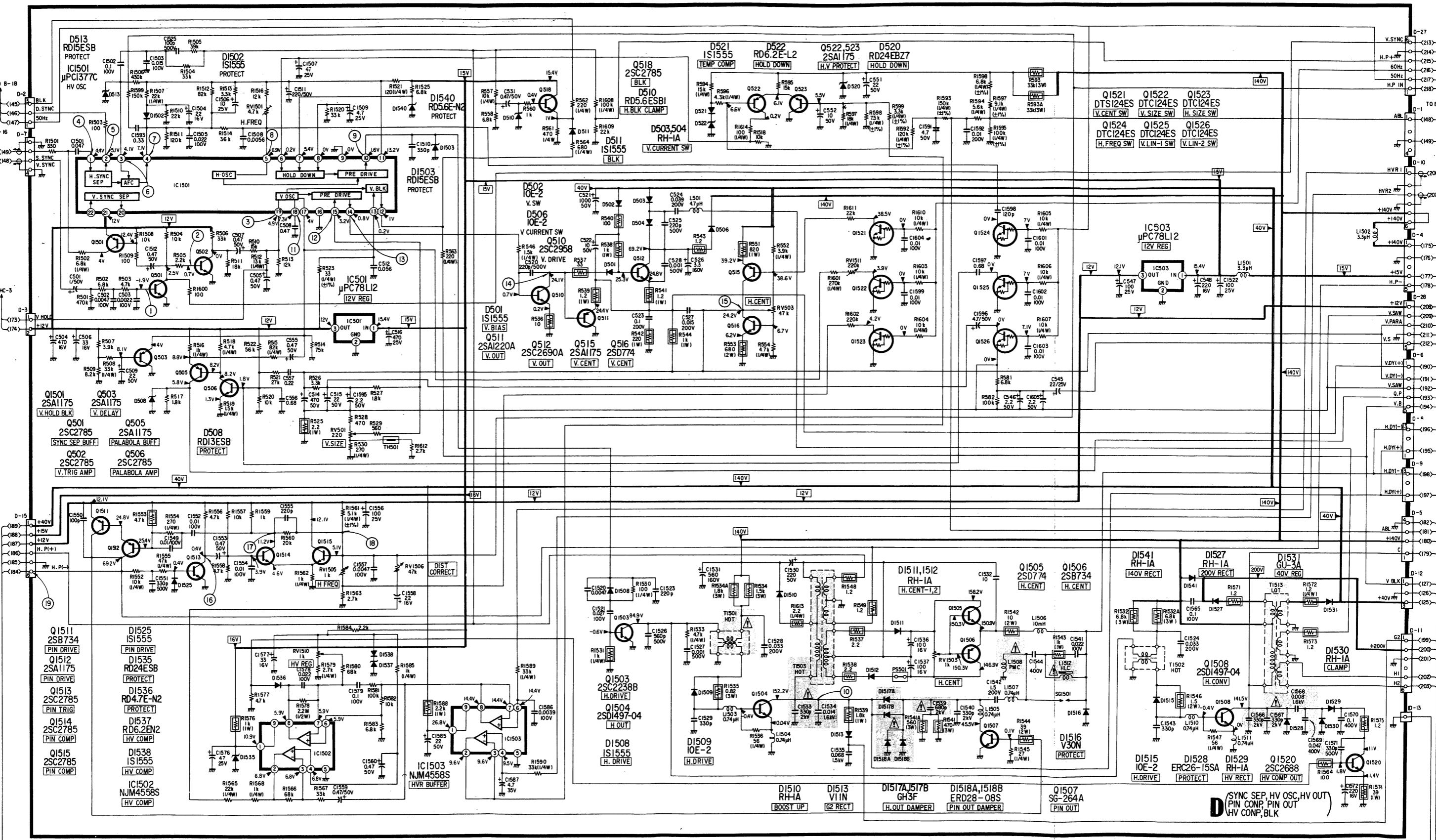
PVM-2730QM
RM-668PVM-2730QM
RM-668

PVM-2730QM
RM-668

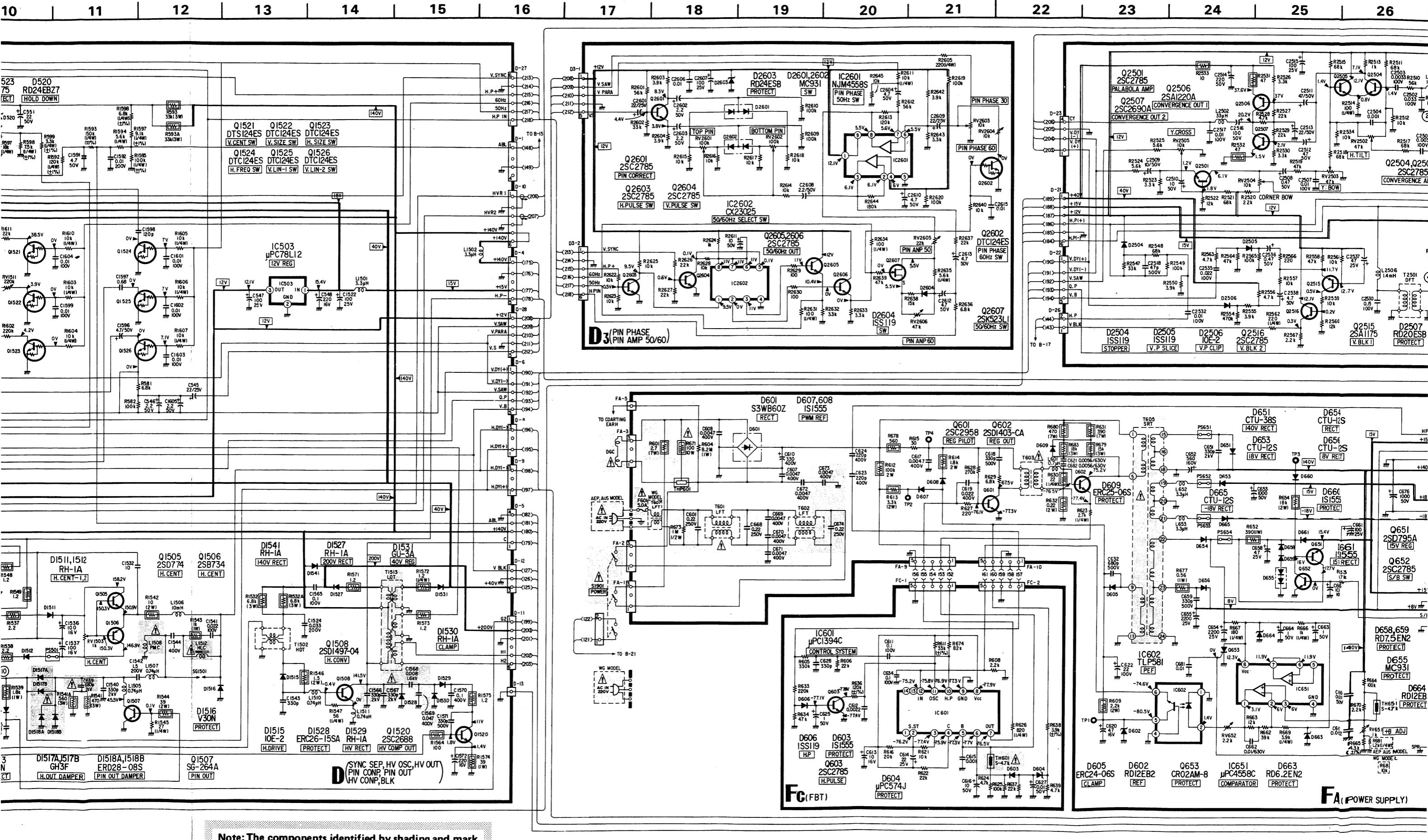
PVM-2730QM
RM-668

PVM-2730QM
RM-668

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16



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

PVM-2730QM
RM-668
PVM-2730QM
RM-668


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

Fc (FBT)

IC601 μ PC1394C
CONTROL SYSTEM

R602 330pF 100V C628 220pF R606 22kΩ 100V

C611 0.01µF 100V C674 33kΩ 100V R608 2.2kΩ

R633 220kΩ 100V R603 0.0047µF 400V C610 330pF 400V

C617 0.0047µF 400V C673 0.0047µF 400V

R678 560Ω 2.7kΩ TP4 R65 330pF 400V R631 390pF 100V

R610 2.7kΩ 100V R679 390pF 100V R632 350pF 100V

R613 3.3kΩ (2W) R601 100Ω 100V R633 350pF 100V

T601 LFT1 R602 100Ω 100V R634 330pF 100V

C601 0.0047µF 250V C669 330pF 400V R629 6.8kΩ 76.5V

C618 330pF 500V R630 100Ω 100V R635 2.7kΩ 77.4V

C619 0.022µF 400V R636 100Ω 100V R637 2.2kΩ 77.3V

C620 0.0047µF 400V R638 2.2kΩ 77.3V R640 100Ω 100V

C621 0.0047µF 400V R639 2.2kΩ 77.3V R641 100Ω 100V

C622 0.0047µF 400V R642 100Ω 100V R643 100Ω 100V

C623 0.0047µF 400V R644 100Ω 100V R645 100Ω 100V

C624 0.0047µF 400V R646 100Ω 100V R647 100Ω 100V

C625 0.0047µF 400V R648 100Ω 100V R649 100Ω 100V

C626 0.0047µF 400V R650 100Ω 100V R651 100Ω 100V

C627 0.0047µF 400V R652 100Ω 100V R653 100Ω 100V

C628 0.0047µF 400V R654 100Ω 100V R655 100Ω 100V

C629 0.0047µF 400V R656 100Ω 100V R657 100Ω 100V

C630 0.0047µF 400V R658 100Ω 100V R659 100Ω 100V

C631 0.0047µF 400V R660 100Ω 100V R661 100Ω 100V

C632 0.0047µF 400V R662 100Ω 100V R663 100Ω 100V

C633 0.0047µF 400V R664 100Ω 100V R665 100Ω 100V

C634 0.0047µF 400V R666 100Ω 100V R667 100Ω 100V

C635 0.0047µF 400V R668 100Ω 100V R669 100Ω 100V

C636 0.0047µF 400V R670 100Ω 100V R671 100Ω 100V

C637 0.0047µF 400V R672 100Ω 100V R673 100Ω 100V

C638 0.0047µF 400V R674 100Ω 100V R675 100Ω 100V

C639 0.0047µF 400V R676 100Ω 100V R677 100Ω 100V

C640 0.0047µF 400V R678 100Ω 100V R679 100Ω 100V

C641 0.0047µF 400V R680 100Ω 100V R681 100Ω 100V

C642 0.0047µF 400V R682 100Ω 100V R683 100Ω 100V

C643 0.0047µF 400V R684 100Ω 100V R685 100Ω 100V

C644 0.0047µF 400V R686 100Ω 100V R687 100Ω 100V

C645 0.0047µF 400V R688 100Ω 100V R689 100Ω 100V

C646 0.0047µF 400V R690 100Ω 100V R691 100Ω 100V

C647 0.0047µF 400V R692 100Ω 100V R693 100Ω 100V

C648 0.0047µF 400V R694 100Ω 100V R695 100Ω 100V

C649 0.0047µF 400V R696 100Ω 100V R697 100Ω 100V

C650 0.0047µF 400V R698 100Ω 100V R699 100Ω 100V

C651 0.0047µF 400V R700 100Ω 100V R701 100Ω 100V

C652 0.0047µF 400V R702 100Ω 100V R703 100Ω 100V

C653 0.0047µF 400V R704 100Ω 100V R705 100Ω 100V

C654 0.0047µF 400V R706 100Ω 100V R707 100Ω 100V

C655 0.0047µF 400V R708 100Ω 100V R709 100Ω 100V

C656 0.0047µF 400V R710 100Ω 100V R711 100Ω 100V

C657 0.0047µF 400V R712 100Ω 100V R713 100Ω 100V

C658 0.0047µF 400V R714 100Ω 100V R715 100Ω 100V

C659 0.0047µF 400V R716 100Ω 100V R717 100Ω 100V

C660 0.0047µF 400V R718 100Ω 100V R719 100Ω 100V

C661 0.0047µF 400V R720 100Ω 100V R721 100Ω 100V

C662 0.0047µF 400V R722 100Ω 100V R723 100Ω 100V

C663 0.0047µF 400V R724 100Ω 100V R725 100Ω 100V

C664 0.0047µF 400V R726 100Ω 100V R727 100Ω 100V

C665 0.0047µF 400V R728 100Ω 100V R729 100Ω 100V

C666 0.0047µF 400V R730 100Ω 100V R731 100Ω 100V

C667 0.0047µF 400V R732 100Ω 100V R733 100Ω 100V

C668 0.0047µF 400V R734 100Ω 100V R735 100Ω 100V

C669 0.0047µF 400V R736 100Ω 100V R737 100Ω 100V

C670 0.0047µF 400V R738 100Ω 100V R739 100Ω 100V

C671 0.0047µF 400V R740 100Ω 100V R741 100Ω 100V

C672 0.0047µF 400V R742 100Ω 100V R743 100Ω 100V

C673 0.0047µF 400V R744 100Ω 100V R745 100Ω 100V

C674 0.0047µF 400V R746 100Ω 100V R747 100Ω 100V

C675 0.0047µF 400V R748 100Ω 100V R749 100Ω 100V

C676 0.0047µF 400V R750 100Ω 100V R751 100Ω 100V

C677 0.0047µF 400V R752 100Ω 100V R753 100Ω 100V

C678 0.0047µF 400V R754 100Ω 100V R755 100Ω 100V

C679 0.0047µF 400V R756 100Ω 100V R757 100Ω 100V

C680 0.0047µF 400V R758 100Ω 100V R759 100Ω 100V

C681 0.0047µF 400V R760 100Ω 100V R761 100Ω 100V

C682 0.0047µF 400V R763 100Ω 100V R764 100Ω 100V

C683 0.0047µF 400V R765 100Ω 100V R766 100Ω 100V

C684 0.0047µF 400V R767 100Ω 100V R768 100Ω 100V

C685 0.0047µF 400V R769 100Ω 100V R770 100Ω 100V

C686 0.0047µF 400V R771 100Ω 100V R772 100Ω 100V

C687 0.0047µF 400V R773 100Ω 100V R774 100Ω 100V

C688 0.0047µF 400V R775 100Ω 100V R776 100Ω 100V

C689 0.0047µF 400V R777 100Ω 100V R778 100Ω 100V

C690 0.0047µF 400V R779 100Ω 100V R780 100Ω 100V

C691 0.0047µF 400V R781 100Ω 100V R782 100Ω 100V

C692 0.0047µF 400V R783 100Ω 100V R784 100Ω 100V

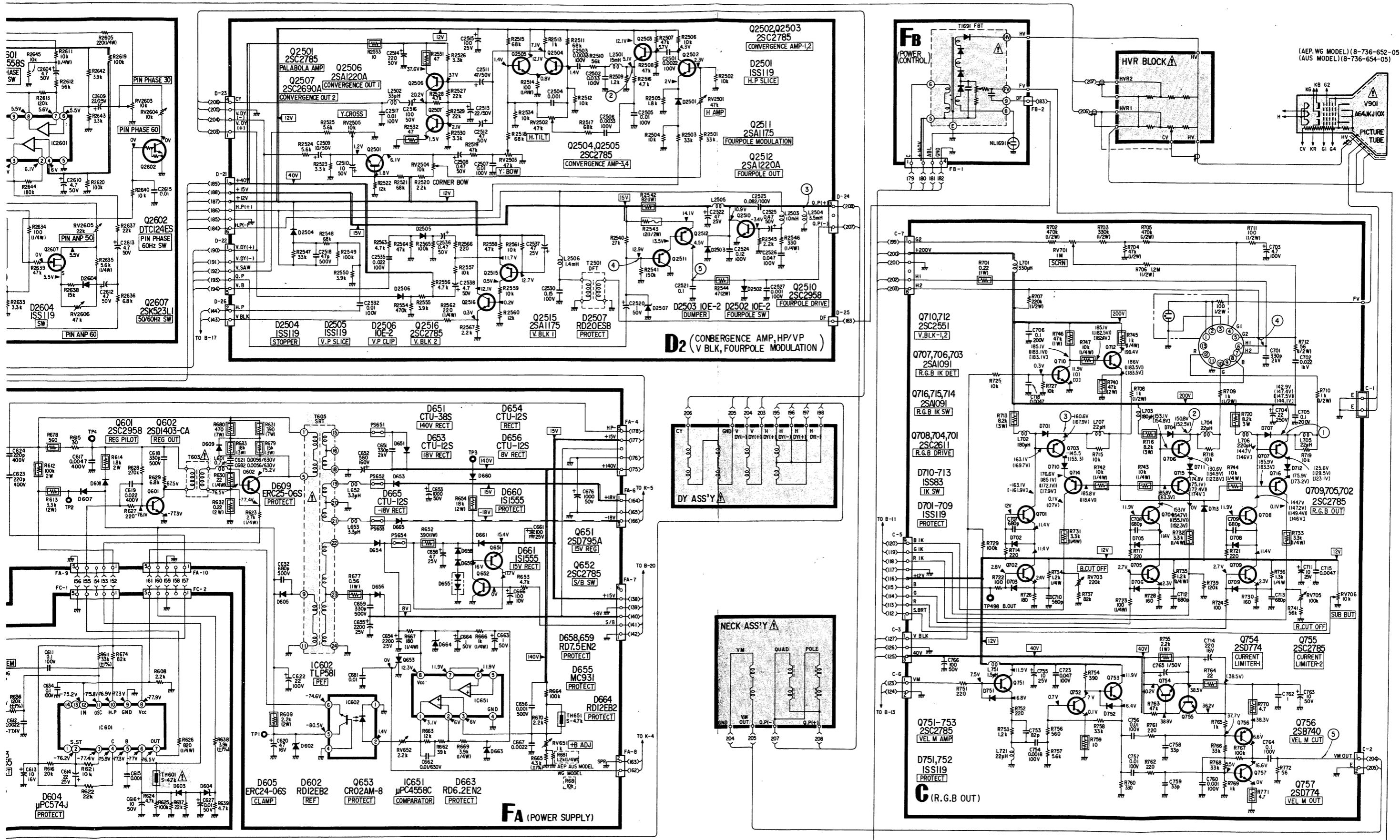
C693 0.0047µF 400V R785 100Ω 100V R786 100Ω 100V

C694 0.0047

PVM-2730QM
RM-668

PVM-2730QM
RM-668

20 | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35**



PVM-2730QM
RM-668

PVM-2730QM
RM-668

— Conductor Side —

(SYNC SEP, H. VOSC, H.V. OUT,
PIN CONP, PIN OUT, H.V. CONP,
BLK)

D

D

FB

(POWER CONTROL)

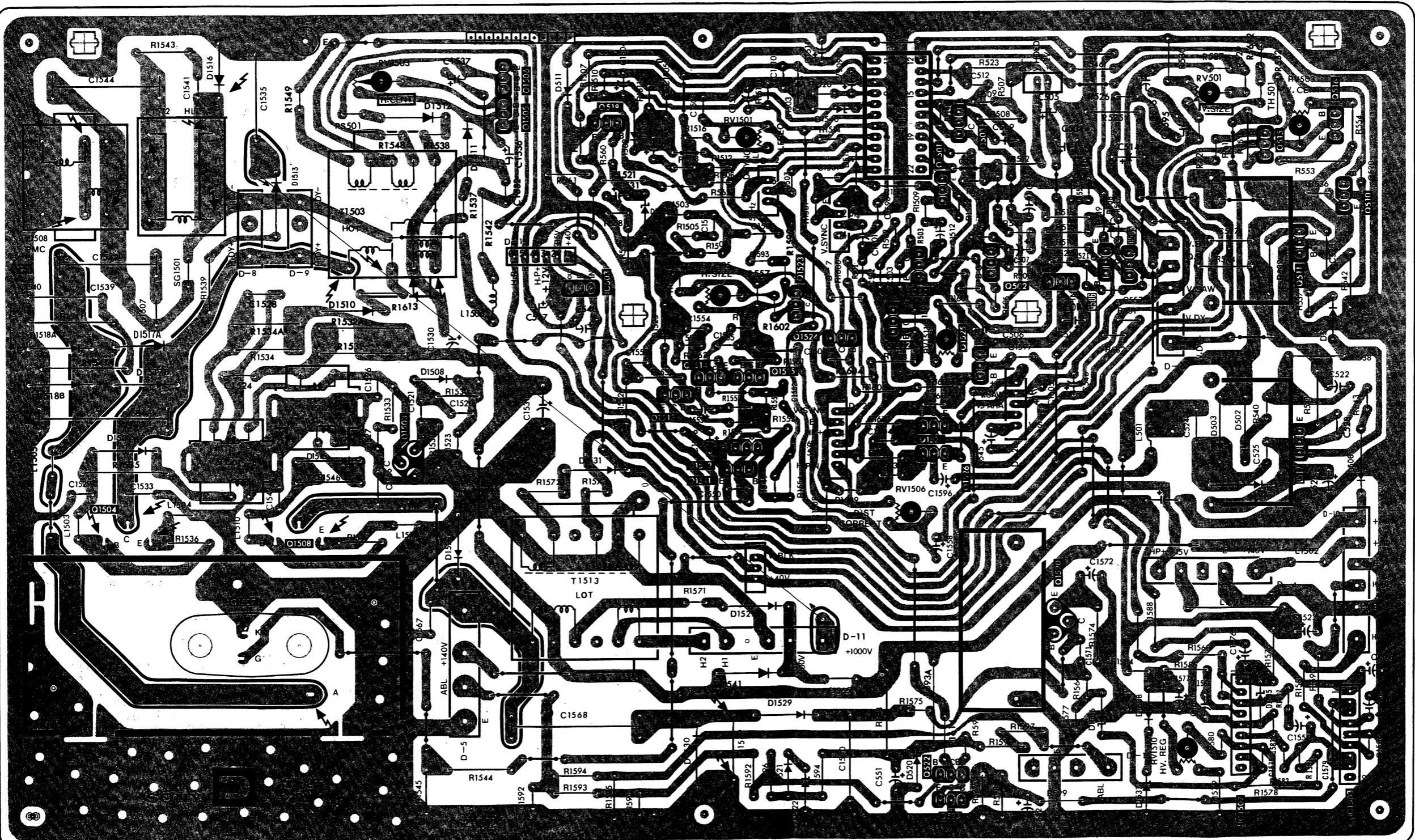
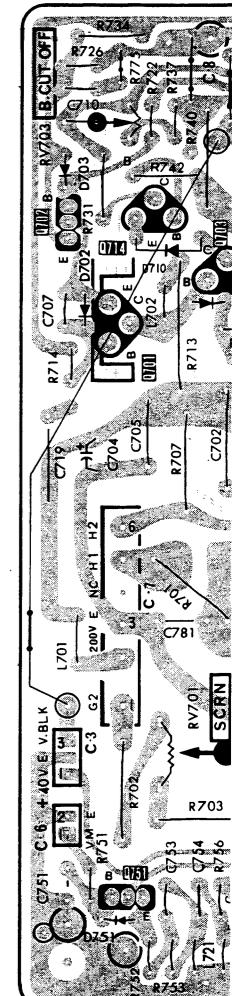
C

FB

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16

- D Board -

- C Board -



-57-

-58-

A-2730QM

C (RGB OUT) **FB**

FB (POWER CONTROL)

9 | 10 | 11 | 12 | 13 | 14

For more information about the study, please contact Dr. Michael J. Hwang at (319) 356-4530 or via email at mhwang@uiowa.edu.

C FB

(CONVERGENCE, VP/HP,
V BLK, FOURPOLE MODULATION) D

2

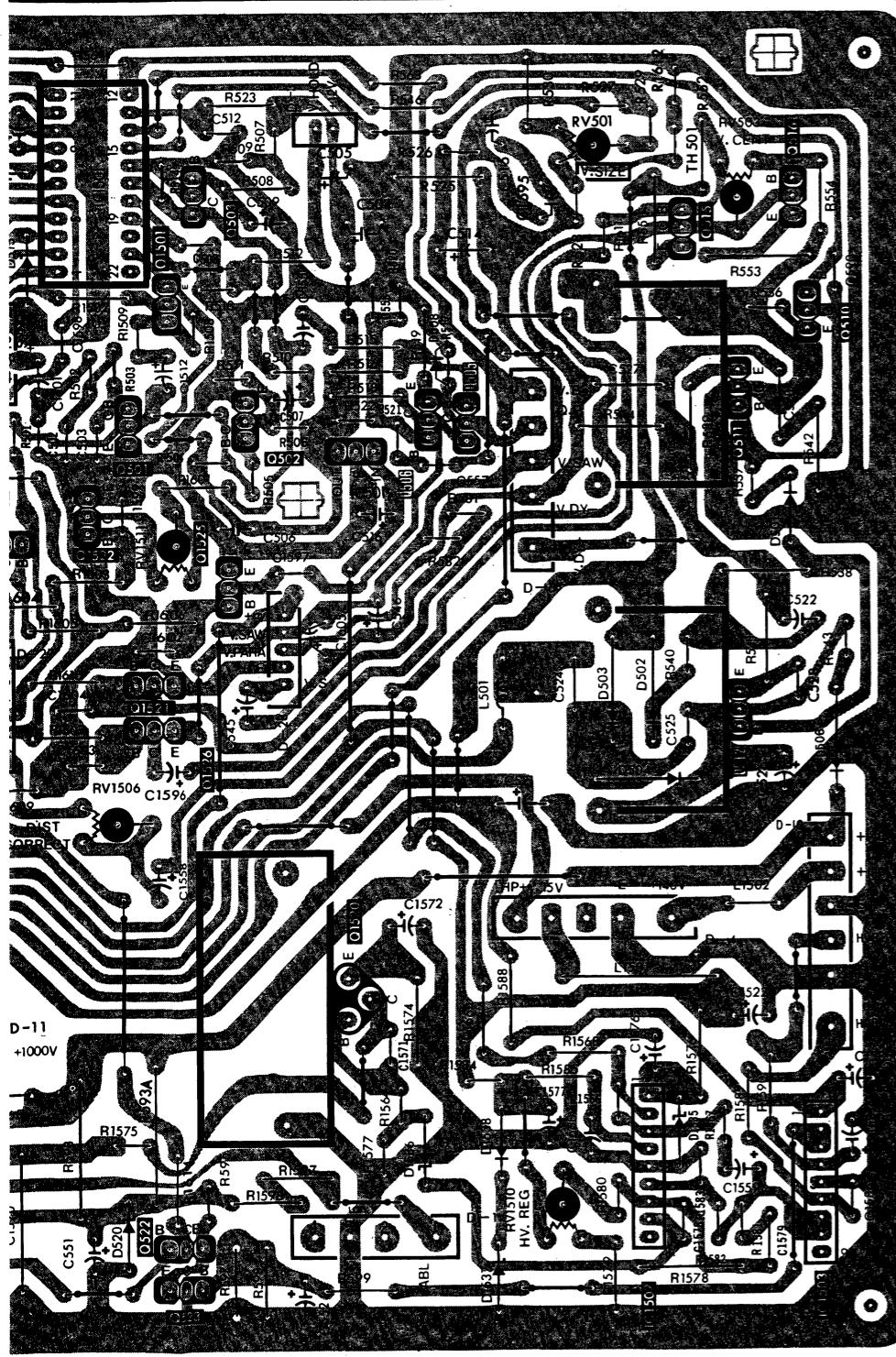
FC

(POWER SUPPLY) **FA**

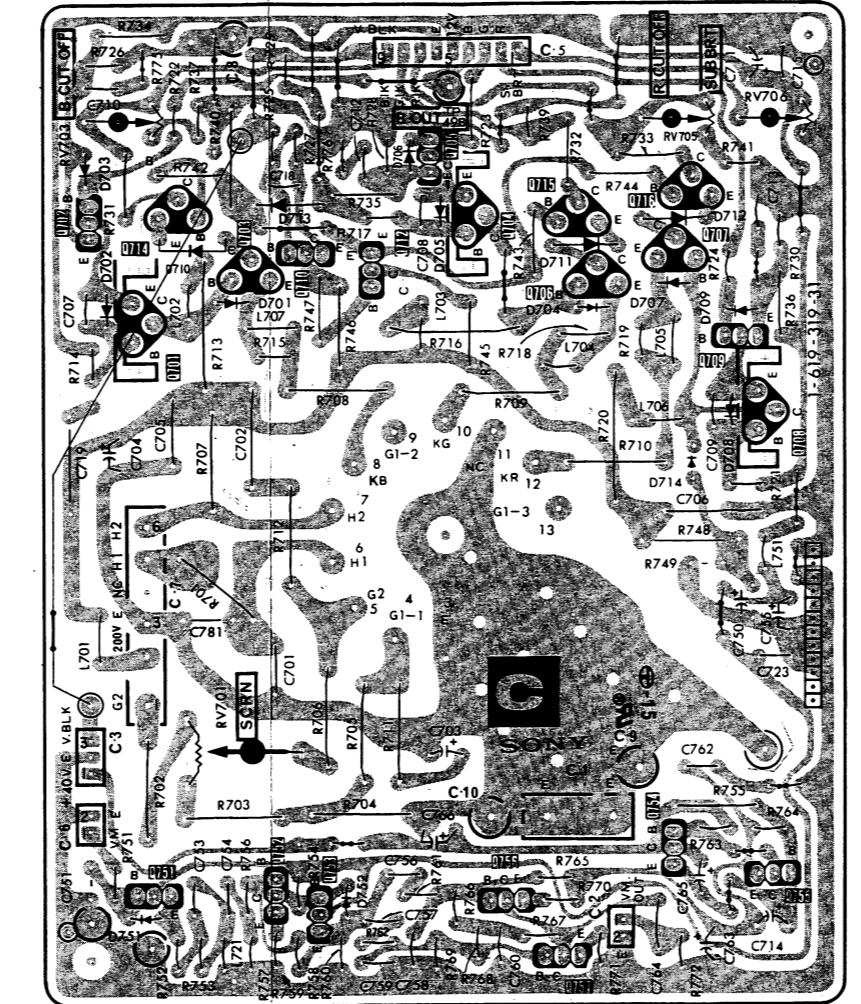
PVM-2730QM
RM-668

PVM-2730QM
RM-668

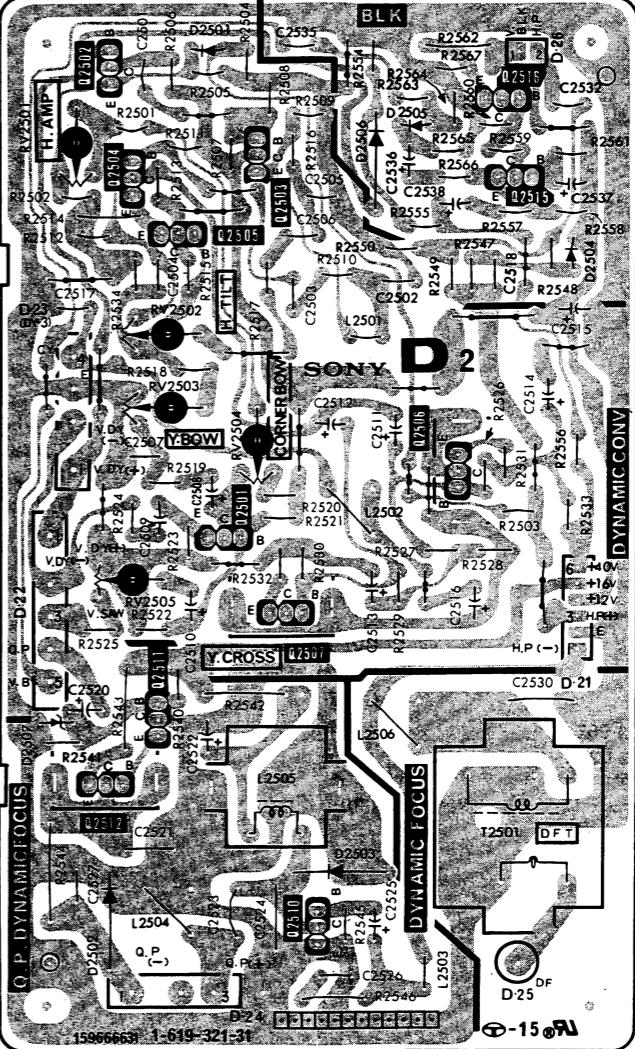
— FA Board —



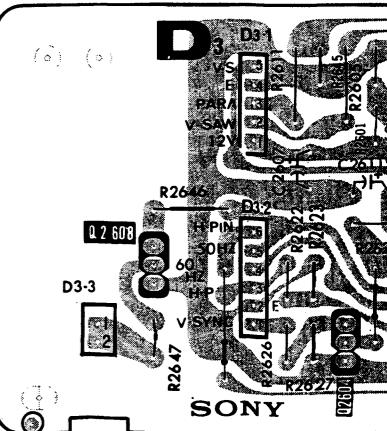
- C Board -



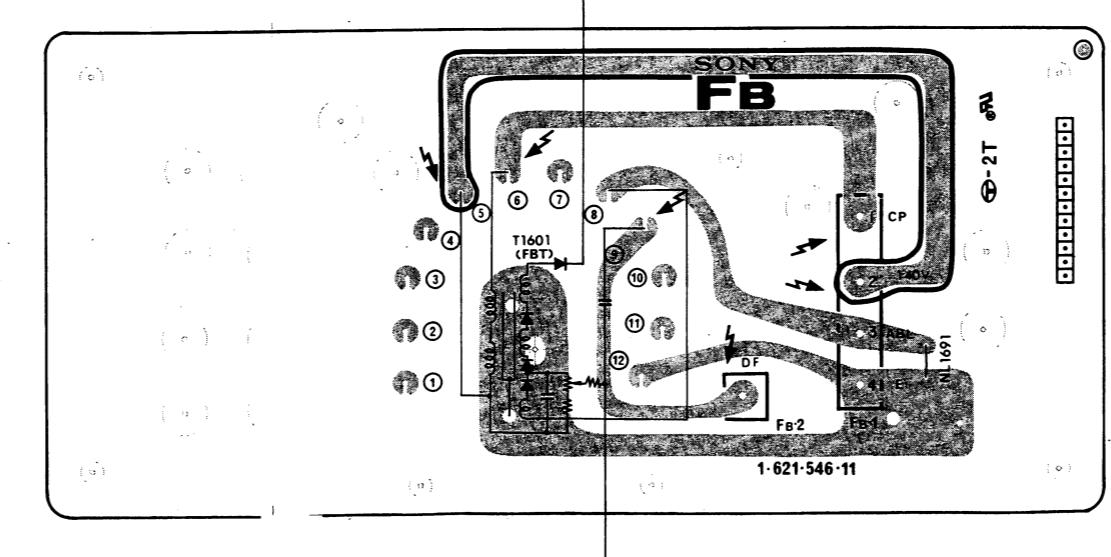
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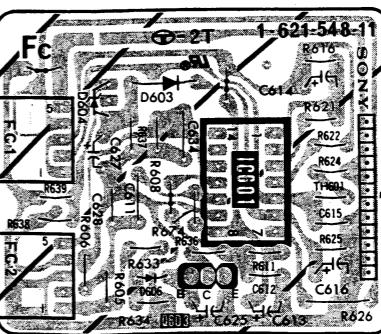
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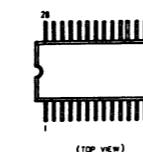
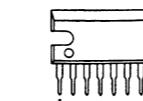
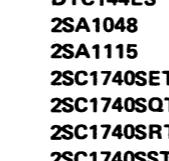
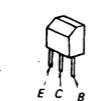
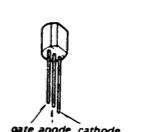
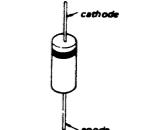
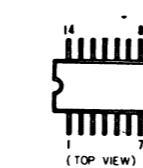
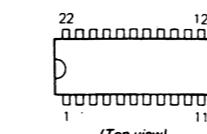
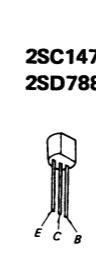
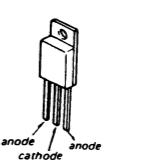
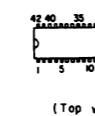
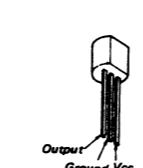
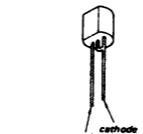
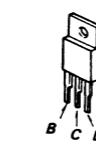
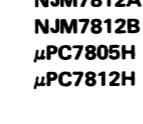
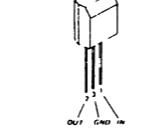
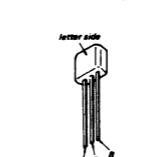
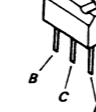
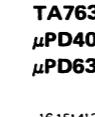
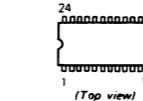
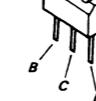
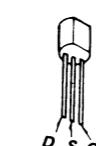
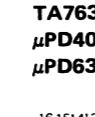
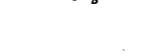


- FB Board -



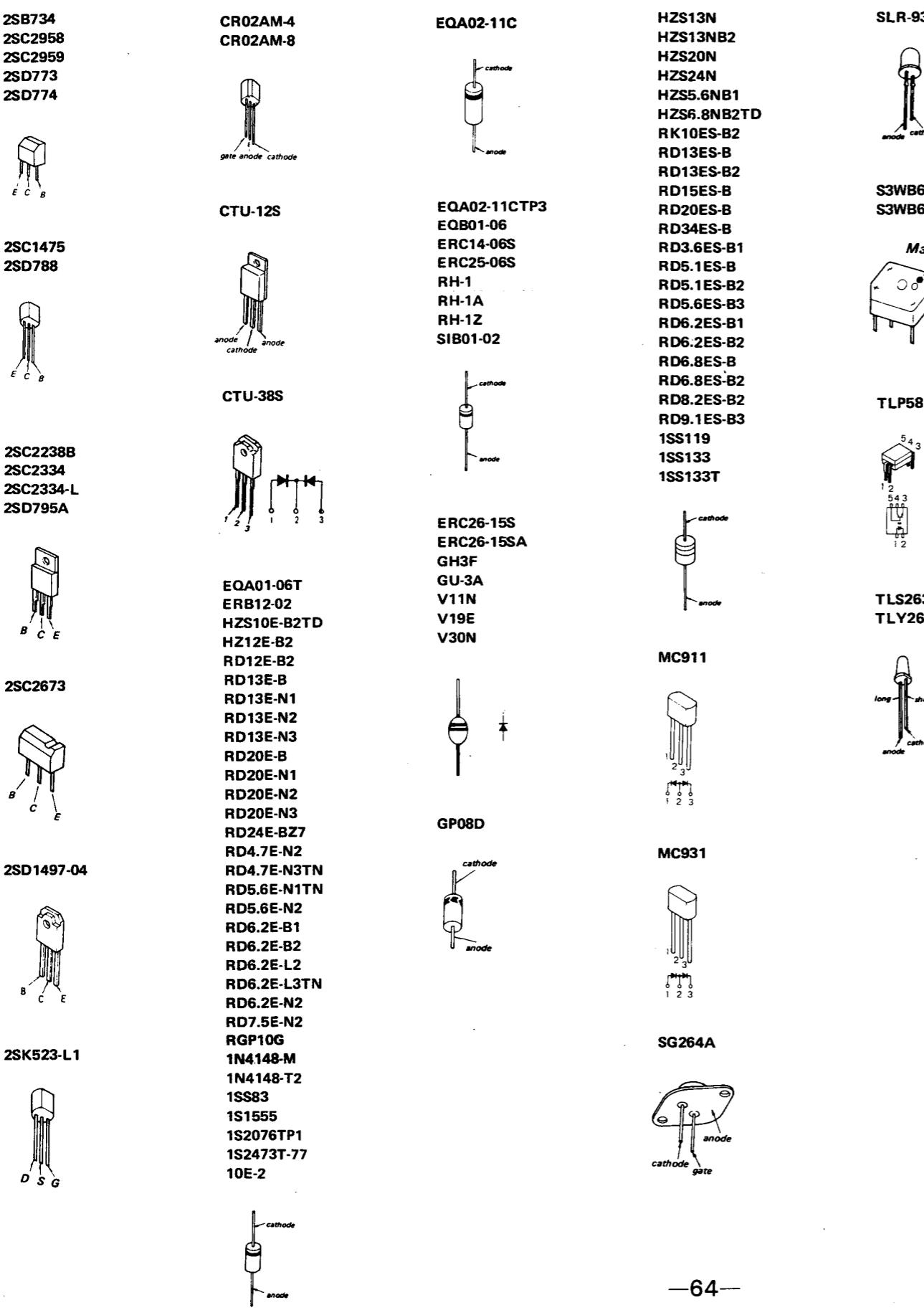
– FC Board –



PVM-2730QM
RM-668**PVM-2730QM**
RM-668**PVM-2730QM**
RM-668**5-5. SEMICONDUCTORS****BA236
LA7910****CX7947****μPC1188H****DTC124ES
DTC144ES****2SB734
2SC2958
2SC2959
2SD773
2SD774****CR02AM-4
CR02AM-8****EQA02-11C****HZS13N****HZS13NB****HZS20N****HZS24N****HZS5.6NE****HZS6.8NE****RK10ES-E****RD13ES-E****RD13ES-E****RD15ES-E****RD20ES-E****RD34ES-E****RD3.6ES-****RD5.1ES-****RH-1****RH-1A****RH-1Z****SIB01-02****RD6.2ES-****RD6.8ES-****RD8.2ES-****RD9.1ES-****1SS119****1SS133****1SS133T****BX1387****MC14073BCP****μPC1377C****2SC1740SET
2SC1740SQT
2SC1740SRT
2SC1740SST****2SC2458
2SC2603
2SC2603E
2SC2603F
2SC2603G****2SC1475
2SD788****CTU-12S****EQA02-11CTP3****EQB01-06****ERC14-06S****ERC25-06S****RH-1****RH-1A****RH-1Z****CXA1001AP****NJM78L12A
TA78L012AP****μPC574J****2SA1091
2SA933S-QT****2SA933S-RT****2SA933S-ST****2SB740****2SC2551****2SD789****2SC2238B
2SC2334****2SC2334-L****2SD795A****CTU-38S****ERC26-15S****ERC26-15SA****GH3F****GU-3A****V11N****V19E****V30N****CSA1024S****NJM7805A
NJM7812A****μPC78L12****2SA1175
2SC2785****2SC2673****EQA01-06T****ERB12-02****HZS10E-B2TD****HZ12E-B2****RD12E-B2****RD13E-B****RD13E-N1****RD13E-N2****RD13E-N3****RD20E-B****RD20E-N1****RD20E-N2****RD20E-N3****RD24E-BZ7****RD4.7E-N2****RD4.7E-N3TN****RD5.6E-N1TN****RD5.6E-N2****RD6.2E-B1****RD6.2E-B2****RD6.2E-L2****RD6.2E-L3TN****RD6.2E-N2****RD7.5E-N2****RGP10G****1N4148-M****1N4148-T2****1SS83****1S1555****1S2076TP1****1S2473T-77****10E-2****CXK1005P****NJM7812B****μPD8243C****2SA1220A
2SC2611****2SC2688****2SC2690A****2SD1497-04****2SK523-L1****SN74LS138N****TC4073BP****μPC1394C****μPD4066BC****μPD4073BC****CX175****SN74LS09N****μPD7508HCU-244****2SA1220A****2SC2611****2SC2688****2SC2690A****letter side****E****C****B****GP08D****TA7630P****μPD4052BC****μPD6326C**

PVM-2730QM
RM-668PVM-2730QM
RM-668PVM-
RM-668

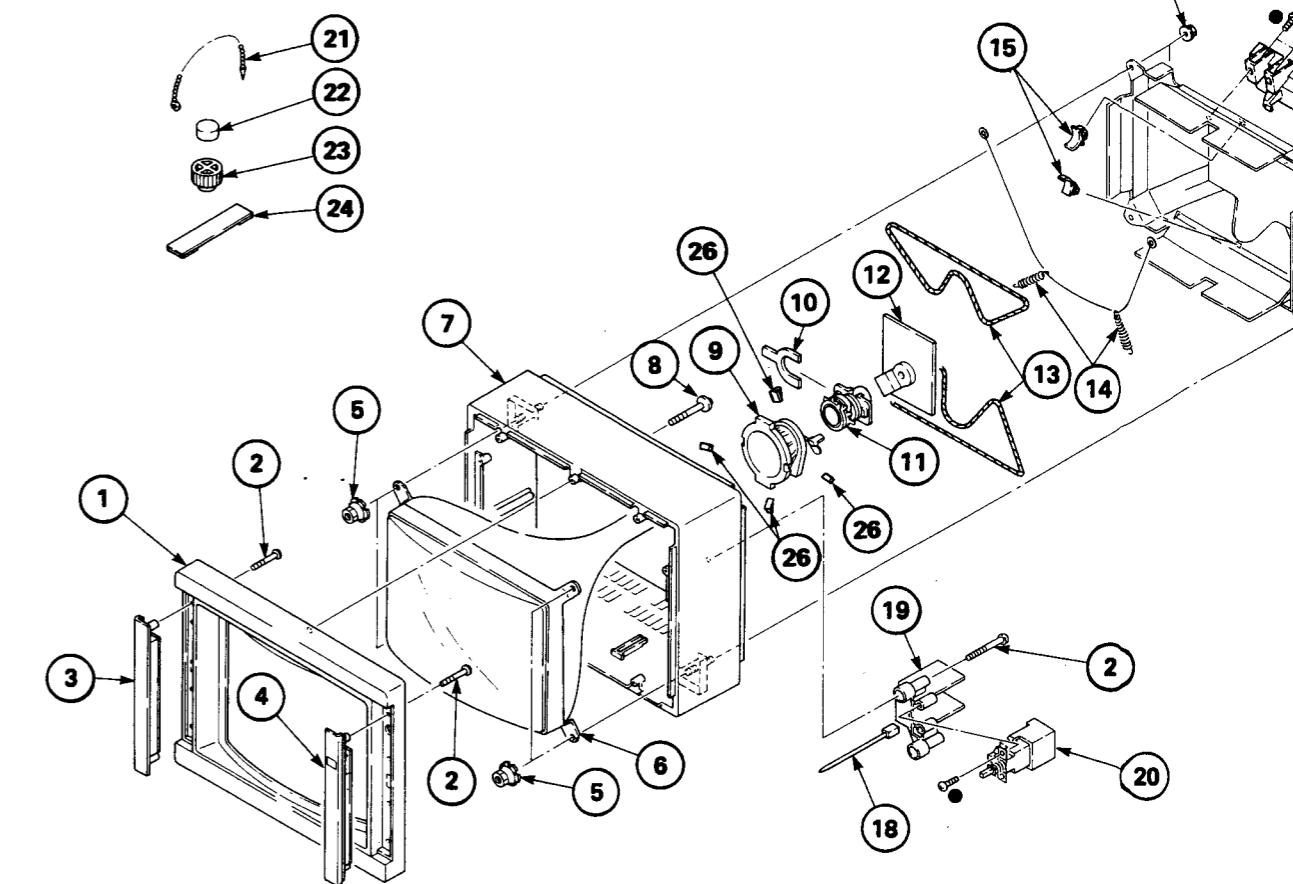
SECTION 6 EXPLODED VIEWS

**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 Δ are critical for safety. Replace only with part number specified.

6-1. PICTURE TUBE

No.	Part No.	Description	Remark	No.	Part No.	Description	
1	X-4374-191-1	BEZEL ASSY		2	14	4-303-774-XX	SPRING
2	3-703-083-00	+ BV 3X25		15	*4-371-629-01	STOPPER, WIRE	
3	1-464-792-12	KEY BOARD UNIT (A)		16	4-306-034-00	ANGLE NUT, (B) 5MM	
4	1-464-793-12	KEY BOARD UNIT (B)		17	Δ 1-230-712-21	RESISTOR ASSY, HIGH-VOLTAGE	
5	4-376-980-01	NUT, SPECIAL, CRT		18	*4-371-182-01	SHAFT	
6	Δ 8-736-652-05	CRT (A64JKJ10X) (AEP,WG ONLY)		19	*4-371-183-01	COVER, MAIN SWITCH	
	Δ 8-736-654-05	CRT (A64JKJ10X) (AUS ONLY)		20	Δ 1-554-966-12	SWITCH, PUSH (AC POWER)(1 KEY)	
7	X-4374-192-1	CABINET ASSY		21	4-308-870-00	CLIP, LEAD WIRE	
8	4-319-520-11	SCREW, SPECIAL (+PW4X30)		22	1-452-032-00	MAGNET, DISK; 10MM Ø	
9	Δ 1-451-255-22	DEFLECTION YOKE (SY-164)		23	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
10	1-452-146-21	MAGNET, BMC		24	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
11	Δ 1-452-351-22	NECK ASSY, CRT (NA302)		25	3-703-003-00	SPACER, DY	
12	*A-1330-789-A	C BOARD, COMPLETE					
13	Δ 1-426-278-21	COIL, DEMAGNETIZATION					

PVM-2730QM
RM-668PVM-2730QM
RM-668

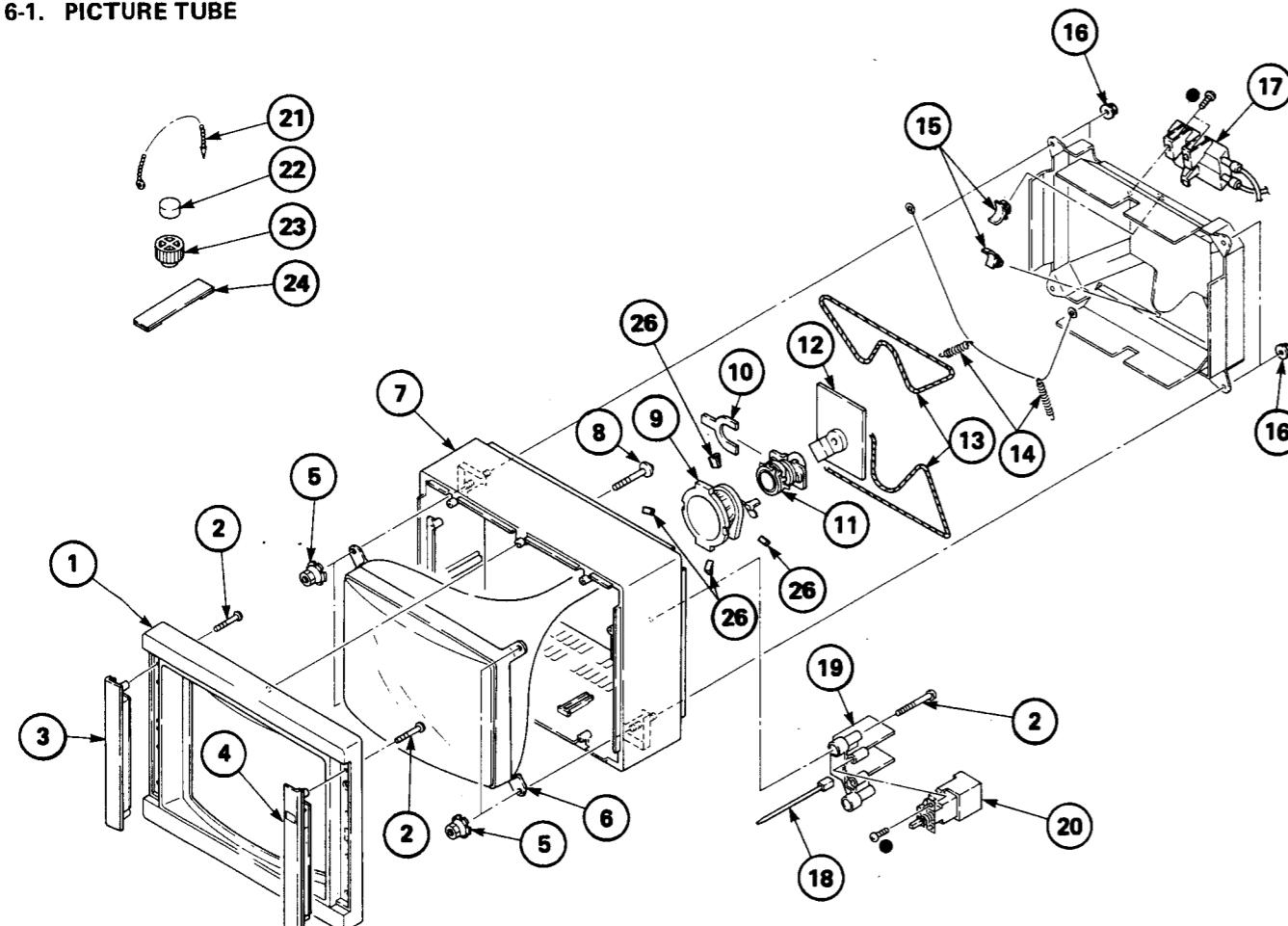
SECTION 6 EXPLODED VIEWS

NOTE:

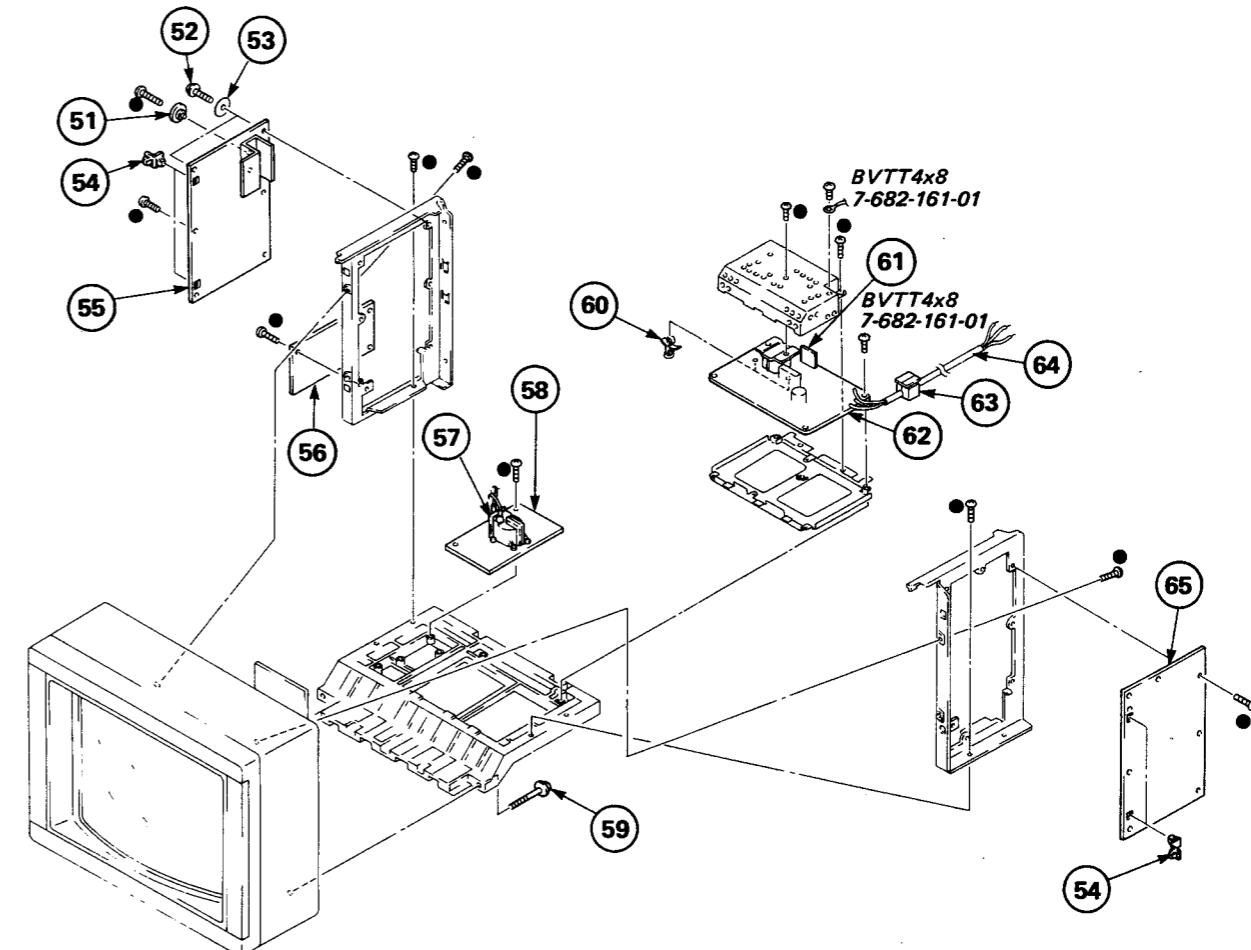
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a callout number in the remark column.

- 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 Δ are critical for safety. Replace only with part number specified.

6-1. PICTURE TUBE**6-2. CHASSIS**

•: BVTP3x12 7-685-648-79



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

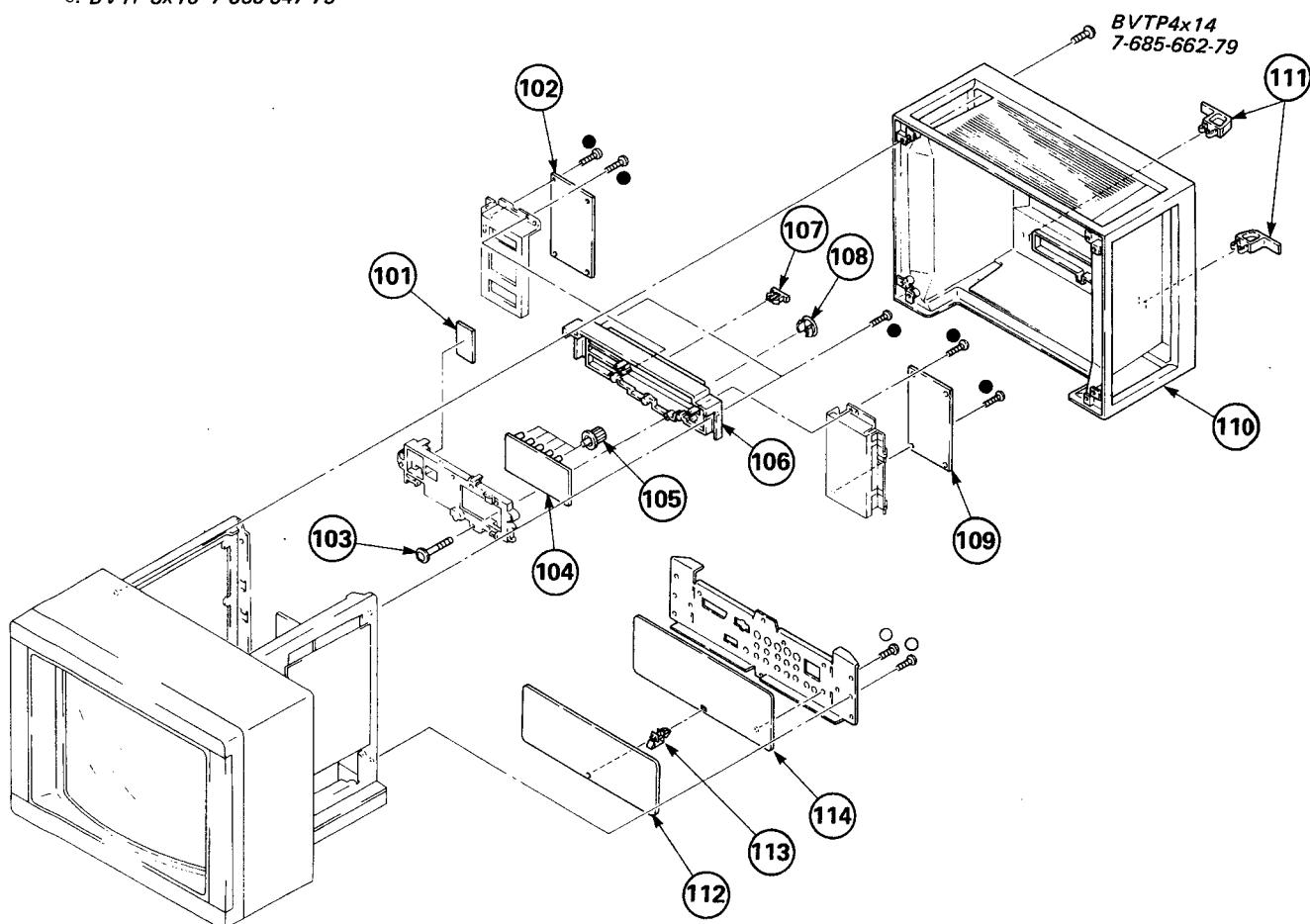
No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	X-4374-191-1	BEZEL ASSY		2	14	4-303-774-XX	SPRING
2	3-703-083-00	+ BV 3X25		15	*4-371-629-01	STOPPER, WIRE	
3	1-464-792-12	KEY BOARD UNIT (A)		16	4-306-034-00	FLANGE NUT, (B) 5MM	
4	1-464-793-12	KEY BOARD UNIT (B)		17	Δ 1-230-712-21	RESISTOR ASSY, HIGH-VOLTAGE	
5	4-376-980-01	NUT, SPECIAL, CRT		18	*4-371-182-01	SHAFT	
6	Δ 8-736-652-05	CRT (A64JKJ10X) (AEP,WG ONLY)		19	*4-371-183-01	COVER, MAIN SWITCH	
7	Δ 8-736-654-05	CRT (A64JKJ10X) (AUS ONLY)		20	Δ 1-554-966-12	SWITCH, PUSH (AC POWER)(1 KEY)	
8	X-4374-192-1	CABINET ASSY		21	4-308-870-00	CLIP, LEAD WIRE	
9	4-319-520-11	SCREW, SPECIAL (+PW4X30)		22	1-452-032-00	MAGNET, DISK; 10MM Ø	
10	Δ 1-451-255-22	DEFLECTION YOKE (SY-164)		23	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
11	1-452-146-21	MAGNET, BMC		24	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
12	Δ 1-452-351-22	NECK ASSY, CRT (NA302)		26	3-703-003-00	SPACER, DY	
13	*A-1330-789-A	C BOARD, COMPLETE					
	Δ 1-426-278-21	COIL, DEMAGNETIZATION					

No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51	3-703-320-00	BUSHING (A), TRANSISTOR (AEP, AUS ONLY)		60	*3-670-570-11	SPACER, SUPPORT (AEP, AUS ONLY)	
52	4-302-428-00	HEAD, WASHER, TAPPING SCREW		61	*1-621-548-11	FC BOARD	
53	4-383-101-01	WASHER (DIA.14)		62	*A-1245-387-A	FA BOARD, COMPLETE (AEP, AUS ONLY)	61
54	*4-313-732-00	CLIP, HINGE, CIRCUIT BOARD		63	*A-1245-411-A	FA BOARD, COMPLETE (WG, ONLY)	61
55	*A-1345-699-A	D BOARD, COMPLETE		64	*4-364-726-01	BUSHING, AC CORD (WG, ONLY)	
56	*A-1340-941-A	D3 BOARD, COMPLETE		65	*4-364-745-01	BUSHING, AC CORD (AEP, AUS ONLY)	
57	Δ 1-439-339-13	TRANSFORMER ASSY, FLYBACK		66	A.	POWER CORD (WG ONLY)	
58	*1-621-546-11	FB BOARD		67	Δ 1-534-820-13	POWER CORD (AEP, AUS ONLY)	
59	4-319-520-11	SCREW, SPECIAL (+PW4X30)		68	*A-1135-442-A	B BOARD, COMPLETE	

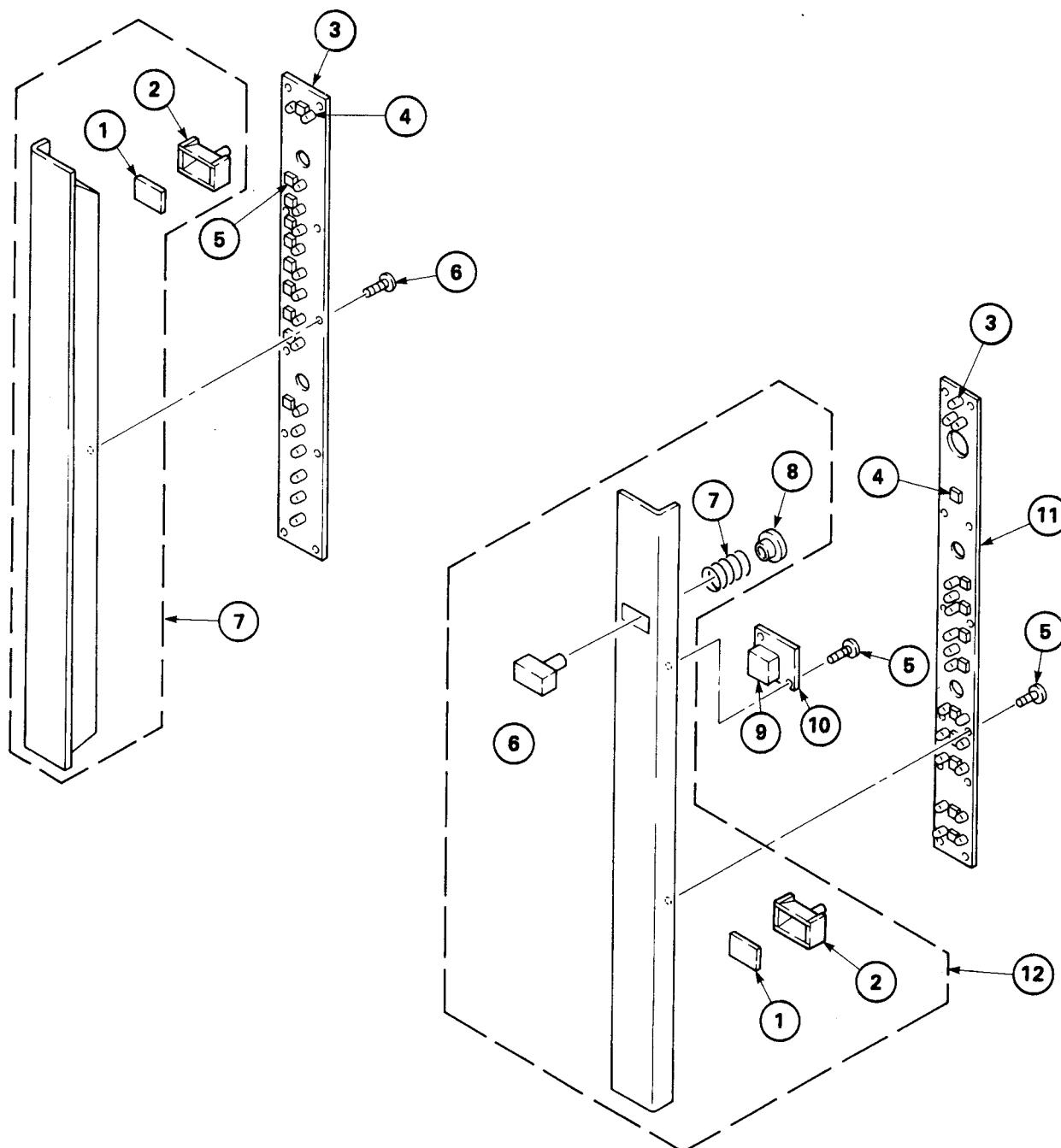
PVM-2730QM
RM-668

6-3. BACK COVER

- : BVTP 3x12 7-685-648-79
- : BVTP 3x10 7-685-647-79



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101	*1-621-541-11	HD BOARD		108	4-371-181-01	CAP	
102	*A-1340-940-A	D2 BOARD, COMPLETE		109	*A-1380-192-A	K BOARD, COMPLETE	
103	4-319-520-11	SCREW, SPECIAL (+PW4X30)		110	X-4374-162-3	COVER ASSY, REAR	
104	*A-1375-066-A	HC BOARD, COMPLETE		111	4-316-003-21	HOLDER, CORD	111
105	4-381-166-01	KNOB (A), CONTROL		112	*A-1270-213-A	QB BOARD, COMPLETE	
106	4-382-005-31	PANEL, CONTROL		113	*3-703-141-00	HOLDER, PCB	
107	4-371-176-01	CAP, SQUARE		114	*A-1270-212-A	QA BOARD, COMPLETE	

PVM-2730QM
 RM-668
6-4. KEY BOARD

No.	Part No.	Description
1	9-990-892-01	ILLUMINATOR A
2	9-990-891-01	REFLECTOR A
3	*9-992-247-01	HA BOARD
4	9-990-895-01	SPACER
5	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)
6	9-990-894-01	TAPPING SCREW
7	9-992-249-01	FRAME ASSY

Remark	No.	Part No.	Description	Remark
	1	9-990-892-01	ILLUMINATOR A	
	2	9-990-891-01	REFLECTOR A	
	3	9-990-895-01	SPACER	
	4	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)	
	5	9-990-894-01	TAPPING SCREW	
1,2	6	9-990-899-01	KEY TOP	
	7	9-990-902-01	COIL SPRING	
	8	9-990-900-01	STOPPER	
	9	8-741-138-70	DETECTOR (BX1387)	
	10	*9-990-898-01	N BOARD	
	11	*9-992-243-01	HB BOARD	
	12	9-992-244-01	FRAME ASSY	1,2,6,7,8

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SECTION 7

ELECTRICAL PARTS LIST

B

NOTE:

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

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

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

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- CAPACITORS RESISTORS COILS
- MF : μF , PF : $\mu\mu\text{F}$ • All resistors are in ohms • MMH : mH, UH : μH
- F : nonflammable

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
*A-1135-442-A	B BOARD, COMPLETE			C139	1-123-356-00	ELECT	10MF 20% 16V
	*****			C140	1-123-356-00	ELECT	10MF 20% 16V
		<u>CONNECTOR</u>		C141	1-123-330-00	ELECT	22MF 20% 16V
B1	*1-566-054-11	PIN, CONNECTOR 2P		C161	1-123-333-00	ELECT	100MF 20% 25V
B2	*1-566-057-11	PIN, CONNECTOR 5P		C162	1-123-321-00	ELECT	220MF 20% 16V
B4	*1-566-055-11	PIN, CONNECTOR 3P		C167	1-101-004-00	CERAMIC	0.01MF 50V
B5	*1-566-059-11	PIN, CONNECTOR 7P		C168	1-123-356-00	ELECT	10MF 20% 16V
B6	*1-566-056-11	PIN, CONNECTOR 4P		C169	1-123-356-00	ELECT	10MF 20% 25V
B7	*1-566-058-11	PIN, CONNECTOR 6P		C170	1-101-004-00	CERAMIC	0.01MF 50V
B8	*1-566-059-11	PIN, CONNECTOR 7P		C171	1-123-356-00	ELECT	10MF 20% 16V
B9	*1-566-061-11	PIN, CONNECTOR 9P		C173	1-101-004-00	CERAMIC	0.01MF 50V
B10	*1-566-065-11	PIN, CONNECTOR 13P		C174	1-101-004-00	CERAMIC	0.01MF 50V
B11	*1-566-061-11	PIN, CONNECTOR 9P		C175	1-101-006-00	CERAMIC	0.047MF 50V
B13	*1-566-054-11	PIN, CONNECTOR 2P		C177	1-119-354-00	ELECT	330MF 10V
B14	*1-566-057-11	PIN, CONNECTOR 5P		C178	1-101-004-00	CERAMIC	0.01MF 50V
B15	*1-508-766-00	4P PLUG (M)		C179	1-101-006-00	CERAMIC	0.047MF 50V
B16	*1-566-056-11	PIN, CONNECTOR 4P		C180	1-123-307-00	ELECT	100MF 20% 10V
B17	*1-566-054-11	PIN, CONNECTOR 2P		C181	1-123-332-00	ELECT	47MF 20% 16V
B18	*1-566-055-11	PIN, CONNECTOR 3P		C182	1-101-006-00	CERAMIC	0.047MF 50V
B19	*1-566-057-11	PIN, CONNECTOR 5P		C183	1-119-352-00	ELECT	100MF 10V
B20	*1-566-058-11	PIN, CONNECTOR 6P		C185	1-123-307-00	ELECT	100MF 20% 10V
B21	*1-566-054-11	PIN, CONNECTOR 2P		C186	1-123-356-00	ELECT	10MF 20% 16V
		<u>CAPACITOR</u>		C187	1-123-330-00	ELECT	22MF 20% 16V
C101	1-123-356-00	ELECT	10MF 20% 16V	C301	1-123-333-00	ELECT	100MF 20% 16V
C103	1-102-973-00	CERAMIC	100PF 5% 50V	C302	1-101-888-00	CERAMIC	68PF 5% 50V
C104	1-123-306-00	ELECT	47MF 20% 10V	C303	1-123-369-00	ELECT	4.7MF 20% 25V
C105	1-136-161-00	FILM	0.047MF 5% 50V	C304	1-123-356-00	ELECT	10MF 20% 16V
C106	1-102-963-00	CERAMIC	33PF 5% 50V	C305	1-110-201-00	MYLAR	0.0033MF 5% 50V
C107	1-102-963-00	CERAMIC	33PF 5% 50V	C306	1-101-006-00	CERAMIC	0.047MF 50V
C108	1-102-978-00	CERAMIC	220PF 5% 50V	C307	1-101-006-00	CERAMIC	0.047MF 50V
C110	1-123-333-00	ELECT	100MF 20% 25V	C308	1-123-381-00	ELECT	2.2MF 20% 50V
C112	1-123-335-00	ELECT	330MF 20% 25V	C309	1-102-946-00	CERAMIC	9PF 0.5PF 50V
C113	1-123-318-00	ELECT	33MF 20% 16V	C310	1-123-356-00	ELECT	10MF 20% 16V
C114	1-123-333-00	ELECT	100MF 20% 25V	C311	1-136-157-00	FILM	0.022MF 5% 50V
C115	1-123-333-00	ELECT	100MF 20% 16V	C312	1-136-157-00	FILM	0.022MF 5% 50V
C116	1-101-006-00	CERAMIC	0.047MF 50V	C313	1-102-074-00	CERAMIC	0.001MF 10% 50V
C118	1-101-004-00	CERAMIC	0.01MF 50V	C314	1-101-006-00	CERAMIC	0.047MF 50V
C119	1-123-330-00	ELECT	22MF 20% 16V	C315	1-101-006-00	CERAMIC	0.047MF 50V
C120	1-123-330-00	ELECT	22MF 20% 25V	C316	1-136-169-00	FILM	0.22MF 5% 50V
C123	1-101-006-00	CERAMIC	0.047MF 50V	C317	1-102-074-00	CERAMIC	0.001MF 10% 50V
C125	1-123-380-00	ELECT	1MF 20% 50V	C322	1-101-006-00	CERAMIC	0.047MF 50V
C126	1-123-380-00	ELECT	1MF 20% 50V	C323	1-124-464-11	ELECT	0.22MF 20% 50V
C127	1-123-380-00	ELECT	1MF 20% 50V	C324	1-124-464-11	ELECT	0.22MF 20% 50V
C128	1-123-380-00	ELECT	1MF 20% 50V	C325	1-123-333-00	ELECT	100MF 20% 16V
C131	1-130-475-00	MYLAR	0.0022MF 5% 50V	C326	1-124-464-11	ELECT	0.22MF 20% 50V
C133	1-123-380-00	ELECT	1MF 20% 50V	C327	1-102-111-00	CERAMIC	270PF 10% 50V
C134	1-123-380-00	ELECT	1MF 20% 50V	C330	1-101-006-00	CERAMIC	0.047MF 50V
C135	1-123-381-00	ELECT	2.2MF 20% 50V	C331	1-123-380-00	ELECT	1MF 20% 50V
C136	1-101-006-00	CERAMIC	0.047MF 50V	C332	1-136-161-00	FILM	0.047MF 5% 50V
C137	1-123-307-00	ELECT	100MF 20% 10V	C333	1-102-959-00	CERAMIC	22PF 5% 50V
C138	1-123-307-00	ELECT	100MF 20% 10V	C334	1-123-380-00	ELECT	1MF 20% 50V
				C335	1-123-307-00	ELECT	100MF 20% 10V
				C336	1-123-318-00	ELECT	33MF 20% 16V
				C337	1-102-112-00	CERAMIC	330PF 10% 50V

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark				
C341	1-123-380-00	ELECT	1MF	20%	50V	C1304	1-123-356-00	ELECT	10MF	20%	16V
C346	1-123-380-00	ELECT	1MF	20%	50V	C1305	1-136-161-00	FILM	0.047MF	5%	50V
C347	1-102-111-00	CERAMIC	270PF	10%	50V	C1306	1-123-380-00	ELECT	1MF	20%	50V
C350	1-123-356-00	ELECT	10MF	20%	16V	C1316	1-123-356-00	ELECT	10MF	20%	25V
C351	1-102-074-00	CERAMIC	0.001MF	10%	50V	C1317	1-123-380-00	ELECT	1MF	20%	50V
C352	1-101-361-00	CERAMIC	150PF	5%	50V	C1318	1-123-380-00	ELECT	1MF	20%	50V
C353	1-102-959-00	CERAMIC	22PF	5%	50V	C1319	1-123-380-00	ELECT	1MF	20%	50V
C354	1-123-380-00	ELECT	1MF	20%	50V	C1320	1-123-382-00	ELECT	3.3MF	20%	50V
C355	1-101-005-00	CERAMIC	0.022MF	50V		C1321	1-123-356-00	ELECT	10MF	20%	25V
C360	1-136-153-00	FILM	0.01MF	5%	50V	C1322	1-101-004-00	CERAMIC	0.01MF	50V	
C381	1-102-074-00	CERAMIC	0.001MF	10%	50V	C1323	1-123-356-00	ELECT	10MF	20%	25V
C382	1-123-332-00	ELECT	47MF	20%	16V	C1324	1-123-332-00	ELECT	47MF	20%	16V
C402	1-136-167-00	FILM	0.15MF	5%	50V	C1325	1-101-006-00	CERAMIC	0.047MF	50V	
C404	1-136-165-00	FILM	0.1MF	5%	50V	C1326	1-101-006-00	CERAMIC	0.047MF	50V	
C405	1-102-806-00	CERAMIC	27PF	5%	50V	C1329	1-123-382-00	ELECT	3.3MF	20%	50V
C406	1-101-890-00	CERAMIC	75PF	5%	50V	C1333	1-136-153-00	FILM	0.01MF	5%	50V
C408	1-123-356-00	ELECT	10MF	20%	16V	C1334	1-101-004-00	CERAMIC	0.01MF	50V	
C410	1-123-356-00	ELECT	10MF	20%	50V	C1336	1-110-203-00	MYLAR	0.0047MF	5%	50V
C411	1-136-161-00	FILM	0.047MF	5%	50V	C1338	1-136-161-00	FILM	0.047MF	5%	50V
C412	1-102-119-00	CERAMIC	0.0015MF	10%	50V	C1339	1-136-153-00	FILM	0.01MF	5%	50V
C413	1-123-380-00	ELECT	1MF	20%	50V	C1341	1-110-203-00	MYLAR	0.0047MF	5%	50V
C414	1-136-173-00	FILM	0.47MF	5%	50V	C1343	1-136-161-00	FILM	0.047MF	5%	50V
C415	1-101-005-00	CERAMIC	0.022MF	50V		C1344	1-136-153-00	FILM	0.01MF	5%	50V
C416	1-123-356-00	ELECT	10MF	20%	16V	C1346	1-110-203-00	MYLAR	0.0047MF	5%	50V
C417	1-123-356-00	ELECT	10MF	20%	16V	C1351	1-123-356-00	ELECT	10MF	20%	25V
C418	1-136-161-00	FILM	0.047MF	5%	50V	C1352	1-123-332-00	ELECT	47MF	20%	16V
C419	1-123-380-00	ELECT	1MF	20%	50V	C1353	1-102-973-00	CERAMIC	100PF	5%	50V
C420	1-101-890-00	CERAMIC	75PF	5%	50V	C1354	1-136-157-00	FILM	0.022MF	5%	50V
C421	1-102-806-00	CERAMIC	27PF	5%	50V	C1355	1-123-380-00	ELECT	1MF	20%	50V
C423	1-136-165-00	FILM	0.1MF	5%	50V	C1356	1-136-165-00	FILM	0.1MF	5%	50V
C424	1-123-356-00	ELECT	10MF	20%	16V	C1357	1-123-380-00	ELECT	1MF	20%	50V
C425	1-102-888-00	CERAMIC	150PF	5%	50V	C1358	1-123-369-00	ELECT	4.7MF	20%	50V
C426	1-101-004-00	CERAMIC	0.01MF	50V		C1359	1-102-820-00	CERAMIC	330PF	5%	50V
C427	1-101-006-00	CERAMIC	0.047MF	50V		C1360	1-102-820-00	CERAMIC	330PF	5%	50V
C428	1-102-121-00	CERAMIC	0.0022MF	10%	50V	C1361	1-102-129-00	CERAMIC	0.01MF	10%	50V
C429	1-136-161-00	FILM	0.047MF	5%	50V	C1362	1-130-475-00	MYLAR	0.0022MF	5%	50V
C430	1-102-971-00	CERAMIC	82PF	5%	50V	C1390	1-101-004-00	CERAMIC	0.01MF	50V	
C434	1-102-112-00	CERAMIC	330PF	10%	50V	C1391	1-123-356-00	ELECT	10MF	20%	16V
C452	1-136-169-00	FILM	0.22MF	5%	50V	C1392	1-123-356-00	ELECT	10MF	20%	16V
C453	1-123-333-00	ELECT	100MF	20%	16V	C1393	1-101-004-00	CERAMIC	0.01MF	50V	
C454	1-102-963-00	CERAMIC	33PF	5%	50V						
C466	1-102-115-00	CERAMIC	560PF	10%	50V						
C470	1-123-333-00	ELECT	100MF	20%	16V	CT358	1-141-181-11	CAP, TRIMMER			
C472	1-123-382-00	ELECT	3.3MF	20%	50V	CT443	1-141-181-11	CAP, TRIMMER			
C473	1-101-361-00	CERAMIC	150PF	5%	50V						
C474	1-102-662-00	CERAMIC	7PF	0.5PF	50V						
C475	1-102-662-00	CERAMIC	7PF	0.5PF	50V	D101	8-719-109-97	DIODE RD6.8ES-B2			
C476	1-102-662-00	CERAMIC	7PF	0.5PF	50V	D102	8-719-109-97	DIODE RD6.8ES-B2			
C477	1-102-662-00	CERAMIC	7PF	0.5PF	50V	D103	8-719-911-19	DIODE ISS119			
C481	1-108-614-91	MYLAR	0.001MF	10%	100V	D104	8-719-109-68	DIODE RD3.6ES-B1			
C482	1-102-820-00	CERAMIC	330PF	5%	50V	D108	8-719-911-19	DIODE ISS119			
C484	1-136-165-00	FILM	0.1MF	5%	50V	D110	8-719-911-19	DIODE ISS119			
C1301	1-101-004-00	CERAMIC	0.01MF	50V		D111	8-719-110-08	DIODE RD8.2ES-B2			
C1302	1-124-656-00	ELECT	2.2MF	20%	50V						

B

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
D112	8-719-911-19	DIODE 1SS119		IC107	8-759-207-07	IC TD62381P	
D113	8-719-911-19	DIODE 1SS119		IC110	8-759-140-66	IC UPD4066BC	
D114	8-719-911-19	DIODE 1SS119		IC121	8-759-171-05	IC UPC7805H	
D115	8-719-109-85	DIODE RD5.1ES-B2		*4-363-146-00	HEAT SINK, V.OUT; IC121		
D116	8-719-109-90	DIODE RD5.6ES-B3		IC122	8-759-700-06	IC NJM7812B	
D117	8-719-911-19	DIODE 1SS119		*4-323-833-00	HEAT SINK, PIN OUT; IC122		
D118	8-719-911-19	DIODE 1SS119		IC301	8-752-030-86	IC CXA1001AP	
D120	8-719-911-19	DIODE 1SS119		IC302	8-752-030-31	IC CXA1024S	
D121	8-719-911-19	DIODE 1SS119		IC311	8-759-240-73	IC TC4073BP	
D123	8-719-911-19	DIODE 1SS119		IC401	8-751-750-00	IC CX175	
D124	8-719-911-19	DIODE 1SS119		IC411	8-759-135-80	IC UPC358C	
D125	8-719-911-19	DIODE 1SS119		IC412	8-759-140-66	IC UPD4066BC	
D126	8-719-109-95	DIODE RD6.8ES-B		<u>COIL</u>			
D127	8-719-109-95	DIODE RD6.8ES-B		L101	1-408-424-00	MICRO INDUCTOR 180UH	
D305	8-719-911-19	DIODE 1SS119		L104	1-408-424-00	MICRO INDUCTOR 180UH	
D306	8-719-911-19	DIODE 1SS119		L105	1-408-424-00	MICRO INDUCTOR 180UH	
D307	8-719-911-19	DIODE 1SS119		L161	1-407-364-00	COIL, SPOOK CHOKE 3.3UH	
D308	8-719-911-19	DIODE 1SS119		L333	1-408-416-00	MICRO INDUCTOR 39UH	
D309	8-719-911-19	DIODE 1SS119		L337	1-408-160-00	MICRO INDUCTOR 15MMH	
D334	8-719-110-15	DIODE RD10ES-B		L405	1-404-496-00	COIL	
D335	8-719-911-19	DIODE 1SS119		L406	1-408-411-00	MICRO INDUCTOR 15UH	
D339	8-719-911-19	DIODE 1SS119		L420	1-408-411-00	MICRO INDUCTOR 15UH	
D340	8-719-911-19	DIODE 1SS119		L421	1-404-496-00	COIL	
D341	8-719-911-19	DIODE 1SS119		L430	1-408-245-00	MICRO INDUCTOR 22MMH	
D342	8-719-110-15	DIODE RD10ES-B		L431	1-408-414-00	MICRO INDUCTOR 27UH	
D343	8-719-110-15	DIODE RD10ES-B		L432	1-408-415-00	MICRO INDUCTOR 33UH	
D344	8-719-110-15	DIODE RD10ES-B		L435	1-408-408-00	MICRO INDUCTOR 8.2UH	
D345	8-719-911-19	DIODE 1SS119		L451	1-404-495-00	COIL	
D351	8-719-911-19	DIODE 1SS119		L452	1-404-495-00	COIL	
D354	8-719-911-19	DIODE 1SS119		L455	1-408-163-00	MICRO INDUCTOR 5.6MMH	
D361	8-719-911-19	DIODE 1SS119		<u>IC LINK</u>			
D362	8-719-911-19	DIODE 1SS119		PS1	1-532-605-00	LINK, IC	
D391	8-719-911-19	DIODE 1SS119		PS2	1-532-637-00	LINK, IC	
D392	8-719-911-19	DIODE 1SS119		<u>TRANSISTOR</u>			
D401	8-719-911-19	DIODE 1SS119		Q101	8-729-117-54	TRANSISTOR 2SA1175	
D442	8-719-911-19	DIODE 1SS119		Q102	8-729-117-54	TRANSISTOR 2SA1175	
D443	8-719-911-19	DIODE 1SS119		Q103	8-729-178-54	TRANSISTOR 2SC2785	
D444	8-719-911-19	DIODE 1SS119		Q104	8-729-178-54	TRANSISTOR 2SC2785	
D445	8-719-911-19	DIODE 1SS119		Q105	8-729-178-54	TRANSISTOR 2SC2785	
D450	8-719-911-19	DIODE 1SS119		Q107	8-729-900-36	TRANSISTOR DTC124ES	
D454	8-719-911-19	DIODE 1SS119		Q108	8-729-178-54	TRANSISTOR 2SC2785	
D457	8-719-911-19	DIODE 1SS119		Q109	8-729-117-54	TRANSISTOR 2SA1175	
<u>DELAY LINE</u>				Q110	8-729-117-54	TRANSISTOR 2SA1175	
DL301	1-415-122-31	DELAY LINE, 1H (PAL)		Q111	8-729-103-43	TRANSISTOR 2SB734	
DL401	1-415-380-11	DELAY LINE, Y		Q112	8-729-178-54	TRANSISTOR 2SC2785	
<u>IC</u>				Q113	8-729-178-54	TRANSISTOR 2SC2785	
IC101	8-759-113-02	IC UPD7508HCU-244		Q114	8-729-178-54	TRANSISTOR 2SC2785	
IC102	8-752-321-18	IC CXK1005P		Q115	8-729-900-36	TRANSISTOR DTC124ES	
IC103	8-759-102-28	IC UPD6326C		Q116	8-729-117-54	TRANSISTOR 2SA1175	
IC104	8-759-182-43	IC UPD8243C					
IC106	8-759-207-07	IC TD62381P					

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<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
Q117	8-729-178-54	TRANSISTOR 2SC2785		Q460	8-729-178-54	TRANSISTOR 2SC2785	
Q118	8-729-117-54	TRANSISTOR 2SA1175		Q461	8-729-178-54	TRANSISTOR 2SC2785	
Q119	8-729-117-54	TRANSISTOR 2SA1175		Q1301	8-729-178-54	TRANSISTOR 2SC2785	
Q121	8-729-133-42	TRANSISTOR 2SC2334-L		Q1302	8-729-178-54	TRANSISTOR 2SC2785	
*4-363-146-00	HEAT SINK, V.OUT; Q121			Q1303	8-729-117-54	TRANSISTOR 2SA1175	
Q122	8-729-117-54	TRANSISTOR 2SA1175		<u>RESISTOR</u>			
Q123	8-729-178-54	TRANSISTOR 2SC2785		R101	1-249-395-11	CARBON	15 5% 1/6W
Q301	8-729-117-54	TRANSISTOR 2SA1175		R102	1-249-395-11	CARBON	15 5% 1/6W
Q309	8-729-178-54	TRANSISTOR 2SC2785		R103	1-249-441-11	CARBON	100K 5% 1/6W
Q310	8-729-117-54	TRANSISTOR 2SA1175		R104	1-249-441-11	CARBON	100K 5% 1/6W
Q311	8-729-177-32	TRANSISTOR 2SD773		R105	1-247-805-00	CARBON	82 5% 1/6W
Q315	8-729-178-54	TRANSISTOR 2SC2785		R106	1-249-413-11	CARBON	470 5% 1/6W
Q316	8-729-178-54	TRANSISTOR 2SC2785		R107	1-249-411-11	CARBON	330 5% 1/6W
Q321	8-729-178-54	TRANSISTOR 2SC2785		R108	1-249-441-11	CARBON	100K 5% 1/6W
Q322	8-729-178-54	TRANSISTOR 2SC2785		R109	1-249-433-11	CARBON	22K 5% 1/6W
Q324	8-729-178-54	TRANSISTOR 2SC2785		R110	1-249-465-11	CARBON	47K 5% 1/4W
Q331	8-729-178-54	TRANSISTOR 2SC2785		R111	1-249-437-11	CARBON	47K 5% 1/6W
Q341	8-729-178-54	TRANSISTOR 2SC2785		R114	1-249-437-11	CARBON	47K 5% 1/6W
Q342	8-729-178-54	TRANSISTOR 2SC2785		R116	1-249-414-11	CARBON	560 5% 1/6W
Q343	8-729-178-54	TRANSISTOR 2SC2785		R117	1-249-429-11	CARBON	10K 5% 1/6W
Q353	8-729-178-54	TRANSISTOR 2SC2785		R118	1-249-429-11	CARBON	10K 5% 1/6W
Q354	8-729-900-36	TRANSISTOR DTC124ES		R119	1-249-429-11	CARBON	10K 5% 1/6W
Q355	8-729-178-54	TRANSISTOR 2SC2785		R121	1-215-867-00	METAL OX IDE	470 5% 1W F
Q357	8-729-117-54	TRANSISTOR 2SA1175		R122	1-249-417-11	CARBON	1K 5% 1/6W
Q358	8-729-900-36	TRANSISTOR DTC124ES		R123	1-216-357-00	METAL OX IDE	4.7 5% 1W F
Q361	8-729-117-54	TRANSISTOR 2SA1175		R124	1-249-433-11	CARBON	22K 5% 1/6W
Q362	8-729-117-54	TRANSISTOR 2SA1175		R125	1-249-435-11	CARBON	33K 5% 1/6W
Q363	8-729-117-54	TRANSISTOR 2SA1175		R126	1-249-431-11	CARBON	15K 5% 1/6W
Q371	8-729-178-54	TRANSISTOR 2SC2785		R127	1-249-417-11	CARBON	1K 5% 1/6W
Q372	8-729-178-54	TRANSISTOR 2SC2785		R128	1-249-434-11	CARBON	27K 5% 1/6W
Q373	8-729-178-54	TRANSISTOR 2SC2785		R129	1-247-717-11	CARBON	2.2K 5% 1/4W
Q374	8-729-178-54	TRANSISTOR 2SC2785		R130	1-247-706-11	CARBON	330 5% 1/4W
Q390	8-729-178-54	TRANSISTOR 2SC2785		R131	1-249-409-11	CARBON	220 5% 1/6W
Q391	8-729-178-54	TRANSISTOR 2SC2785		R132	1-249-409-11	CARBON	220 5% 1/6W
Q392	8-729-178-54	TRANSISTOR 2SC2785		R133	1-249-421-11	CARBON	2.2K 5% 1/6W
Q393	8-729-117-54	TRANSISTOR 2SA1175		R134	1-249-421-11	CARBON	2.2K 5% 1/6W
Q400	8-729-178-54	TRANSISTOR 2SC2785		R135	1-249-437-11	CARBON	47K 5% 1/6W
Q401	8-729-178-54	TRANSISTOR 2SC2785		R136	1-249-417-11	CARBON	1K 5% 1/6W
Q402	8-729-178-54	TRANSISTOR 2SC2785		R137	1-249-421-11	CARBON	2.2K 5% 1/6W
Q403	8-729-117-54	TRANSISTOR 2SA1175		R138	1-249-421-11	CARBON	2.2K 5% 1/6W
Q405	8-729-178-54	TRANSISTOR 2SC2785		R139	1-249-421-11	CARBON	2.2K 5% 1/6W
Q406	8-729-117-54	TRANSISTOR 2SA1175		R140	1-249-421-11	CARBON	2.2K 5% 1/6W
Q407	8-729-178-54	TRANSISTOR 2SC2785		R141	1-247-717-11	CARBON	2.2K 5% 1/4W
Q450	8-729-117-54	TRANSISTOR 2SA1175		R142	1-249-421-11	CARBON	2.2K 5% 1/6W
Q451	8-729-178-54	TRANSISTOR 2SC2785		R143	1-249-429-11	CARBON	10K 5% 1/6W
Q452	8-729-178-54	TRANSISTOR 2SC2785		R144	1-249-429-11	CARBON	10K 5% 1/6W
Q453	8-729-117-54	TRANSISTOR 2SA1175		R145	1-249-437-11	CARBON	47K 5% 1/6W
Q454	8-729-117-54	TRANSISTOR 2SA1175		R146	1-249-425-11	CARBON	4.7K 5% 1/6W
Q455	8-729-178-54	TRANSISTOR 2SC2785		R147	1-249-441-11	CARBON	100K 5% 1/6W
Q456	8-729-117-54	TRANSISTOR 2SA1175		R148	1-249-434-11	CARBON	27K 5% 1/6W
Q457	8-729-178-54	TRANSISTOR 2SC2785		R149	1-249-427-11	CARBON	6.8K 5% 1/6W
Q458	8-729-117-54	TRANSISTOR 2SA1175		R150	1-249-427-11	CARBON	6.8K 5% 1/6W

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R151	1-249-423-11	CARBON	3.3K 5% 1/6W	R310	1-247-722-11	CARBON	5.6K 5% 1/4W
R152	1-249-421-11	CARBON	2.2K 5% 1/6W	R311	1-249-439-11	CARBON	68K 5% 1/6W
R153	1-249-421-11	CARBON	2.2K 5% 1/6W	R312	1-249-439-11	CARBON	68K 5% 1/6W
R154	1-249-421-11	CARBON	2.2K 5% 1/6W	R313	1-249-421-11	CARBON	2.2K 5% 1/6W
R155	1-247-717-11	CARBON	2.2K 5% 1/4W	R314	1-249-409-11	CARBON	220 5% 1/6W
R156	1-249-423-11	CARBON	3.3K 5% 1/6W	R315	1-249-433-11	CARBON	22K 5% 1/6W
R157	1-249-433-11	CARBON	22K 5% 1/6W	R316	1-249-435-11	CARBON	33K 5% 1/6W
R158	1-249-417-11	CARBON	1K 5% 1/6W	R317	1-249-421-11	CARBON	2.2K 5% 1/6W
R159	1-249-418-11	CARBON	1.2K 5% 1/6W	R318	1-249-409-11	CARBON	220 5% 1/6W
R160	1-249-397-11	CARBON	22 5% 1/6W	R319	1-249-433-11	CARBON	22K 5% 1/6W
R161	1-249-397-11	CARBON	22 5% 1/6W	R320	1-249-435-11	CARBON	33K 5% 1/6W
R162	1-249-397-11	CARBON	22 5% 1/6W	R321	1-249-435-11	CARBON	33K 5% 1/6W
R163	1-249-397-11	CARBON	22 5% 1/6W	R322	1-249-429-11	CARBON	10K 5% 1/6W
R164	1-249-397-11	CARBON	22 5% 1/6W	R323	1-249-441-11	CARBON	100K 5% 1/6W
R165	1-247-692-11	CARBON	22 5% 1/4W	R324	1-249-441-11	CARBON	100K 5% 1/6W
R166	1-249-397-11	CARBON	22 5% 1/6W	R326	1-249-441-11	CARBON	100K 5% 1/6W
R167	1-249-397-11	CARBON	22 5% 1/6W	R327	1-249-423-11	CARBON	3.3K 5% 1/6W
R168	1-249-397-11	CARBON	22 5% 1/6W	R328	1-249-423-11	CARBON	3.3K 5% 1/6W
R169	1-249-397-11	CARBON	22 5% 1/6W	R329	1-249-423-11	CARBON	3.3K 5% 1/6W
R170	1-249-397-11	CARBON	22 5% 1/6W	R330	1-249-417-11	CARBON	1K 5% 1/6W
R171	1-249-397-11	CARBON	22 5% 1/6W	R331	1-215-493-00	CARBON	1M 5% 1/6W
R172	1-249-397-11	CARBON	22 5% 1/6W	R332	1-215-479-00	CARBON	270K 5% 1/6W
R173	1-249-397-11	CARBON	22 5% 1/6W	R333	1-249-414-11	CARBON	560 5% 1/6W
R174	1-249-429-11	CARBON	10K 5% 1/6W	R334	1-215-473-00	CARBON	150K 5% 1/6W
R175	1-249-429-11	CARBON	10K 5% 1/6W	R335	1-249-413-11	CARBON	470 5% 1/6W
R176	1-247-725-11	CARBON	10K 5% 1/4W	R336	1-249-409-11	CARBON	220 5% 1/6W
R177	1-249-433-11	CARBON	22K 5% 1/6W	R337	1-249-427-11	CARBON	6.8K 5% 1/6W
R178	1-249-433-11	CARBON	22K 5% 1/6W	R338	1-249-421-11	CARBON	2.2K 5% 1/6W
R179	1-249-425-11	CARBON	4.7K 5% 1/6W	R339	1-249-417-11	CARBON	1K 5% 1/6W
R181	1-249-435-11	CARBON	33K 5% 1/6W	R340	1-249-421-11	CARBON	2.2K 5% 1/6W
R182	1-247-849-00	CARBON	5.6K 5% 1/6W	R341	1-249-422-11	CARBON	2.7K 5% 1/6W
R183	1-249-433-11	CARBON	22K 5% 1/6W	R342	1-249-428-11	CARBON	8.2K 5% 1/6W
R184	1-249-435-11	CARBON	33K 5% 1/6W	R343	1-249-433-11	CARBON	22K 5% 1/6W
R185	1-247-713-11	CARBON	1K 5% 1/4W	R345	1-249-439-11	CARBON	68K 5% 1/6W
R186	1-249-417-11	CARBON	1K 5% 1/6W	R346	1-247-849-00	CARBON	5.6K 5% 1/6W
R187	1-249-417-11	CARBON	1K 5% 1/6W	R350	1-249-413-11	CARBON	470 5% 1/6W
R188	1-249-417-11	CARBON	1K 5% 1/6W	R351	1-249-405-11	CARBON	100 5% 1/6W
R189	1-249-417-11	CARBON	1K 5% 1/6W	R352	1-249-433-11	CARBON	22K 5% 1/6W
R190	1-249-417-11	CARBON	1K 5% 1/6W	R353	1-249-420-11	CARBON	1.8K 5% 1/6W
R191	1-249-414-11	CARBON	560 5% 1/6W	R354	1-249-435-11	CARBON	33K 5% 1/6W
R192	1-249-417-11	CARBON	1K 5% 1/6W	R355	1-249-433-11	CARBON	22K 5% 1/6W
R193	1-249-423-11	CARBON	3.3K 5% 1/6W	R356	1-249-437-11	CARBON	47K 5% 1/6W
R194	1-249-423-11	CARBON	3.3K 5% 1/6W	R357	1-249-430-11	CARBON	12K 5% 1/6W
R195	1-249-421-11	CARBON	2.2K 5% 1/6W	R358	1-249-435-11	CARBON	33K 5% 1/6W
R196	1-249-414-11	CARBON	560 5% 1/6W	R359	1-215-473-00	CARBON	150K 5% 1/6W
R197	1-249-421-11	CARBON	2.2K 5% 1/6W	R360	1-247-708-11	CARBON	470 5% 1/4W
R198	1-249-405-11	CARBON	100 5% 1/6W	R361	1-249-417-11	CARBON	1K 5% 1/6W
R199	1-249-417-11	CARBON	1K 5% 1/6W	R362	1-249-429-11	CARBON	10K 5% 1/6W
R303	1-249-469-11	CARBON	100K 5% 1/4W	R363	1-249-417-11	CARBON	1K 5% 1/6W
R304	1-249-436-11	CARBON	39K 5% 1/6W	R364	1-249-412-11	CARBON	390 5% 1/6W
R305	1-215-473-00	CARBON	150K 5% 1/6W	R365	1-247-723-11	CARBON	6.8K 5% 1/4W
R306	1-249-435-11	CARBON	33K 5% 1/6W	R366	1-215-481-00	CARBON	330K 5% 1/6W
R308	1-249-409-11	CARBON	220 5% 1/6W	R367	1-249-437-11	CARBON	47K 5% 1/6W

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R368	1-249-428-11	CARBON	8.2K 5% 1/6W	R435	1-249-417-11	CARBON	1K 5% 1/6W
R370	1-249-419-11	CARBON	1.5K 5% 1/6W	R436	1-249-421-11	CARBON	2.2K 5% 1/6W
R371	1-249-435-11	CARBON	33K 5% 1/6W	R437	1-249-431-11	CARBON	15K 5% 1/6W
R372	1-249-441-11	CARBON	100K 5% 1/6W	R438	1-249-431-11	CARBON	15K 5% 1/6W
R373	1-249-435-11	CARBON	33K 5% 1/6W	R439	1-249-418-11	CARBON	1.2K 5% 1/6W
R374	1-249-435-11	CARBON	33K 5% 1/6W	R440	1-249-417-11	CARBON	1K 5% 1/6W
R375	1-249-423-11	CARBON	3.3K 5% 1/6W	R441	1-249-420-11	CARBON	1.8K 5% 1/6W
R377	1-249-409-11	CARBON	220 5% 1/6W	R442	1-249-421-11	CARBON	2.2K 5% 1/6W
R378	1-249-414-11	CARBON	560 5% 1/6W	R443	1-249-408-11	CARBON	180 5% 1/6W
R379	1-249-429-11	CARBON	10K 5% 1/6W	R444	1-249-439-11	CARBON	68K 5% 1/6W
R380	1-249-437-11	CARBON	47K 5% 1/6W	R445	1-249-431-11	CARBON	15K 5% 1/6W
R381	1-249-440-11	CARBON	82K 5% 1/6W	R446	1-249-417-11	CARBON	1K 5% 1/6W
R382	1-249-438-11	CARBON	56K 5% 1/6W	R447	1-249-414-11	CARBON	560 5% 1/6W
R383	1-215-479-00	CARBON	270K 5% 1/6W	R448	1-249-393-11	CARBON	10 5% 1/6W
R384	1-249-425-11	CARBON	4.7K 5% 1/6W	R449	1-249-418-11	CARBON	1.2K 5% 1/6W
R385	1-249-414-11	CARBON	560 5% 1/6W	R450	1-249-419-11	CARBON	1.5K 5% 1/6W
R386	1-249-429-11	CARBON	10K 5% 1/6W	R451	1-249-420-11	CARBON	1.8K 5% 1/6W
R387	1-249-417-11	CARBON	1K 5% 1/6W	R452	1-249-393-11	CARBON	10 5% 1/6W
R388	1-215-483-00	CARBON	390K 5% 1/6W	R453	1-249-419-11	CARBON	1.5K 5% 1/6W
R389	1-249-433-11	CARBON	22K 5% 1/6W	R454	1-249-419-11	CARBON	1.5K 5% 1/6W
R390	1-249-433-11	CARBON	22K 5% 1/6W	R456	1-249-409-11	CARBON	220 5% 1/6W
R391	1-249-437-11	CARBON	47K 5% 1/6W	R457	1-249-435-11	CARBON	33K 5% 1/6W
R392	1-249-431-11	CARBON	15K 5% 1/6W	R458	1-249-425-11	CARBON	4.7K 5% 1/6W
R393	1-249-435-11	CARBON	33K 5% 1/6W	R460	1-249-436-11	CARBON	39K 5% 1/6W
R394	1-249-429-11	CARBON	10K 5% 1/6W	R461	1-249-431-11	CARBON	15K 5% 1/6W
R395	1-247-895-00	CARBON	470K 5% 1/6W	R462	1-249-421-11	CARBON	2.2K 5% 1/6W
R396	1-249-419-11	CARBON	1.5K 5% 1/6W	R463	1-249-422-11	CARBON	2.7K 5% 1/6W
R398	1-249-420-11	CARBON	1.8K 5% 1/6W	R464	1-249-409-11	CARBON	220 5% 1/6W
R401	1-249-412-11	CARBON	390 5% 1/6W	R465	1-249-435-11	CARBON	33K 5% 1/6W
R402	1-247-717-11	CARBON	2.2K 5% 1/4W	R466	1-247-721-11	CARBON	4.7K 5% 1/4W
R403	1-249-427-11	CARBON	6.8K 5% 1/6W	R467	1-247-866-00	CARBON	30K 5% 1/6W
R404	1-249-429-11	CARBON	10K 5% 1/6W	R468	1-249-429-11	CARBON	10K 5% 1/6W
R406	1-249-412-11	CARBON	390 5% 1/6W	R470	1-249-420-11	CARBON	1.8K 5% 1/6W
R410	1-249-422-11	CARBON	2.7K 5% 1/6W	R471	1-249-425-11	CARBON	4.7K 5% 1/6W
R411	1-215-489-00	CARBON	680K 5% 1/6W	R472	1-249-420-11	CARBON	1.8K 5% 1/6W
R412	1-249-417-11	CARBON	1K 5% 1/6W	R473	1-249-425-11	CARBON	4.7K 5% 1/6W
R413	1-249-425-11	CARBON	4.7K 5% 1/6W	R474	1-249-417-11	CARBON	1K 5% 1/6W
R414	1-249-438-11	CARBON	56K 5% 1/6W	R475	1-249-405-11	CARBON	100 5% 1/6W
R415	1-249-429-11	CARBON	10K 5% 1/6W	R476	1-249-416-11	CARBON	820 5% 1/6W
R418	1-247-720-11	CARBON	3.9K 5% 1/4W	R477	1-249-413-11	CARBON	470 5% 1/6W
R419	1-249-429-11	CARBON	10K 5% 1/6W	R478	1-249-421-11	CARBON	2.2K 5% 1/6W
R420	1-249-412-11	CARBON	390 5% 1/6W	R479	1-249-421-11	CARBON	2.2K 5% 1/6W
R421	1-249-438-11	CARBON	56K 5% 1/6W	R480	1-249-429-11	CARBON	10K 5% 1/6W
R422	1-249-427-11	CARBON	6.8K 5% 1/6W	R481	1-249-429-11	CARBON	10K 5% 1/6W
R425	1-249-408-11	CARBON	180 5% 1/6W	R482	1-249-421-11	CARBON	2.2K 5% 1/6W
R426	1-249-435-11	CARBON	33K 5% 1/6W	R483	1-249-421-11	CARBON	2.2K 5% 1/6W
R427	1-249-423-11	CARBON	3.3K 5% 1/6W	R484	1-249-433-11	CARBON	22K 5% 1/6W
R429	1-249-429-11	CARBON	10K 5% 1/6W	R485	1-249-417-11	CARBON	1K 5% 1/6W
R430	1-249-423-11	CARBON	3.3K 5% 1/6W	R486	1-249-435-11	CARBON	33K 5% 1/6W
R431	1-249-425-11	CARBON	4.7K 5% 1/6W	R487	1-249-435-11	CARBON	33K 5% 1/6W
R432	1-249-428-11	CARBON	8.2K 5% 1/6W	R488	1-249-435-11	CARBON	33K 5% 1/6W
R433	1-249-428-11	CARBON	8.2K 5% 1/6W	R1100	1-249-405-11	CARBON	100 5% 1/6W
R434	1-249-418-11	CARBON	1.2K 5% 1/6W	R1101	1-249-437-11	CARBON	47K 5% 1/6W

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	
R1102	1-249-429-11	CARBON	10K 5% 1/6W	R1366	1-249-422-11	CARBON	2.7K 5% 1/6W	
R1105	1-249-431-11	CARBON	15K 5% 1/6W	R1367	1-202-730-00	SOLID	8.2M 10% 1/2W	
R1106	1-249-399-11	CARBON	33 5% 1/6W	R1368	1-249-411-11	CARBON	330 5% 1/6W	
R1107	1-249-437-11	CARBON	47K 5% 1/6W	R1369	1-249-413-11	CARBON	470 5% 1/6W	
R1108	1-249-405-11	CARBON	100 5% 1/6W	R1370	1-249-409-11	CARBON	220 5% 1/6W	
R1109	1-249-429-11	CARBON	10K 5% 1/6W	R1371	1-249-413-11	CARBON	470 5% 1/6W	
R1110	1-249-430-11	CARBON	12K 5% 1/6W	R1375	1-249-425-11	CARBON	4.7K 5% 1/6W	
R1111	1-249-437-11	CARBON	47K 5% 1/6W	R1376	1-215-479-00	CARBON	270K 5% 1/6W	
R1112	1-249-441-11	CARBON	100K 5% 1/6W	R1377	1-249-434-11	CARBON	27K 5% 1/6W	
R1113	1-249-409-11	CARBON	220 5% 1/6W	R1378	1-249-410-11	CARBON	270 5% 1/6W	
R1114	1-249-393-11	CARBON	10 5% 1/6W	R1379	1-249-405-11	CARBON	100 5% 1/6W	
R1115	1-249-425-11	CARBON	4.7K 5% 1/6W	R1381	1-249-434-11	CARBON	27K 5% 1/6W	
R1304	1-247-704-11	CARBON	220 5% 1/4W	R1382	1-249-424-11	CARBON	3.9K 5% 1/6W	
R1305	1-247-704-11	CARBON	220 5% 1/4W	R1383	1-249-419-11	CARBON	1.5K 5% 1/6W	
R1306	1-247-704-11	CARBON	220 5% 1/4W	R1384	1-249-411-11	CARBON	330 5% 1/6W	
R1307	1-247-704-11	CARBON	220 5% 1/4W	R1385	1-249-393-11	CARBON	10 5% 1/6W	
R1308	1-249-429-11	CARBON	10K 5% 1/6W	R1386	1-249-421-11	CARBON	2.2K 5% 1/6W	
R1309	1-247-704-11	CARBON	220 5% 1/4W	R1388	1-249-425-11	CARBON	4.7K 5% 1/6W	
R1310	1-249-431-11	CARBON	15K 5% 1/6W	R1389	1-249-429-11	CARBON	10K 5% 1/6W	
R1311	1-249-409-11	CARBON	220 5% 1/6W	R1390	1-249-421-11	CARBON	2.2K 5% 1/6W	
R1312	1-249-440-11	CARBON	82K 5% 1/6W	R1401	1-249-433-11	CARBON	22K 5% 1/6W	
R1313	1-247-725-11	CARBON	10K 5% 1/4W	R1402	1-249-433-11	CARBON	22K 5% 1/6W	
R1314	1-249-429-11	CARBON	10K 5% 1/6W	R1403	1-249-433-11	CARBON	22K 5% 1/6W	
R1315	1-249-435-11	CARBON	33K 5% 1/6W	R1404	1-249-433-11	CARBON	22K 5% 1/6W	
R1316	1-249-435-11	CARBON	33K 5% 1/6W	R1405	1-249-437-11	CARBON	47K 5% 1/6W	
R1317	1-249-417-11	CARBON	1K 5% 1/6W	R1406	1-249-437-11	CARBON	47K 5% 1/6W	
R1318	1-249-417-11	CARBON	1K 5% 1/6W	R1407	1-249-437-11	CARBON	47K 5% 1/6W	
R1319	1-249-417-11	CARBON	1K 5% 1/6W	R1408	1-249-437-11	CARBON	47K 5% 1/6W	
R1320	1-249-409-11	CARBON	220 5% 1/6W	R1409	1-247-704-11	CARBON	220 5% 1/4W	
R1322	1-249-433-11	CARBON	22K 5% 1/6W	R1410	1-249-421-11	CARBON	2.2K 5% 1/6W	
R1323	1-249-429-11	CARBON	10K 5% 1/6W	R1411	1-247-725-11	CARBON	10K 5% 1/4W	
R1324	1-249-435-11	CARBON	33K 5% 1/6W	R1412	1-249-429-11	CARBON	10K 5% 1/6W	
R1325	1-249-409-11	CARBON	220 5% 1/6W	R1413	1-249-421-11	CARBON	2.2K 5% 1/6W	
R1326	1-249-409-11	CARBON	220 5% 1/6W	<u>VARIABLE RESISTOR</u>				
R1327	1-215-493-00	CARBON	1M 5% 1/6W	RV301	1-230-526-41	RES, ADJ, CARBON	470	
R1328	1-249-417-11	CARBON	1K 5% 1/6W	RV302	1-230-631-11	RES, ADJ, CARBON	22K	
R1329	1-247-895-00	CARBON	470K 5% 1/6W	RV303	1-230-630-11	RES, ADJ, CARBON	10K	
R1330	1-249-417-11	CARBON	1K 5% 1/6W	RV318	1-230-271-00	RES, ADJ, CARBON	4.7K	
R1331	1-247-849-00	CARBON	5.6K 5% 1/6W	RV1301	1-230-628-11	RES, ADJ, CARBON	2.2K	
R1332	1-249-437-11	CARBON	47K 5% 1/6W	<u>TRANSFORMER</u>				
R1333	1-249-418-11	CARBON	1.2K 5% 1/6W	T301	1-404-524-11	DAT		
R1334	1-249-429-11	CARBON	10K 5% 1/6W	T401	1-404-584-11	COIL		
R1335	1-249-409-11	CARBON	220 5% 1/6W	<u>CRYSTAL</u>				
R1337	1-249-405-11	CARBON	100 5% 1/6W	X101	1-567-192-11	OSCILLATOR, CERAMIC		
R1339	1-249-414-11	CARBON	560 5% 1/6W	X358	1-567-505-11	OSCILLATOR, CRYSTAL		
R1340	1-249-409-11	CARBON	220 5% 1/6W	X443	1-567-504-11	OSCILLATOR, CRYSTAL		
R1341	1-249-437-11	CARBON	47K 5% 1/6W					
R1342	1-249-405-11	CARBON	100 5% 1/6W					
R1344	1-215-424-00	CARBON	1.3K 5% 1/6W					
R1345	1-249-409-11	CARBON	220 5% 1/6W					
R1347	1-249-405-11	CARBON	100 5% 1/6W					
R1360	1-249-414-11	CARBON	560 5% 1/6W					
R1362	1-249-414-11	CARBON	560 5% 1/6W					
R1363	1-247-901-00	CARBON	820K 5% 1/6W					
R1364	1-249-424-11	CARBON	3.9K 5% 1/6W					
R1365	1-249-437-11	CARBON	47K 5% 1/6W					

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FB

FA

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FA

FC

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
PS653	1-532-686-00	LINK, IC					
PS654	1-532-637-00	LINK, IC					
<u>TRANSISTOR</u>							
Q601	8-729-195-82	TRANSISTOR 2SC2958					
Q602	8-729-802-07	TRANSISTOR 2SD1403-CA					
	3-701-833-01	HEAD, WASHER, TAPPING SCREW; Q602					
	4-365-216-00	SPACER, MICA; Q602					
Q651	8-729-109-53	TRANSISTOR 2SD795A					
	*4-347-706-00	HEAT SINK (TR); Q651					
Q652	8-729-178-54	TRANSISTOR 2SC2785					
Q653	8-719-000-28	THYRISTOR CR02AM-8					
<u>RESISTOR</u>							
R601	A.1-217-328-11	WIREWOUND	2.7 10%	7W F			
R604	A.1-247-289-11	CARBON	8.2M 5%	1W			
R609	1-215-894-11	METAL OXIDE	2.2K 5%	2W F			
R612	1-215-904-11	METAL OXIDE	100K 5%	2W F			
R613	1-215-895-11	METAL OXIDE	3.3K 5%	2W F			
R614	1-216-458-11	METAL OXIDE	1.8K 5%	2W F			
R615	1-205-737-00	CEMENTED	30 10%	7W			
R623	1-247-718-11	CARBON	2.7K 5%	1/4W			
R627	1-249-409-11	CARBON	220 5%	1/6W			
R628	1-215-479-00	CARBON	270K 5%	1/6W			
R629	1-249-427-11	CARBON	6.8K 5%	1/6W			
R630	1-247-692-11	CARBON	22 5%	1/4W F			
R631	1-217-352-11	WIREWOUND	390 10%	7W F			
R632	1-217-192-00	WIREWOUND	0.22 10%	2W F			
R652	1-216-430-11	METAL OXIDE	390 5%	1W F			
R653	1-249-425-11	CARBON	4.7K 5%	1/6W			
R654	1-216-464-11	METAL OXIDE	18K 5%	2W F			
R662	1-249-436-11	CARBON	39K 5%	1/6W			
R663	1-249-430-11	CARBON	12K 5%	1/6W			
R664	1-249-441-11	CARBON	100K 5%	1/6W			
R665	1-215-436-00	METAL	4.3K 1%	1/6W			
R666	1-247-713-11	CARBON	1K 5%	1/4W			
R667	1-247-703-11	CARBON	180 5%	1/4W			
R669	1-247-720-11	CARBON	3.9K 5%	1/4W			
R670	1-249-421-11	CARBON	2.2K 5%	1/6W			
R671	A.1-205-758-11	CEMENTED	100 10%	10W F			
R673	A.1-244-945-91	CARBON	1M 5%	1/2W			
R677	1-216-346-00	METAL OXIDE	0.56 5%	1W F			
R678	1-247-749-11	CARBON	560 5%	1/2W F			
R680	1-217-353-11	WIREWOUND	470 10%	7W F			
R681	1-246-403-75	CARBON	1.2 5%	1/4W			
	1-249-429-11	CARBON	10K 5%	1/6W			(WG ONLY)
R682	1-249-429-11	CARBON	10K 5%	1/6W			(AEP, AUS ONLY)
R683	1-216-488-11	METAL OXIDE	18K 5%	3W F			
R684	1-246-403-75	CARBON	1.2 5%	1/4W			(AEP, AUS ONLY)
R684	1-246-405-00	CARBON	1.5 5%	1/4W			(WG ONLY)
R685	1-249-440-11	CARBON	82K 5%	1/6W			(AEP, AUS ONLY)
R689	1-249-429-11	CARBON	10K 5%	1/6W			(AEP, AUS ONLY)
<u>VARIABLE RESISTOR</u>							
RV651	1-230-230-00	RES, ADJ, CERAMIC	1K				
RV652	1-226-702-00	RES, ADJ, METAL	GLAZE 2.2K				
<u>TRANSFORMER</u>							
T601	A.1-421-758-11	TRANSFORMER, LINE FILTER (LFT)					
							(AEP, AUS ONLY)
T601	A.1-421-974-11	TRANSFORMER, LINE FILTER (WG ONLY)					
T602	A.1-421-758-11	TRANSFORMER, LINE FILTER (LFT)					
							(AEP, AUS ONLY)
T602	A.1-421-974-11	TRANSFORMER, LINE FILTER (WG ONLY)					
T603	A.1-437-079-11	TRANSFORMER, HORIZONTAL DRIVE					
T605	A.1-448-901-11	SRT					
T607	1-421-975-11	TRANSFORMER, LINE FILTER (WG ONLY)					
<u>THERMISTOR</u>							
TH651	1-800-944-00	THERMISTOR TH-4700					
THP601	A.1-806-387-11	THERMISTOR (POSITIVE)					

*1-621-548-11 FC BOARD							

<u>CAPACITOR</u>							
C611	1-106-220-00	MYLAR	0.1MF	10%	100V		
C612	1-106-351-00	MYLAR	0.0022MF	5%	50V		
C613	1-123-356-00	ELECT	10MF	20%	16V		
C614	1-124-125-91	ELECT	22MF	20%	25V		
C616	1-123-875-91	ELECT	10MF	20%	50V		
C625	1-123-380-00	ELECT	1MF	20%	50V		
C627	1-136-153-00	FILM	0.01MF	5%	50V		
C628	1-102-820-00	CERAMIC	330PF	5%	50V		
C634	1-106-220-00	MYLAR	0.1MF	10%	100V		
<u>DIODE</u>							
D603	8-719-815-55	DIODE 1S1555					
D604	8-759-157-40	IC UPC574J					
D606	8-719-911-19	DIODE 1SS119					
<u>CONNECTOR</u>							
FC1	*1-562-516-11	CONNECTOR, BOARD TO BOARD 5P					
FC2	*1-562-516-11	CONNECTOR, BOARD TO BOARD 5P					
<u>IC</u>							
IC601	8-759-100-75	IC UPC1394C					
<u>TRANSISTOR</u>							
Q603	8-729-178-54	TRANSISTOR 2SC2785					
<u>RESISTOR</u>							
R605	1-215-481-00	CARBON	330K 5%	1/6W			
R606	1-249-433-11	CARBON	22K 5%	1/6W			
R608	1-249-421-11	CARBON	2.2K 5%	1/6W			
R611	1-215-457-00	METAL	33K 1%	1/6W			
R616	1-247-862-00	CARBON	20K 5%	1/6W			
R621	1-249-429-11	CARBON	10K 5%	1/6W			
R622	1-249-433-11	CARBON	22K 5%	1/6W			
R624	1-249-425-11	CARBON	4.7K 5%	1/6W			
R625	1-249-441-11	CARBON	100K 5%	1/6W			
R626	1-247-712-11	CARBON	820 5%	1/4W			

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R633	1-215-477-00	CARBON	220K 5% 1/6W	C1738	1-102-973-00	CERAMIC	100PF 5% 50V
R634	1-249-437-11	CARBON	47K 5% 1/6W	C1739	1-101-001-00	CERAMIC	0.001MF 5% 50V
R636	1-215-471-00	METAL	120K 1% 1/6W	C1740	1-101-001-00	CERAMIC	0.001MF 5% 50V
R637	1-249-433-11	CARBON	22K 5% 1/6W	C1741	1-101-884-00	CERAMIC	56PF 5% 50V
R638	1-215-435-00	METAL	3.9K 1% 1/6W	C1743	1-102-973-00	CERAMIC	100PF 5% 50V
R639	1-249-425-11	CARBON	4.7K 5% 1/6W	C1744	1-102-973-00	CERAMIC	100PF 5% 50V
R674	1-249-440-11	CARBON	82K 5% 1/6W	C1747	1-102-965-00	CERAMIC	39PF 5% 50V
<u>THERMISTOR</u>				C1748	1-102-965-00	CERAMIC	39PF 5% 50V
TH601Δ	1-800-944-11	THERMISTOR TH-4700		C1749	1-102-965-00	CERAMIC	39PF 5% 50V
*****				C1750	1-102-965-00	CERAMIC	39PF 5% 50V
*****				C1751	1-101-001-00	CERAMIC	0.001MF 5% 50V
*****				C1752	1-102-973-00	CERAMIC	100PF 5% 50V
*****				C1753	1-102-965-00	CERAMIC	39PF 5% 50V
*A-1270-212-A QA BOARD, COMPLETE				<u>DIODE</u>			
*****				D1703	8-719-100-38	DIODE RD6.2E-B2	
1-537-075-11 TERMINAL BOARD, INPUT/OUTPUT				D1706	8-719-100-38	DIODE RD6.2E-B2	
1-537-076-11 TERMINAL BOARD, INPUT/OUTPUT				D1707	8-719-100-38	DIODE RD6.2E-B2	
<u>CAPACITOR</u>				D1708	8-719-100-38	DIODE RD6.2E-B2	
*****				D1709	8-719-100-38	DIODE RD6.2E-B2	
C1700	1-124-236-00	ELECT	47MF 20% 16V	D1710	8-719-100-38	DIODE RD6.2E-B2	
C1701	1-124-247-00	ELECT	10MF 20% 25V	D1711	8-719-100-38	DIODE RD6.2E-B2	
C1702	1-124-247-00	ELECT	10MF 20% 25V	<u>JACK</u>			
C1703	1-124-236-00	ELECT	47MF 20% 16V	C1705	1-124-247-00	ELECT	J25 1-561-534-41 SOCKET 21P
C1704	1-124-247-00	ELECT	10MF 20% 25V	C1706	1-124-247-00	ELECT	CONNECTOR
C1705	1-124-247-00	ELECT	10MF 20% 25V	C1707	1-124-247-00	ELECT	QA1 *1-566-055-11 PIN, CONNECTOR 3P
C1706	1-124-247-00	ELECT	10MF 20% 25V	C1709	1-124-247-00	ELECT	QA2 *1-560-278-00 PLUG, CONNECTOR 3P
C1710	1-102-965-00	CERAMIC	39PF 5% 50V	<u>RESISTOR</u>			
C1712	1-102-965-00	CERAMIC	39PF 5% 50V	R1700	1-247-104-00	CARBON	75 5% 1/4W
C1714	1-102-965-00	CERAMIC	39PF 5% 50V	R1701	1-249-417-11	CARBON	1K 5% 1/6W
C1715	1-124-247-00	ELECT	10MF 20% 25V	R1702	1-247-901-00	CARBON	820K 5% 1/6W
C1716	1-124-247-00	ELECT	10MF 20% 25V	R1703	1-249-417-11	CARBON	1K 5% 1/6W
C1717	1-124-247-00	ELECT	10MF 20% 25V	R1704	1-247-901-00	CARBON	820K 5% 1/6W
C1718	1-124-247-00	ELECT	10MF 20% 25V	R1705	1-247-104-00	CARBON	75 5% 1/4W
C1719	1-124-236-00	ELECT	47MF 20% 16V	R1706	1-249-417-11	CARBON	1K 5% 1/6W
C1720	1-124-236-00	ELECT	47MF 20% 16V	R1707	1-247-901-00	CARBON	820K 5% 1/6W
C1721	1-124-236-00	ELECT	47MF 20% 16V	R1708	1-249-417-11	CARBON	1K 5% 1/6W
C1722	1-124-236-00	ELECT	47MF 20% 16V	R1709	1-247-901-00	CARBON	820K 5% 1/6W
C1723	1-124-247-00	ELECT	10MF 20% 25V	<u>RESISTOR</u>			
C1726	1-102-973-00	CERAMIC	100PF 5% 50V	R1710	1-247-104-00	CARBON	75 5% 1/4W
C1727	1-102-973-00	CERAMIC	100PF 5% 50V	R1711	1-249-414-11	CARBON	560 5% 1/6W
C1728	1-102-973-00	CERAMIC	100PF 5% 50V	R1712	1-215-485-00	CARBON	470K 5% 1/6W
C1729	1-102-973-00	CERAMIC	100PF 5% 50V	R1713	1-249-414-11	CARBON	560 5% 1/6W
C1730	1-101-884-00	CERAMIC	56PF 5% 50V	R1714	1-215-485-00	CARBON	470K 5% 1/6W
C1731	1-102-973-00	CERAMIC	100PF 5% 50V				
C1732	1-102-973-00	CERAMIC	100PF 5% 50V				
C1733	1-101-884-00	CERAMIC	56PF 5% 50V				
C1734	1-101-001-00	CERAMIC	0.001MF 5% 50V				
C1737	1-101-884-00	CERAMIC	56PF 5% 50V				

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<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
R1715	1-247-104-00	CARBON	75 5% 1/6W	SW5	1-570-145-11	SWITCH, SLIDE	
R1716	1-249-417-11	CARBON	1K 5% 1/6W				*****
R1717	1-247-901-00	CARBON	820K 5% 1/6W				*****
R1718	1-247-708-11	CARBON	470 5% 1/4W				*****
R1719	1-249-408-11	CARBON	180 5% 1/6W				*A-1270-213-A QB BOARD, COMPLETE *****
R1720	1-249-421-11	CARBON	2.2K 5% 1/6W				<u>CAPACITOR</u>
R1721	1-247-708-11	CARBON	470 5% 1/4W				
R1722	1-249-408-11	CARBON	180 5% 1/6W				
R1723	1-249-421-11	CARBON	2.2K 5% 1/6W	C1779	1-124-475-11	ELECT	470MF 20% 16V
R1724	1-247-708-11	CARBON	470 5% 1/4W	C1781	1-101-004-00	CERAMIC	0.01MF 20% 50V
				C1788	1-124-247-00	ELECT	10MF 20% 25V
R1725	1-249-408-11	CARBON	180 5% 1/6W				
R1726	1-215-485-00	CARBON	470K 5% 1/6W	C1789	1-124-247-00	ELECT	10MF 20% 25V
R1727	1-247-713-11	CARBON	1K 5% 1/4W	C1790	1-124-236-00	ELECT	47MF 20% 16V
R1728	1-247-901-00	CARBON	820K 5% 1/6W	C1791	1-124-236-00	ELECT	47MF 20% 16V
R1729	1-247-710-11	CARBON	560 5% 1/4W	C1792	1-102-959-00	CERAMIC	22PF 5% 50V
R1730	1-247-895-00	CARBON	470K 5% 1/6W	C1793	1-101-004-00	CERAMIC	0.01MF 50V
R1731	1-247-713-11	CARBON	1K 5% 1/4W				
R1732	1-247-901-00	CARBON	820K 5% 1/6W	C1794	1-124-236-00	ELECT	47MF 20% 16V
R1733	1-247-104-00	CARBON	75 5% 1/4W	C1795	1-101-004-00	CERAMIC	0.01MF 50V
R1735	1-247-104-00	CARBON	75 5% 1/4W	C1799	1-124-471-00	ELECT	1000MF 20% 6.3V
R1736	1-247-104-00	CARBON	75 5% 1/4W	C1800	1-124-236-00	ELECT	47MF 20% 16V
R1737	1-247-104-00	CARBON	75 5% 1/4W	C1801	1-124-475-11	ELECT	470MF 20% 16V
R1738	1-249-417-11	CARBON	1K 5% 1/6W				
R1739	1-247-104-00	CARBON	75 5% 1/4W	C1802	1-102-971-00	CERAMIC	82PF 5% 50V
R1740	1-249-429-11	CARBON	10K 5% 1/6W	C1803	1-124-471-00	ELECT	1000MF 20% 6.3V
R1742	1-249-412-11	CARBON	390 5% 1/6W	C1804	1-102-971-00	CERAMIC	82PF 5% 50V
R1743	1-247-713-11	CARBON	1K 5% 1/4W	C1805	1-101-361-00	CERAMIC	150PF 5% 50V
R1744	1-247-901-00	CARBON	820K 5% 1/6W	C1807	1-102-111-00	CERAMIC	270PF 10% 50V
R1745	1-249-429-11	CARBON	10K 5% 1/6W				
R1746	1-249-406-11	CARBON	120 5% 1/6W	C1808	1-101-004-00	CERAMIC	0.01MF 50V
R1750	1-249-417-11	CARBON	1K 5% 1/6W	C1810	1-124-236-00	ELECT	47MF 20% 16V
R1751	1-247-104-00	CARBON	75 5% 1/4W	C1811	1-124-236-00	ELECT	47MF 20% 16V
R1752	1-249-401-11	CARBON	47 5% 1/6W	C1813	1-124-236-00	ELECT	47MF 20% 16V
R1753	1-249-401-11	CARBON	47 5% 1/6W	C1820	1-124-236-00	ELECT	47MF 20% 16V
R1754	1-249-401-11	CARBON	47 5% 1/6W				
R1755	1-249-418-11	CARBON	1.2K 5% 1/6W	C1821	1-101-004-00	CERAMIC	0.01MF 50V
R1756	1-249-418-11	CARBON	1.2K 5% 1/6W	C1823	1-124-268-00	ELECT	0.22MF 20% 50V
R1760	1-215-483-00	CARBON	390K 5% 1/6W	C1824	1-124-268-00	ELECT	0.22MF 20% 50V
R1761	1-215-483-00	CARBON	390K 5% 1/6W	C1825	1-124-268-00	ELECT	0.22MF 20% 50V
R1762	1-215-483-00	CARBON	390K 5% 1/6W	C1827	1-101-880-00	CERAMIC	47PF 5% 50V
R1763	1-215-483-00	CARBON	390K 5% 1/6W				
R1768	1-249-406-11	CARBON	120 5% 1/6W	C1828	1-123-611-00	ELECT	1MF 20% 50V
R1769	1-247-710-11	CARBON	560 5% 1/4W	C1830	1-124-236-00	ELECT	47MF 20% 16V
				C1831	1-101-004-00	CERAMIC	0.01MF 50V
SW1	1-570-145-11	SWITCH, SLIDE		C1832	1-124-236-00	ELECT	47MF 20% 16V
SW2	1-570-145-11	SWITCH, SLIDE		C1833	1-101-004-00	CERAMIC	0.01MF 50V
SW3	1-570-145-11	SWITCH, SLIDE					
SW4	1-570-145-11	SWITCH, SLIDE					
							<u>DIODE</u>
				D1770	8-719-911-19	DIODE 1SS119	
				D1771	8-719-911-19	DIODE 1SS119	

P V I M - Z / S U Q I M
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<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>				
D1772	8-719-911-19	DIODE 1SS119		Q1799	8-729-178-54	TRANSISTOR 2SC2785					
D1773	8-719-911-19	DIODE 1SS119		Q1802	8-729-900-36	TRANSISTOR DTC124ES					
D1774	8-719-911-19	DIODE 1SS119		Q1803	8-729-178-54	TRANSISTOR 2SC2785					
D1775	8-719-911-19	DIODE 1SS119		Q1804	8-729-178-54	TRANSISTOR 2SC2785					
D1776	8-719-911-19	DIODE 1SS119		Q1805	8-729-178-54	TRANSISTOR 2SC2785					
D1777	8-719-911-19	DIODE 1SS119		Q1806	8-729-178-54	TRANSISTOR 2SC2785					
D1780	8-719-911-19	DIODE 1SS119		Q1807	8-729-178-54	TRANSISTOR 2SC2785					
D1781	8-719-911-19	DIODE 1SS119		Q1808	8-729-178-54	TRANSISTOR 2SC2785					
D1782	8-719-911-19	DIODE 1SS119		Q1809	8-729-178-54	TRANSISTOR 2SC2785					
D1783	8-719-931-06	DIODE EQB01-06		Q1810	8-729-178-54	TRANSISTOR 2SC2785					
D1784	8-719-110-14	DIODE RD9.1ES-B3		Q1811	8-729-178-54	TRANSISTOR 2SC2785					
D1787	8-719-109-90	DIODE RD5.6ES-B3		Q1812	8-729-178-54	TRANSISTOR 2SC2785					
D1788	8-719-911-19	DIODE 1SS119		Q1813	8-729-178-54	TRANSISTOR 2SC2785					
D1789	8-719-911-19	DIODE 1SS119		Q1814	8-729-178-54	TRANSISTOR 2SC2785					
<u>IC</u>											
IC1770	8-759-800-65	IC LA7910		Q1816	8-729-178-54	TRANSISTOR 2SC2785					
IC1771	8-759-140-66	IC UPD4066BC		Q1817	8-729-178-54	TRANSISTOR 2SC2785					
IC1772	8-759-102-37	IC UPD4052BC		Q1818	8-729-900-36	TRANSISTOR DTC124ES					
IC1773	8-759-102-37	IC UPD4052BC		Q1819	8-729-900-36	TRANSISTOR DTC124ES					
IC1774	8-759-900-86	IC SN74LS86N		Q1820	8-729-900-36	TRANSISTOR DTC124ES					
IC1775	8-759-901-38	IC SN74LS138N		Q1822	8-729-178-54	TRANSISTOR 2SC2785					
IC1776	8-759-900-09	IC SN74LS09N		Q1823	8-729-178-54	TRANSISTOR 2SC2785					
<u>COIL</u>											
L1770	1-408-239-00	MICRO INDUCTOR 4.7MMH		Q1825	8-729-178-54	TRANSISTOR 2SC2785					
<u>TRANSISTOR</u>											
Q1773	8-729-117-54	TRANSISTOR 2SA1175		Q1826	8-729-178-54	TRANSISTOR 2SC2785					
Q1774	8-729-178-54	TRANSISTOR 2SC2785		Q1827	8-729-178-54	TRANSISTOR 2SC2785					
Q1775	8-729-117-54	TRANSISTOR 2SA1175		Q1828	8-729-178-54	TRANSISTOR 2SC2785					
Q1776	8-729-178-54	TRANSISTOR 2SC2785		Q1829	8-729-178-54	TRANSISTOR 2SC2785					
Q1777	8-729-178-54	TRANSISTOR 2SC2785		Q1830	8-729-177-43	TRANSISTOR 2SD774					
Q1778	8-729-178-54	TRANSISTOR 2SC2785		Q1831	8-729-900-36	TRANSISTOR DTC124ES					
Q1779	8-729-117-54	TRANSISTOR 2SA1175		Q1832	8-729-178-54	TRANSISTOR 2SC2785					
Q1780	8-729-117-54	TRANSISTOR 2SA1175		Q1891	8-729-900-36	TRANSISTOR DTC124ES					
Q1781	8-729-178-54	TRANSISTOR 2SC2785		<u>CONNECTOR</u>							
Q1782	8-729-900-89	TRANSISTOR DTC144ES		QB11	*1-566-058-11	PIN, CONNECTOR 6P					
Q1785	8-729-178-54	TRANSISTOR 2SC2785		QB12	*1-566-056-11	PIN, CONNECTOR 4P					
Q1786	8-729-178-54	TRANSISTOR 2SC2785		QB13	*1-566-056-11	PIN, CONNECTOR 4P					
Q1787	8-729-177-43	TRANSISTOR 2SD774		QB14	*1-566-054-11	PIN, CONNECTOR 2P					
Q1788	8-729-117-54	TRANSISTOR 2SA1175		QB15	*1-566-057-11	PIN, CONNECTOR 5P					
Q1789	8-729-178-54	TRANSISTOR 2SC2785		QB16	*1-566-056-11	PIN, CONNECTOR 4P					
Q1790	8-729-177-43	TRANSISTOR 2SD774		QB17	*1-566-059-11	PIN, CONNECTOR 7P					
Q1791	8-729-900-36	TRANSISTOR DTC124ES		<u>RESISTOR</u>							
Q1792	8-729-178-54	TRANSISTOR 2SC2785		R1771	1-249-469-11	CARBON	100K	5%	1/4W		
Q1793	8-729-117-54	TRANSISTOR 2SA1175		R1776	1-249-405-11	CARBON	100	5%	1/6W		
Q1794	8-729-178-54	TRANSISTOR 2SC2785		R1777	1-249-405-11	CARBON	100	5%	1/6W		
Q1795	8-729-178-54	TRANSISTOR 2SC2785		R1778	1-249-405-11	CARBON	100	5%	1/6W		
Q1796	8-729-178-54	TRANSISTOR 2SC2785		R1779	1-249-441-11	CARBON	100K	5%	1/6W		
Q1797	8-729-178-54	TRANSISTOR 2SC2785		R1780	1-249-433-11	CARBON	22K	5%	1/6W		
Q1798	8-729-117-54	TRANSISTOR 2SA1175		R1781	1-249-441-11	CARBON	100K	5%	1/6W		
				R1782	1-249-425-11	CARBON	4.7K	5%	1/6W		
				R1783	1-249-469-11	CARBON	100K	5%	1/4W		
				R1784	1-249-433-11	CARBON	22K	5%	1/6W		

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<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
R1785	1-249-441-11	CARBON	100K 5% 1/6W	R1847	1-249-437-11	CARBON	47K 5% 1/6W
R1786	1-249-441-11	CARBON	100K 5% 1/6W	R1848	1-249-428-11	CARBON	8.2K 5% 1/6W
R1787	1-249-433-11	CARBON	22K 5% 1/6W	R1849	1-249-437-11	CARBON	47K 5% 1/6W
R1788	1-249-413-11	CARBON	470 5% 1/6W	R1850	1-249-428-11	CARBON	8.2K 5% 1/6W
R1794	1-215-485-00	CARBON	470K 5% 1/6W	R1851	1-249-465-11	CARBON	47K 5% 1/4W
R1795	1-249-422-11	CARBON	2.7K 5% 1/6W	R1852	1-249-428-11	CARBON	8.2K 5% 1/6W
R1796	1-249-440-11	CARBON	82K 5% 1/6W	R1853	1-249-416-11	CARBON	820 5% 1/6W
R1797	1-249-434-11	CARBON	27K 5% 1/6W	R1854	1-249-416-11	CARBON	820 5% 1/6W
R1798	1-249-425-11	CARBON	4.7K 5% 1/6W	R1855	1-249-417-11	CARBON	1K 5% 1/6W
R1799	1-249-419-11	CARBON	1.5K 5% 1/6W	R1856	1-249-417-11	CARBON	1K 5% 1/6W
R1800	1-249-425-11	CARBON	4.7K 5% 1/6W	R1857	1-249-713-11	CARBON	1K 5% 1/4W
R1801	1-249-440-11	CARBON	82K 5% 1/6W	R1858	1-249-433-11	CARBON	22K 5% 1/6W
R1802	1-249-434-11	CARBON	27K 5% 1/6W	R1859	1-249-417-11	CARBON	1K 5% 1/6W
R1804	1-249-429-11	CARBON	10K 5% 1/6W	R1860	1-249-429-11	CARBON	10K 5% 1/6W
R1805	1-249-429-11	CARBON	10K 5% 1/6W	R1861	1-249-417-11	CARBON	1K 5% 1/6W
R1806	1-249-406-11	CARBON	120 5% 1/6W	R1862	1-249-417-11	CARBON	1K 5% 1/6W
R1807	1-247-849-00	CARBON	5.6K 5% 1/6W	R1863	1-249-433-11	CARBON	22K 5% 1/6W
R1808	1-247-849-00	CARBON	5.6K 5% 1/6W	R1864	1-249-417-11	CARBON	1K 5% 1/6W
R1809	1-249-408-11	CARBON	180 5% 1/6W	R1865	1-249-425-11	CARBON	4.7K 5% 1/6W
R1810	1-247-832-00	CARBON	1.1K 5% 1/6W	R1866	1-249-412-11	CARBON	390 5% 1/6W
R1811	1-249-413-11	CARBON	470 5% 1/6W	R1867	1-249-417-11	CARBON	1K 5% 1/6W
R1813	1-249-413-11	CARBON	470 5% 1/6W	R1868	1-249-412-11	CARBON	390 5% 1/6W
R1814	1-249-413-11	CARBON	470 5% 1/6W	R1869	1-249-421-11	CARBON	2.2K 5% 1/6W
R1815	1-249-412-11	CARBON	390 5% 1/6W	R1870	1-249-421-11	CARBON	2.2K 5% 1/6W
R1816	1-249-413-11	CARBON	470 5% 1/6W	R1871	1-249-421-11	CARBON	2.2K 5% 1/6W
R1817	1-247-832-00	CARBON	1.1K 5% 1/6W	R1872	1-249-433-11	CARBON	22K 5% 1/6W
R1819	1-249-413-11	CARBON	470 5% 1/6W	R1873	1-249-429-11	CARBON	10K 5% 1/6W
R1820	1-249-406-11	CARBON	120 5% 1/6W	R1874	1-249-413-11	CARBON	470 5% 1/6W
R1821	1-249-406-11	CARBON	120 5% 1/6W	R1875	1-247-842-00	CARBON	3K 5% 1/6W
R1822	1-249-406-11	CARBON	120 5% 1/6W	R1876	1-249-420-11	CARBON	1.8K 5% 1/6W
R1823	1-249-406-11	CARBON	120 5% 1/6W	R1877	1-249-429-11	CARBON	10K 5% 1/6W
R1824	1-247-881-00	CARBON	120K 5% 1/6W	R1879	1-249-469-11	CARBON	100K 5% 1/4W
R1825	1-247-881-00	CARBON	120K 5% 1/6W	R1880	1-249-417-11	CARBON	1K 5% 1/6W
R1826	1-247-881-00	CARBON	120K 5% 1/6W	R1881	1-249-422-11	CARBON	2.7K 5% 1/6W
R1827	1-249-429-11	CARBON	10K 5% 1/6W	R1882	1-249-417-11	CARBON	1K 5% 1/6W
R1828	1-249-417-11	CARBON	1K 5% 1/6W	R1883	1-249-433-11	CARBON	22K 5% 1/6W
R1829	1-249-429-11	CARBON	10K 5% 1/6W	R1884	1-249-417-11	CARBON	1K 5% 1/6W
R1830	1-249-429-11	CARBON	10K 5% 1/6W	R1885	1-249-416-11	CARBON	820 5% 1/6W
R1831	1-249-417-11	CARBON	1K 5% 1/6W	R1886	1-249-417-11	CARBON	1K 5% 1/6W
R1832	1-249-429-11	CARBON	10K 5% 1/6W	R1887	1-247-715-11	CARBON	1.5K 5% 1/4W
R1833	1-249-429-11	CARBON	10K 5% 1/6W	R1888	1-249-417-11	CARBON	1K 5% 1/6W
R1834	1-249-417-11	CARBON	1K 5% 1/6W	R1892	1-249-415-11	CARBON	680 5% 1/6W
R1835	1-249-428-11	CARBON	8.2K 5% 1/6W	R1893	1-249-433-11	CARBON	22K 5% 1/6W
R1836	1-249-422-11	CARBON	2.7K 5% 1/6W	R1894	1-249-428-11	CARBON	8.2K 5% 1/6W
R1837	1-249-417-11	CARBON	1K 5% 1/6W	R1896	1-249-415-11	CARBON	680 5% 1/6W
R1838	1-247-849-00	CARBON	5.6K 5% 1/6W	R1898	1-247-849-00	CARBON	5.6K 5% 1/6W
R1839	1-247-849-00	CARBON	5.6K 5% 1/6W	R1899	1-247-849-00	CARBON	5.6K 5% 1/6W
R1841	1-249-433-11	CARBON	22K 5% 1/6W	R1902	1-249-417-11	CARBON	1K 5% 1/6W
R1842	1-249-433-11	CARBON	22K 5% 1/6W	R1903	1-249-412-11	CARBON	390 5% 1/6W
R1843	1-249-462-11	CARBON	22K 5% 1/4W	R1921	1-249-424-11	CARBON	3.9K 5% 1/6W
R1844	1-249-405-11	CARBON	100 5% 1/6W	R1922	1-249-424-11	CARBON	3.9K 5% 1/6W
R1845	1-249-433-11	CARBON	22K 5% 1/6W				
R1846	1-247-714-11	CARBON	1.2K 5% 1/4W				

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<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
R1923	1-249-421-11	CARBON	2.2K 5% 1/6W	C709	1-102-116-00	CERAMIC	680PF 10% 50V
R1925	1-249-440-11	CARBON	82K 5% 1/6W	C710	1-102-115-00	CERAMIC	560PF 10% 50V
R1926	1-249-440-11	CARBON	82K 5% 1/6W	C711	1-123-356-00	ELECT	10MF 20% 25V
R1927	1-249-440-11	CARBON	82K 5% 1/6W	C712	1-102-116-00	CERAMIC	680PF 10% 50V
R1928	1-249-405-11	CARBON	100 5% 1/6W	C713	1-102-116-00	CERAMIC	680PF 10% 50V
R1929	1-247-849-00	CARBON	5.6K 5% 1/6W	C714	1-123-321-00	ELECT	220MF 20% 16V
R1930	1-247-714-11	CARBON	1.2K 5% 1/4W	C715	1-102-125-00	CERAMIC	0.0047MF 10% 50V
R1931	1-249-417-11	CARBON	1K 5% 1/6W	C718	1-102-125-00	CERAMIC	0.0047MF 10% 50V
R1932	1-249-417-11	CARBON	1K 5% 1/6W	C723	1-108-634-81	MYLAR	0.047MF 10% 100V
R1935	1-249-428-11	CARBON	8.2K 5% 1/6W	C753	1-102-971-00	CERAMIC	82PF 5% 50V
R1936	1-249-430-11	CARBON	12K 5% 1/6W	C754	1-108-617-91	MYLAR	0.0018MF 10% 100V
R1937	1-249-428-11	CARBON	8.2K 5% 1/6W	C755	1-123-356-00	ELECT	10MF 20% 25V
R1938	1-249-428-11	CARBON	8.2K 5% 1/6W	C756	1-106-367-00	MYLAR	0.01MF 10% 100V
R1939	1-249-428-11	CARBON	8.2K 5% 1/6W	C757	1-106-367-00	MYLAR	0.01MF 10% 100V
R1940	1-249-428-11	CARBON	8.2K 5% 1/6W	C758	1-102-963-00	CERAMIC	33PF 5% 50V
R1941	1-249-428-11	CARBON	8.2K 5% 1/6W	C759	1-102-963-00	CERAMIC	33PF 5% 50V
R1942	1-247-695-11	CARBON	39 5% 1/4W	C760	1-108-614-91	MYLAR	0.001MF 10% 100V
R1950	1-249-428-11	CARBON	8.2K 5% 1/6W	C762	1-136-177-00	FILM	1MF 5% 50V
R1951	1-249-429-11	CARBON	10K 5% 1/6W	C763	1-123-356-00	ELECT	10MF 20% 50V
R1952	1-215-865-11	METAL OXIDE	220 5% 1W F	C764	1-106-220-00	MYLAR	0.1MF 10% 100V
R1953	1-249-423-11	CARBON	3.3K 5% 1/6W	C765	1-123-380-00	ELECT	1MF 20% 50V
R1955	1-249-435-11	CARBON	33K 5% 1/6W	C766	1-124-122-11	ELECT	100MF 20% 50V
R1956	1-249-434-11	CARBON	27K 5% 1/6W			<u>DIODE</u>	
R1965	1-247-712-11	CARBON	820 5% 1/4W				
R1966	1-247-712-11	CARBON	820 5% 1/4W	D701	8-719-911-19	DIODE ISS119	
R1967	1-247-712-11	CARBON	820 5% 1/4W	D702	8-719-911-19	DIODE ISS119	
R1968	1-247-881-00	CARBON	120K 5% 1/6W	D703	8-719-911-19	DIODE ISS119	
R1969	1-249-440-11	CARBON	82K 5% 1/6W	D704	8-719-911-19	DIODE ISS119	
R1970	1-249-417-11	CARBON	1K 5% 1/6W	D705	8-719-911-19	DIODE ISS119	
R1971	1-249-417-11	CARBON	1K 5% 1/6W	D706	8-719-911-19	DIODE ISS119	
R1972	1-249-417-11	CARBON	1K 5% 1/6W	D707	8-719-911-19	DIODE ISS119	
R1973	1-249-417-11	CARBON	1K 5% 1/6W	D708	8-719-911-19	DIODE ISS119	
R1974	1-247-713-11	CARBON	1K 5% 1/6W	D709	8-719-911-19	DIODE ISS119	
				D710	8-719-901-83	DIODE ISS83	
*A-1330-789-A	C BOARD, COMPLETE			D711	8-719-901-83	DIODE ISS83	
	*****			D712	8-719-901-83	DIODE ISS83	
1-526-644-71	SOCKET, CRT			D713	8-719-901-83	DIODE ISS83	
				D751	8-719-911-19	DIODE ISS119	
				D752	8-719-911-19	DIODE ISS119	
	<u>CONNECTOR</u>					<u>COIL</u>	
C1	*1-506-371-00	2P PLUG (L)		L701	1-407-711-00	MICRO INDUCTOR	330UH
C2	*1-566-054-11	PIN, CONNECTOR 2P		L702	1-407-708-00	MICRO INDUCTOR	180UH
C3	*1-566-055-11	PIN, CONNECTOR 3P		L703	1-407-708-00	MICRO INDUCTOR	180UH
C5	*1-566-061-11	PIN, CONNECTOR 9P		L704	1-407-697-00	MICRO INDUCTOR	22UH
C6	*1-566-054-11	PIN, CONNECTOR 2P		L705	1-407-697-00	MICRO INDUCTOR	22UH
C7	*1-508-768-00	6P PUG		L706	1-407-709-00	MICRO INDUCTOR	220UH
	<u>CAPACITOR</u>			L707	1-407-697-00	MICRO INDUCTOR	22UH
C701	1-162-115-00	CERAMIC	330PF 10% 2KV	L721	1-408-446-11	MICRO INDUCTOR	22UH
C702	1-129-779-00	FILM	0.022MF 20% 1KV	L751	1-408-399-00	MICRO INDUCTOR	1.5UH
C703	1-123-383-00	ELECT	4.7MF 20% 100V			<u>TRANSISTOR</u>	
C704	1-123-948-00	ELECT	22MF 20% 250V	Q701	8-729-326-11	TRANSISTOR	2SC2611
C705	1-106-387-00	MYLAR	0.1MF 10% 200V				
C706	1-106-387-00	MYLAR	0.1MF 10% 200V				
C707	1-102-116-00	CERAMIC	680PF 10% 50V				
C708	1-102-116-00	CERAMIC	680PF 10% 50V				

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	
Q702	8-729-178-54	TRANSISTOR 2SC2785		R732	1-247-719-11	CARBON	3.3K 5% 1/4W F	
Q703	8-729-200-17	TRANSISTOR 2SA1091		R733	1-247-719-11	CARBON	3.3K 5% 1/4W F	
Q704	8-729-326-11	TRANSISTOR 2SC2611		R734	1-247-714-11	CARBON	1.2K 5% 1/4W	
Q705	8-729-178-54	TRANSISTOR 2SC2785		R735	1-247-714-11	CARBON	1.2K 5% 1/4W	
Q706	8-729-200-17	TRANSISTOR 2SA1091		R736	1-246-476-00	CARBON	1.3K 5% 1/4W	
Q707	8-729-200-17	TRANSISTOR 2SA1091		R737	1-249-440-11	CARBON	82K 5% 1/6W	
Q708	8-729-326-11	TRANSISTOR 2SC2611		R739	1-215-471-00	CARBON	120K 5% 1/6W	
Q709	8-729-178-54	TRANSISTOR 2SC2785		R740	1-215-902-11	METAL OX IDE	47K 5% 2W F	
Q710	8-729-255-12	TRANSISTOR 2SC2551		R741	1-249-438-11	CARBON	56K 5% 1/6W	
Q712	8-729-255-12	TRANSISTOR 2SC2551		R742	1-247-725-11	CARBON	10K 5% 1/4W F	
Q714	8-729-200-17	TRANSISTOR 2SA1091		R743	1-247-725-11	CARBON	10K 5% 1/4W F	
Q715	8-729-200-17	TRANSISTOR 2SA1091		R744	1-247-725-11	CARBON	10K 5% 1/4W F	
Q716	8-729-200-17	TRANSISTOR 2SA1091		R745	1-247-713-11	CARBON	1K 5% 1/4W F	
Q751	8-729-178-54	TRANSISTOR 2SC2785		R746	1-215-879-51	METAL OX IDE	47K 5% 1W F	
Q752	8-729-178-54	TRANSISTOR 2SC2785		R747	1-247-725-11	CARBON	10K 5% 1/4W F	
Q753	8-729-178-54	TRANSISTOR 2SC2785		R751	1-249-409-11	CARBON	220 5% 1/6W	
Q754	8-729-177-43	TRANSISTOR 2SD774		R752	1-249-409-11	CARBON	220 5% 1/6W	
Q755	8-729-178-54	TRANSISTOR 2SC2785		R753	1-249-418-11	CARBON	1.2K 5% 1/6W	
Q756	8-729-374-02	TRANSISTOR 2SB740		R754	1-249-412-11	CARBON	390 5% 1/6W	
Q757	8-729-177-43	TRANSISTOR 2SD774		R755	1-215-871-11	METAL OX IDE	2.2K 5% 1W F	
RESISTOR				R756	1-249-414-11	CARBON	560 5% 1/6W	
R701	1-212-352-00	METAL OXIDE	0.22 5% 1W F	R757	1-247-849-00	CARBON	5.6K 5% 1/6W	
R702	1-202-846-00	SOLID	470K 10% 1/2W	R758	1-249-435-11	CARBON	33K 5% 1/6W	
R703	1-202-844-00	SOLID	330K 10% 1/2W	R759	1-249-393-11	CARBON	10 5% 1/6W F	
R704	1-202-815-11	SOLID	47K 10% 1/2W	R760	1-249-411-11	CARBON	330 5% 1/6W	
R705	1-202-846-00	SOLID	470K 10% 1/2W	R761	1-249-409-11	CARBON	220 5% 1/6W	
R706	1-202-720-00	SOLID	1.2M 10% 1/2W	R762	1-249-409-11	CARBON	220 5% 1/6W	
R707	1-202-842-11	SOLID	220K 10% 1/2W	R763	1-249-437-11	CARBON	47K 5% 1/6W	
R708	1-202-818-00	SOLID	1K 10% 1/2W	R764	1-249-397-11	CARBON	22 5% 1/6W F	
R709	1-202-818-00	SOLID	1K 10% 1/2W	R765	1-249-417-11	CARBON	1K 5% 1/6W	
R710	1-202-818-00	SOLID	1K 10% 1/2W	R766	1-249-435-11	CARBON	33K 5% 1/6W	
R711	1-202-549-00	SOLID	100 10% 1/2W	R767	1-249-441-11	CARBON	100K 5% 1/6W	
R712	1-202-543-00	SOLID	56 10% 1/2W	R768	1-249-435-11	CARBON	33K 5% 1/6W	
R713	1-216-486-00	METAL OXIDE	8.2K 5% 3W F	R769	1-249-417-11	CARBON	1K 5% 1/6W	
R714	1-249-409-11	CARBON	220 5% 1/6W	R770	1-249-389-11	CARBON	4.7 5% 1/6W F	
R715	1-249-429-11	CARBON	10K 5% 1/6W	R771	1-249-389-11	CARBON	4.7 5% 1/6W F	
R716	1-216-486-00	METAL OXIDE	8.2K 5% 3W F	R772	1-249-402-11	CARBON	56 5% 1/6W	
VARIABLE RESISTOR								
R717	1-249-409-11	CARBON	220 5% 1/6W	RV701	1-226-157-00	RES, ADJ, METAL GLAZE 1M		
R718	1-249-429-11	CARBON	10K 5% 1/6W	RV703	1-228-729-00	RES, ADJ, CERAMIC CARBON 220K		
R719	1-249-429-11	CARBON	10K 5% 1/6W	RV705	1-228-728-00	RES, ADJ, CERAMIC CARBON 100K		
R720	1-216-486-00	METAL OXIDE	8.2K 5% 3W F	RV706	1-228-724-00	RES, ADJ, CERAMIC CARBON 10K		
R721	1-249-409-11	CARBON	220 5% 1/6W	*****				
R722	1-249-405-11	CARBON	100 5% 1/6W	*****				
R723	1-247-700-11	CARBON	100 5% 1/4W	*****				
R724	1-249-405-11	CARBON	100 5% 1/6W	*****				
R725	1-249-429-11	CARBON	10K 5% 1/6W	*A-1340-940-A D2 BOARD, COMPLETE *****				
R726	1-249-408-11	CARBON	180 5% 1/6W	*****				
R727	1-249-429-11	CARBON	10K 5% 1/6W	CAPACITOR				
R728	1-215-402-00	CARBON	160 5% 1/6W	C2501	1-108-618-91	MYLAR	0.0022MF 10% 100V	
R729	1-249-441-11	CARBON	100K 5% 1/6W	C2502	1-108-632-81	MYLAR	0.033MF 10% 100V	
R730	1-215-402-00	CARBON	160 5% 1/6W	C2503	1-108-620-91	MYLAR	0.0033MF 10% 100V	
R731	1-247-719-11	CARBON	3.3K 5% 1/4W F	C2504	1-102-074-00	CERAMIC	0.001MF 10% 50V	

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	
C2505	1-106-367-00	MYLAR	0.01MF	10%	100V	L2506	1-459-123-00	COIL, DUST CORE(PAC)
C2506	1-108-620-91	MYLAR	0.0033MF	10%	100V			<u>TRANSISTOR</u>
C2507	1-106-367-00	MYLAR	0.01MF	10%	100V	Q2501	8-729-178-54	TRANSISTOR 2SC2785
C2508	1-123-379-00	ELECT	0.47MF	20%	50V	Q2502	8-729-178-54	TRANSISTOR 2SC2785
C2509	1-123-356-00	ELECT	10MF	20%	50V	Q2503	8-729-178-54	TRANSISTOR 2SC2785
C2510	1-123-356-00	ELECT	10MF	20%	50V	Q2504	8-729-178-54	TRANSISTOR 2SC2785
C2511	1-123-359-00	ELECT	47MF	20%	50V	Q2505	8-729-178-54	TRANSISTOR 2SC2785
C2512	1-123-359-00	ELECT	47MF	20%	50V	Q2506	8-729-122-02	TRANSISTOR 2SA1220A
C2513	1-123-357-00	ELECT	22MF	20%	50V	Q2507	8-729-169-02	TRANSISTOR 2SC2690A
C2514	1-123-361-00	ELECT	220MF	20%	50V	Q2510	8-729-195-82	TRANSISTOR 2SC2958
C2515	1-123-333-00	ELECT	100MF	20%	25V	Q2511	8-729-117-54	TRANSISTOR 2SA1175
C2516	1-123-360-00	ELECT	100MF	20%	50V	Q2512	8-729-122-02	TRANSISTOR 2SA1220A
C2517	1-129-701-00	FILM	0.01MF	5%	100V	Q2515	8-729-117-54	TRANSISTOR 2SA1175
C2518	1-102-231-11	CERAMIC	47PF	10%	500V	Q2516	8-729-178-54	TRANSISTOR 2SC2785
C2520	1-123-380-00	ELECT	1MF	20%	50V			
C2521	1-108-849-00	MYLAR	0.1MF	10%	50V			<u>RESISTOR</u>
C2522	1-123-332-00	ELECT	47MF	20%	25V	R2501	1-249-435-11	CARBON 33K 5% 1/6W
C2523	1-108-637-00	MYLAR	0.082MF	10%	100V	R2502	1-249-429-11	CARBON 10K 5% 1/6W
C2524	1-106-222-00	MYLAR	0.12MF	10%	100V	R2503	1-249-435-11	CARBON 33K 5% 1/6W
C2525	1-123-379-00	ELECT	0.47MF	20%	50V	R2504	1-249-429-11	CARBON 10K 5% 1/6W
C2526	1-108-634-81	MYLAR	0.047MF	10%	100V	R2505	1-249-420-11	CARBON 1.8K 5% 1/6W
C2527	1-108-614-91	MYLAR	0.001MF	10%	100V	R2506	1-249-429-11	CARBON 10K 5% 1/6W
C2530	1-106-224-00	MYLAR	0.15MF	10%	100V	R2507	1-249-437-11	CARBON 47K 5% 1/6W
C2532	1-106-367-00	MYLAR	0.01MF	10%	100V	R2508	1-249-437-11	CARBON 47K 5% 1/6W
C2535	1-108-630-91	MYLAR	0.022MF	10%	100V	R2509	1-249-418-11	CARBON 1.2K 5% 1/6W
C2536	1-123-379-00	ELECT	0.47MF	20%	50V	R2510	1-249-438-11	CARBON 56K 5% 1/6W
C2537	1-123-332-00	ELECT	47MF	20%	25V			
C2538	1-123-369-00	ELECT	4.7MF	20%	50V	R2511	1-249-439-11	CARBON 68K 5% 1/6W
						R2512	1-249-429-11	CARBON 10K 5% 1/6W
						R2513	1-249-417-11	CARBON 1K 5% 1/6W
D21	*1-566-058-11	PIN, CONNECTOR 6P				R2514	1-247-700-11	CARBON 100 5% 1/4W
D22	*1-508-767-00	5P PLUG				R2515	1-249-439-11	CARBON 68K 5% 1/6W
D23	*1-508-766-00	4P PLUG (M)				R2516	1-249-425-11	CARBON 4.7K 5% 1/6W
D24	*1-508-765-00	3P PLUG (M)				R2517	1-249-439-11	CARBON 68K 5% 1/6W
D25	*1-508-784-00	1P PLUG				R2518	1-249-439-11	CARBON 68K 5% 1/6W
D26	*1-566-054-11	PIN, CONNECTOR 2P				R2519	1-249-437-11	CARBON 47K 5% 1/6W
						R2520	1-249-421-11	CARBON 2.2K 5% 1/6W
						R2521	1-249-439-11	CARBON 68K 5% 1/6W
						R2522	1-249-430-11	CARBON 12K 5% 1/6W
D2501	8-719-911-19	DIODE 1SS119				R2523	1-249-423-11	CARBON 3.3K 5% 1/6W
D2502	8-719-200-02	DIODE 10E2				R2524	1-247-849-00	CARBON 5.6K 5% 1/6W
D2503	8-719-200-02	DIODE 10E2				R2525	1-247-849-00	CARBON 5.6K 5% 1/6W
D2504	8-719-911-19	DIODE 1SS119				R2526	1-249-423-11	CARBON 3.3K 5% 1/6W
D2505	8-719-911-19	DIODE 1SS119				R2527	1-249-433-11	CARBON 22K 5% 1/6W
D2506	8-719-200-02	DIODE 10E2				R2528	1-249-425-11	CARBON 4.7K 5% 1/6W
D2507	8-719-110-51	DIODE RD20ES-B				R2529	1-249-433-11	CARBON 22K 5% 1/6W
						R2530	1-249-423-11	CARBON 3.3K 5% 1/6W
						R2531	1-249-401-11	CARBON 47 5% 1/6W F
						R2532	1-249-401-11	CARBON 47 5% 1/6W F
L2501	1-407-877-00	MICRO INDUCTOR 15MMH				R2533	1-249-399-11	CARBON 33 5% 1/6W F
L2502	1-459-119-00	COIL, DUST CORE(ARC)				R2534	1-249-429-11	CARBON 10K 5% 1/6W
L2503	1-407-504-00	MICRO INDUCTOR 10MMH				R2540	1-249-434-11	CARBON 27K 5% 1/6W
L2504	1-459-583-11	COIL (WITH CORE)						
L2505	1-443-012-00	TRANSFORMER, DYNAMIC CONVERSION						

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R2634	1-247-700-11	CARBON	100 5% 1/4W	C551	1-123-357-00	ELECT	22MF 20% 50V
R2635	1-247-722-11	CARBON	5.6K 5% 1/4W	C552	1-123-356-00	ELECT	10MF 20% 50V
R2636	1-249-427-11	CARBON	6.8K 5% 1/6W	C555	1-123-379-00	ELECT	0.47MF 20% 50V
R2637	1-249-433-11	CARBON	22K 5% 1/6W	C556	1-136-175-00	FILM	0.68MF 5% 50V
R2638	1-249-431-11	CARBON	15K 5% 1/6W	C557	1-136-169-00	FILM	0.22MF 5% 50V
R2639	1-249-437-11	CARBON	47K 5% 1/6W	C1501	1-136-161-00	FILM	0.047MF 5% 50V
R2640	1-249-429-11	CARBON	10K 5% 1/6W	C1502	1-106-220-00	MYLAR	0.1MF 10% 100V
R2642	1-249-424-11	CARBON	3.9K 5% 1/6W	C1503	1-106-371-00	MYLAR	0.015MF 10% 100V
R2643	1-249-423-11	CARBON	3.3K 5% 1/6W	C1504	1-123-330-00	ELECT	22MF 20% 16V
R2644	1-247-885-00	CARBON	180K 5% 1/6W	C1505	1-108-630-91	MYLAR	0.022MF 10% 100V
R2645	1-249-429-11	CARBON	10K 5% 1/6W	C1506	1-123-356-00	ELECT	10MF 20% 25V
<u>VARIABLE RESISTOR</u>				C1507	1-123-332-00	ELECT	47MF 20% 25V
				C1508	1-130-868-00	FILM	0.0056MF 5% 50V
				C1509	1-123-369-00	ELECT	4.7MF 20% 25V
				C1510	1-102-820-00	CERAMIC	330PF 5% 50V
RV2601	1-228-728-00	RES, ADJ, CERAMIC	CARBON 100K	C1511	1-123-321-00	ELECT	220MF 20% 16V
RV2602	1-228-728-00	RES, ADJ, CERAMIC	CARBON 100K	C1512	1-123-379-00	ELECT	0.47MF 20% 50V
RV2603	1-228-724-00	RES, ADJ, CERAMIC	CARBON 10K	C1520	1-102-125-00	CERAMIC	0.0047MF 10% 50V
RV2604	1-228-724-00	RES, ADJ, CERAMIC	CARBON 10K	C1521	1-108-631-81	MYLAR	0.027MF 10% 100V
RV2605	1-228-725-00	RES, ADJ, CERAMIC	CARBON 22K	C1522	1-123-333-00	ELECT	100MF 20% 25V
RV2606	1-228-727-00	RES, ADJ, CERAMIC	CARBON 47K	C1523	1-102-978-00	CERAMIC	220PF 5% 50V
*****				C1524	1-106-379-12	MYLAR	0.033MF 10% 200V
*A-1345-699-A D BOARD, COMPLETE				C1525	1-162-117-00	CERAMIC	100PF 10% 500V
*****				C1526	1-102-157-00	CERAMIC	560PF 10% 500V
*****				C1527	1-102-038-00	CERAMIC	0.001MF 500V
<u>CAPACITOR</u>				C1528	1-106-379-12	MYLAR	0.033MF 10% 200V
C501	1-123-380-00	ELECT	1MF 20% 50V	C1529	1-102-820-00	CERAMIC	330PF 5% 50V
C502	1-108-622-91	MYLAR	0.0047MF 10% 100V	C1530	1-123-361-00	ELECT	220MF 20% 50V
C503	1-108-618-91	MYLAR	0.0022MF 10% 100V	C1531	1-125-294-00	ELECT(BLOCK)	560MF 20% 160V
C504	1-123-323-00	ELECT	470MF 20% 16V	C1532	1-124-006-11	ELECT	10MF 20% 25V
C505	1-123-379-00	ELECT	0.47MF 20% 50V	C1533A	1-162-115-51	CERAMIC	330PF 10% 2KV
C506	1-123-318-00	ELECT	33MF 20% 16V	C1534A	1-136-330-11	FILM	0.014MF 3% 1.6KV
C507	1-123-379-00	ELECT	0.47MF 20% 50V	C1535	1-129-953-00	FILM	0.068MF 20% 1.5KV
C508	1-136-173-00	FILM	0.47MF 5% 50V	C1536	1-123-333-00	ELECT	100MF 20% 16V
C509	1-123-357-00	ELECT	22MF 20% 50V	C1537	1-123-333-00	ELECT	100MF 20% 16V
C512	1-136-162-00	FILM	0.056MF 5% 50V	C1539A	1-162-116-11	CERAMIC	680PF 10% 2KV
C514	1-124-609-11	ELECT	470MF 10% 50V	C1540	1-162-115-00	CERAMIC	330PF 10% 2KV
C515	1-124-625-11	ELECT	22MF 10% 50V	C1541	1-108-630-91	MYLAR	0.022MF 10% 100V
C516	1-123-336-00	ELECT	470MF 20% 25V	C1542	1-136-179-00	FILM	1.5MF 5% 200V
C520	1-102-244-00	CERAMIC	220PF 10% 500V	C1543	1-102-820-00	CERAMIC	330PF 5% 50V
C521	1-123-364-00	ELECT	1000MF 20% 50V	C1544	1-136-328-11	FILM	1MF 5% 400V
C522	1-123-875-91	ELECT	10MF 20% 50V	C1549	1-106-367-00	MYLAR	0.01MF 10% 100V
C523	1-106-387-00	MYLAR	0.1MF 10% 200V	C1550	1-102-973-00	CERAMIC	100PF 5% 50V
C524	1-106-381-12	MYLAR	0.039MF 10% 200V	C1551	1-102-030-00	CERAMIC	330PF 10% 500V
C525	1-102-244-00	CERAMIC	220PF 10% 500V	C1552	1-106-367-00	MYLAR	0.01MF 10% 100V
C526	1-124-342-00	ELECT	3.3MF 20% 160V	C1553	1-123-379-00	ELECT	0.47MF 20% 50V
C527	1-108-694-81	MYLAR	0.015MF 10% 200V	C1554	1-106-367-00	MYLAR	0.01MF 10% 100V
C528	1-162-318-11	CERAMIC	0.001MF 10% 500V	C1555	1-102-110-00	CERAMIC	220PF 10% 50V
C531	1-123-379-00	ELECT	0.47MF 20% 50V	C1556	1-123-333-00	ELECT	100MF 20% 25V
C545	1-123-330-00	ELECT	22MF 20% 25V	C1557	1-108-622-91	MYLAR	0.0047MF 10% 100V
C546	1-123-381-00	ELECT	2.2MF 20% 50V	C1558	1-123-330-00	ELECT	22MF 20% 16V
C547	1-123-333-00	ELECT	100MF 20% 25V	C1559	1-123-379-00	ELECT	0.47MF 20% 50V
C548	1-123-321-00	ELECT	220MF 20% 16V	C1560	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.

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	
C1565	1-106-220-00	MYLAR	0.1MF	10%	100V	D510	8-719-109-88	DIODE RD5.6ES-B1
C1566 ^A	1-162-115-51	CERAMIC	330PF	10%	2KV	D511	8-719-815-55	DIODE 1S1555
C1567 ^A	1-162-115-51	CERAMIC	330PF	10%	2KV	D513	8-719-110-38	DIODE RD15ES-B
C1568 ^A	1-130-706-11	FILM	0.008MF	3%	1.6KV	D520	8-719-190-00	DIODE RD24E-BZ7
C1569 ^A	1-129-747-11	FILM	0.047MF	10%	400V	D521	8-719-815-55	DIODE 1S1555
C1570	1-129-751-00	FILM	0.1MF	20%	400V	D522	8-719-101-61	DIODE RD6.2E-L2
C1571	1-102-030-00	CERAMIC	330PF	10%	500V	D1502	8-719-815-55	DIODE 1S1555
C1572	1-123-321-00	ELECT	220MF	20%	16V	D1503	8-719-110-38	DIODE RD15ES-B
C1576	1-123-332-00	ELECT	47MF	20%	25V	D1508	8-719-815-55	DIODE 1S1555
C1577	1-123-318-00	ELECT	33MF	20%	16V	D1509	8-719-200-02	DIODE 10E2
C1578	1-108-630-91	MYLAR	0.022MF	10%	100V	D1510	8-719-300-76	DIODE RH1A
C1579	1-106-220-00	MYLAR	0.1MF	10%	100V	D1511	8-719-300-76	DIODE RH1A
C1585	1-123-357-00	ELECT	22MF	20%	50V	D1512	8-719-300-76	DIODE RH1A
C1586	1-108-621-91	MYLAR	0.0039MF	10%	100V	D1513	8-719-901-19	DIODE V11N
C1587	1-131-351-00	TANTALUM	4.7MF	10%	35V	D1515	8-719-200-02	DIODE 10E2
C1591	1-124-005-11	ELECT	4.7MF	20%	50V	D1516	8-719-903-09	DIODE V30N
C1592	1-106-367-00	MYLAR	0.01MF	10%	200V	D1517 ^A	8-719-906-15	DIODE ERC26-15S
C1593	1-136-171-00	FILM	0.33MF	5%	50V	D1517 ^B	8-719-906-15	DIODE ERC26-15S
C1595	1-123-381-00	ELECT	2.2MF	20%	50V	D1518 ^A	8-719-928-08	DIODE ERD28-08S
C1596	1-123-369-00	ELECT	4.7MF	20%	50V	D1518 ^B	8-719-928-08	DIODE ERD28-08S
C1597	1-136-175-00	FILM	0.68MF	5%	50V	D1525	8-719-815-55	DIODE 1S1555
C1598	1-102-816-00	CERAMIC	120PF	5%	50V	D1527	8-719-300-76	DIODE RH1A
C1599	1-106-367-00	MYLAR	0.01MF	10%	100V	D1528	8-719-926-16	DIODE ERC26-15SA
C1601	1-106-367-00	MYLAR	0.01MF	10%	100V	D1529	8-719-300-76	DIODE RH1A
C1602	1-106-367-00	MYLAR	0.01MF	10%	100V	D1530	8-719-300-76	DIODE RH1A
C1603	1-106-367-00	MYLAR	0.01MF	10%	100V	D1531	8-719-300-38	DIODE GU-3A
C1604	1-106-367-00	MYLAR	0.01MF	10%	100V	D1535	8-719-110-60	DIODE RD24ES-B
C1605	1-123-381-00	ELECT	2.2MF	20%	50V	D1536	8-719-102-65	DIODE RD4.7E-N2
C1606	1-123-985-00	ELECT	1000MF	20%	16V	D1537	8-719-102-74	DIODE RD6.2E-N2
C1607	1-136-162-00	FILM	0.056MF	5%	50V	D1538	8-719-815-55	DIODE 1S1555
<u>CONNECTOR</u>								
D1	*1-508-766-00	4P PLUG (M)				D1540	8-719-102-71	DIODE RD5.6E-N2
D2	*1-566-055-11	PIN, CONNECTOR 3P				D1541	8-719-300-76	DIODE RH1A
D3	*1-566-054-11	PIN, CONNECTOR 2P						<u>IC</u>
D4	*1-508-767-00	5P PLUG				IC501	8-759-178-12	IC UPC78L12
D5	*1-506-348-XX	4P PLUG				IC503	8-759-178-12	IC UPC78L12
D6	*1-508-767-00	5P PLUG				IC1501	8-759-100-60	IC UPC1377C
D7	*1-566-056-11	PIN, CONNECTOR 4P				IC1502	8-759-700-08	IC NJM4558S
D8	*1-508-765-00	3P PLUG (M)				IC1503	8-759-700-08	IC NJM4558S
D9	*1-508-765-00	3P PLUG (M)						<u>COIL</u>
D10	*1-508-768-00	6P PLUG				L1501	1-459-060-00	COIL, DYNAMIC CONVERSION CHOKE
D11	*1-508-768-00	6P PLUG				L1501	1-407-364-00	COIL, SPOOK CHOKE 3.3UH
D12	*1-566-055-11	PIN, CONNECTOR 3P				L1502	1-459-215-00	CORE COIL
D15	*1-566-058-11	PIN, CONNECTOR 6P				L1503	1-407-365-00	COIL, CHOKE
D27	*1-566-058-11	PIN, CONNECTOR 6P				L1504	1-407-365-00	COIL, CHOKE
D28	*1-566-057-11	PIN, CONNECTOR 5P				L1505	1-407-365-00	COIL, CHOKE
<u>DIODE</u>								
D501	8-719-815-55	DIODE 1S1555				L1506	1-459-104-00	COIL, DUST CORE
D502	8-719-200-02	DIODE 10E2				L1507	1-407-365-00	COIL, CHOKE
D503	8-719-300-76	DIODE RH1A				L1508 ^A	1-421-390-11	COIL, FERRITE (PMC)
D504	8-719-300-76	DIODE RH1A				L1510	1-407-365-00	COIL, CHOKE
D506	8-719-200-02	DIODE 10E2				L1511	1-407-365-00	COIL, CHOKE
D508	8-719-110-34	DIODE RD13ES-B				L1512 ^A	1-459-308-31	COIL, HORIZONTAL LINEARITY

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

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<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
<u>IC LINK</u>											
PS501	1-532-727-11	LINK, IC				R506	1-249-435-11	CARBON	33K	5%	1/6W
						R507	1-249-424-11	CARBON	3.9K	5%	1/6W
						R508	1-247-726-11	CARBON	33K	5%	1/4W
						R509	1-249-428-11	CARBON	8.2K	5%	1/6W
						R510	1-249-431-11	CARBON	15K	5%	1/6W
<u>TRANSISTOR</u>											
Q501	8-729-178-54	TRANSISTOR 2SC2785				R511	1-249-432-11	CARBON	18K	5%	1/6W
Q502	8-729-178-54	TRANSISTOR 2SC2785				R512	1-247-158-00	CARBON	13K	5%	1/4W
Q503	8-729-117-54	TRANSISTOR 2SA1175				R513	1-249-430-11	CARBON	12K	5%	1/6W
Q505	8-729-117-54	TRANSISTOR 2SA1175				R514	1-215-466-00	CARBON	75K	5%	1/6W
Q506	8-729-178-54	TRANSISTOR 2SC2785				R515	1-249-468-11	CARBON	82K	5%	1/4W
Q510	8-729-195-82	TRANSISTOR 2SC2958				R516	1-247-713-11	CARBON	1K	5%	1/4W
Q511	8-729-122-02	TRANSISTOR 2SA1220A				R517	1-249-420-11	CARBON	1.8K	5%	1/6W
Q512	8-729-169-02	TRANSISTOR 2SC2690A				R518	1-247-721-11	CARBON	4.7K	5%	1/4W
Q515	8-729-117-54	TRANSISTOR 2SA1175				R519	1-247-715-11	CARBON	1.5K	5%	1/4W
Q516	8-729-177-43	TRANSISTOR 2SD774				R520	1-249-429-11	CARBON	10K	5%	1/6W
Q518	8-729-178-54	TRANSISTOR 2SC2785				R521	1-249-434-11	CARBON	27K	5%	1/6W
Q522	8-729-117-54	TRANSISTOR 2SA1175				R522	1-249-438-11	CARBON	56K	5%	1/6W
Q523	8-729-117-54	TRANSISTOR 2SA1175				R523	1-214-765-00	METAL	33K	1%	1/4W
Q1501	8-729-117-54	TRANSISTOR 2SA1175				R525	1-216-353-00	METAL OXIDE	2.2	5%	1W F
Q1503	8-729-203-81	TRANSISTOR 2SC2238B				R526	1-249-423-11	CARBON	3.3K	5%	1/6W
Q1504	8-729-301-74	TRANSISTOR 2SD1497-04				R527	1-249-420-11	CARBON	1.8K	5%	1/6W
	4-374-410-01	SPACER, MICA; Q1504				R528	1-249-413-11	CARBON	470	5%	1/6W
*4-374-413-01	RETAINER (A), TR; Q1504					R529	1-249-414-11	CARBON	560	5%	1/6W
Q1505	8-729-177-43	TRANSISTOR 2SD774				R530	1-247-705-11	CARBON	270	5%	1/4W
Q1506	8-729-103-43	TRANSISTOR 2SB734				R536	1-249-393-11	CARBON	10	5%	1/6W F
Q1507	8-726-420-00	THYRISTOR SG-264A				R537	1-249-399-11	CARBON	33	5%	1/6W F
	3-703-320-00	BUSHING (A), TRANSISTOR; Q1507				R538	1-215-869-11	METAL OXIDE	1K	5%	1W F
	4-303-844-00	SPACER, MICA (4) MD-17; Q1507				R539	1-216-350-11	METAL OXIDE	1.2	5%	1W F
*4-309-762-00	RETAINER (MD-17), TRANSISTOR; Q1507					R540	1-249-405-11	CARBON	100	5%	1/6W F
Q1508	8-729-301-74	TRANSISTOR 2SD1497-04				R541	1-216-350-11	METAL OXIDE	1.2	5%	1W F
	4-374-410-01	SPACER, MICA; Q1508				R542	1-215-865-11	METAL OXIDE	220	5%	1W F
*4-374-413-01	RETAINER (A), TR; Q1508					R543	1-249-382-11	CARBON	1.2	5%	1/6W F
Q1511	8-729-103-43	TRANSISTOR 2SB734				R544	1-215-869-11	METAL OXIDE	1K	5%	1W F
Q1512	8-729-117-54	TRANSISTOR 2SA1175				R546	1-247-715-11	CARBON	1.5K	5%	1/4W
Q1513	8-729-178-54	TRANSISTOR 2SC2785				R551	1-216-432-00	METAL OXIDE	820	5%	1W F
Q1514	8-729-178-54	TRANSISTOR 2SC2785				R552	1-247-720-11	CARBON	3.9K	5%	1/4W
Q1515	8-729-178-54	TRANSISTOR 2SC2785				R553	1-215-891-11	METAL OXIDE	680	5%	2W F
Q1520	8-729-168-82	TRANSISTOR 2SC2688				R554	1-247-721-11	CARBON	4.7K	5%	1/4W
	4-377-115-01	SPACER, MICA; Q1520				R557	1-247-725-11	CARBON	10K	5%	1/4W
*4-381-170-01	HOLDER, TR; Q1520					R558	1-249-427-11	CARBON	6.8K	5%	1/6W
Q1521	8-729-900-36	TRANSISTOR DTC124ES				R560	1-249-417-11	CARBON	1K	5%	1/6W
Q1522	8-729-900-36	TRANSISTOR DTC124ES				R561	1-247-708-11	CARBON	470	5%	1/4W
Q1523	8-729-900-36	TRANSISTOR DTC124ES				R562	1-247-704-11	CARBON	220	5%	1/4W
Q1524	8-729-900-36	TRANSISTOR DTC124ES				R563	1-247-704-11	CARBON	220	5%	1/4W
Q1525	8-729-900-36	TRANSISTOR DTC124ES				R564	1-247-711-11	CARBON	680	5%	1/4W
Q1526	8-729-900-36	TRANSISTOR DTC124ES				R581	1-249-427-11	CARBON	6.8K	5%	1/6W
	<u>RESISTOR</u>					R582	1-249-441-11	CARBON	100K	5%	1/6W F
R501	1-215-485-00	CARBON	470K	5%	1/6W	R593	1-215-926-00	METAL OXIDE	33K	5%	3W F
R502	1-249-427-11	CARBON	6.8K	5%	1/6W	R593A	1-215-926-00	METAL OXIDE	33K	5%	3W F
R503	1-249-425-11	CARBON	4.7K	5%	1/6W	R594	1-249-460-11	CARBON	15K	5%	1/4W
R504	1-249-429-11	CARBON	10K	5%	1/6W	R595	1-249-431-11	CARBON	15K	5%	1/6W
R505	1-249-421-11	CARBON	2.2K	5%	1/6W	R596	1-246-488-00	CARBON	4.3K	5%	1/4W
						R597	1-249-461-11	CARBON	18K	5%	1/4W
						R598	1-214-750-00	METAL	7.5K	1%	1/4W

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R599	1-214-741-00	METAL	3.3K 1% 1/4W	R1563	1-249-422-11	CARBON	2.7K 5% 1/6W
R1501	1-249-411-11	CARBON	330 5% 1/6W	R1564	1-249-405-11	CARBON	100 5% 1/6W F
R1502	1-247-723-11	CARBON	6.8K 5% 1/4W	R1565	1-249-462-11	CARBON	22K 5% 1/4W
R1503	1-249-405-11	CARBON	100 5% 1/6W	R1566	1-249-439-11	CARBON	68K 5% 1/6W
R1504	1-249-435-11	CARBON	33K 5% 1/6W	R1567	1-249-435-11	CARBON	33K 5% 1/6W
R1505	1-249-436-11	CARBON	39K 5% 1/6W	R1568	1-247-713-11	CARBON	1K 5% 1/4W
R1506	1-247-894-00	CARBON	430K 5% 1/6W	R1571	1-249-382-11	CARBON	1.2 5% 1/6W F
R1507	1-249-462-11	CARBON	22K 5% 1/4W	R1572	1-249-448-11	CARBON	1.2 5% 1/4W F
R1508	1-249-429-11	CARBON	10K 5% 1/6W	R1573	1-249-382-11	CARBON	1.2 5% 1/6W F
R1509	1-249-405-11	CARBON	100 5% 1/6W	R1574	1-216-424-11	METAL OX IDE	39 5% 1W F
R1510	1-249-433-11	CARBON	22K 5% 1/6W	R1575	1-249-382-11	CARBON	1.2 5% 1/6W F
R1511	1-215-471-00	CARBON	120K 5% 1/6W	R1576	1-215-869-11	METAL OX IDE	1K 5% 1W F
R1512	1-249-440-11	CARBON	82K 5% 1/6W	R1577	1-249-425-11	CARBON	4.7K 5% 1/6W
R1513	1-249-423-11	CARBON	3.3K 5% 1/6W	R1578	1-202-723-00	SOLID	2.2M 10% 1/2W
R1514	1-247-868-00	CARBON	36K 5% 1/6W	R1579	1-247-718-11	CARBON	2.7K 5% 1/4W
R1516	1-249-430-11	CARBON	12K 5% 1/6W	R1580	1-249-439-11	CARBON	68K 5% 1/6W
R1518	1-249-429-11	CARBON	10K 5% 1/6W	R1581	1-249-441-11	CARBON	100K 5% 1/6W
R1520	1-249-435-11	CARBON	33K 5% 1/6W	R1582	1-249-429-11	CARBON	10K 5% 1/6W
R1521	1-247-701-11	CARBON	120 5% 1/4W	R1583	1-249-427-11	CARBON	6.8K 5% 1/6W
R1525	1-247-723-11	CARBON	6.8K 5% 1/4W	R1584	1-249-421-11	CARBON	2.2K 5% 1/6W
R1530	1-247-700-11	CARBON	100 5% 1/4W	R1585	1-247-713-11	CARBON	1K 5% 1/4W
R1531	1-247-713-11	CARBON	1K 5% 1/4W F	R1588	1-215-871-11	METAL OX IDE	2.2K 5% 1W F
R1532	1-215-922-11	METAL OX IDE	6.8K 5% 3W F	R1589	1-247-726-11	CARBON	33K 5% 1/4W
R1532A	1-215-922-11	METAL OX IDE	6.8K 5% 3W F	R1590	1-247-726-11	CARBON	33K 5% 1/4W
R1533	1-247-721-11	CARBON	4.7K 5% 1/4W	R1592	1-214-779-00	METAL	120K 1% 1/4W
R1534	1-215-918-00	METAL OXIDE	1.5K 5% 3W F	R1593	1-214-781-00	METAL	150K 1% 1/4W
R1534A	1-216-482-11	METAL OXIDE	1.8K 5% 3W F	R1594	1-247-722-11	CARBON	5.6K 5% 1/4W
R1535	1-216-388-11	METAL OXIDE	0.82 5% 3W F	R1595	1-214-777-00	METAL	100K 1% 1/4W
R1536	1-247-697-11	CARBON	56 5% 1/4W	R1597	1-214-752-00	METAL	9.1K 1% 1/4W
R1537	1-249-385-11	CARBON	2.2 5% 1/6W F	R1598	1-214-749-00	METAL	6.8K 1% 1/4W
R1538	1-249-385-11	CARBON	2.2 5% 1/6W F	R1599	1-215-473-00	CARBON	150K 5% 1/6W
R1539	1-216-434-11	METAL OXIDE	1.8K 5% 1W F	R1600	1-249-405-11	CARBON	100 5% 1/6W
R1541	1-215-915-11	METAL OXIDE	470 5% 3W F	R1601	1-246-531-00	CARBON	270K 5% 1/4W
R1541A	1-216-479-11	METAL OXIDE	560 5% 3W F	R1602	1-215-477-00	CARBON	220K 5% 1/6W
R1542	1-215-880-00	METAL OXIDE	10 5% 2W F	R1603	1-247-725-11	CARBON	10K 5% 1/4W
R1543	1-215-869-11	METAL OXIDE	1K 5% 1W F	R1604	1-247-725-11	CARBON	10K 5% 1/4W
R1544	1-216-448-11	METAL OXIDE	39 5% 2W F	R1605	1-247-725-11	CARBON	10K 5% 1/4W
R1545	1-247-693-11	CARBON	27 5% 1/4W	R1606	1-247-725-11	CARBON	10K 5% 1/4W
R1546	1-216-371-00	METAL OXIDE	1.5 5% 2W F	R1607	1-247-725-11	CARBON	10K 5% 1/4W
R1547	1-247-697-11	CARBON	56 5% 1/4W	R1608	1-249-469-11	CARBON	100K 5% 1/4W
R1548	1-249-382-11	CARBON	1.2 5% 1/6W F	R1609	1-249-433-11	CARBON	22K 5% 1/6W
R1549	1-249-382-11	CARBON	1.2 5% 1/6W F	R1610	1-247-725-11	CARBON	10K 5% 1/4W
R1552	1-247-725-11	CARBON	10K 5% 1/4W	R1611	1-249-433-11	CARBON	22K 5% 1/6W
R1553	1-249-425-11	CARBON	4.7K 5% 1/6W F	R1612	1-249-422-11	CARBON	2.7K 5% 1/6W
R1554	1-247-705-11	CARBON	270 5% 1/4W	R1613	1-249-451-11	CARBON	2.2 5% 1/4W F
R1555	1-249-465-11	CARBON	47K 5% 1/4W	R1614	1-247-700-11	CARBON	100 5% 1/4W
R1556	1-249-425-11	CARBON	4.7K 5% 1/6W	<u>VARIABLE RESISTOR</u>			
R1557	1-249-429-11	CARBON	10K 5% 1/6W	RV501	1-228-717-00	RES, ADJ, CERAMIC	CARBON 220
R1558	1-249-425-11	CARBON	4.7K 5% 1/6W	RV503	1-228-727-00	RES, ADJ, CERAMIC	CARBON 47K
R1559	1-249-417-11	CARBON	1K 5% 1/6W	RV1501	1-228-723-00	RES, ADJ, CERAMIC	CARBON 4.7K
R1560	1-247-862-00	CARBON	20K 5% 1/6W	RV1503	1-228-720-00	RES, ADJ, CERAMIC	CARBON 1K
R1561	1-214-746-00	METAL	5.1K 1% 1/4W	RV1505	1-228-720-00	RES, ADJ, CERAMIC	CARBON 1K
R1562	1-247-713-11	CARBON	1K 5% 1/4W				

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
RV1506	1-228-727-00	RES, ADJ, CERAMIC CARBON 47K		R986	1-249-429-11	CARBON	10K 5% 1/6W
RV1510	1-228-720-00	RES, ADJ, CERAMIC CARBON 1K		R988	1-249-405-11	CARBON	100 5% 1/6W
RV1511	1-228-729-00	RES, ADJ, CERAMIC CARBON 220K		R989	1-249-417-11	CARBON	1K 5% 1/6W
		<u>SPARK GAP</u>		R990	1-249-432-11	CARBON	18K 5% 1/6W
SG1501	1-519-063-XX	DISCHARGING GAP		R991	1-249-408-11	CARBON	180 5% 1/6W
		<u>TRANSFORMER</u>		R992	1-249-427-11	CARBON	6.8K 5% 1/6W
T1501Δ	1-437-089-11	TRANSFORMER, HORIZONTAL DRIVE		R993	1-249-418-11	CARBON	1.2K 5% 1/6W
T1502	1-437-089-00	TRANSFORMER, HORIZONTAL DRIVE		R994	1-249-420-11	CARBON	1.8K 5% 1/6W
T1503Δ	1-439-356-11	HOT					<u>VARIABLE RESISTOR</u>
T1513Δ	1-421-388-11	LOT		RV982	1-237-349-11	RES, VAR, CARBON 10K	
		<u>THERMISTOR</u>		RV983	1-237-712-11	RES, VAR, CARBON 10K	
TH501	1-800-070-XX	THERMISTOR TH-4700		RV984	1-237-712-11	RES, VAR, CARBON 10K	
				RV985	1-237-350-11	RES, VAR, CARBON 20K	
				RV986	1-230-631-11	RES, ADJ, CARBON 22K	
				RV987	1-237-348-11	RES, VAR, CARBON 5K	

*1-621-541-11	HD BOARD	*****		*A-1380-192-A	K BOARD, COMPLETE	*****	
		<u>SWITCH</u>			4-309-378-00	WASHER	
S996	1-570-145-11	SWITCH, SLIDE					
S997	1-570-145-11	SWITCH, SLIDE					

*A-1375-066-A HC BOARD, COMPLETE				C201	1-123-379-00	ELECT	0.47MF 20% 50V
		*****		C202	1-124-042-91	ELECT	0.47MF 20% 50V
		<u>CAPACITOR</u>		C203	1-123-332-00	ELECT	47MF 20% 16V
C982	1-130-023-00	FILM	0.0027MF 5% 50V	C204	1-123-332-00	ELECT	47MF 20% 16V
C983	1-130-028-00	FILM	0.0068MF 5% 50V	C205	1-108-850-11	MYLAR	0.12MF 10% 50V
C984	1-108-837-00	MYLAR	0.01MF 10% 50V	C206	1-102-125-00	CERAMIC	0.0047MF 10% 50V
C985	1-123-617-00	ELECT	10MF 20% 16V	C207	1-102-125-00	CERAMIC	0.0047MF 10% 50V
C986	1-123-356-00	ELECT	10MF 20% 25V	C208	1-108-850-11	MYLAR	0.12MF 10% 50V
		<u>DIODE</u>		C209	1-123-369-00	ELECT	4.7MF 20% 25V
D971	8-719-109-85	DIODE RD5.1ES-B2		C210	1-123-369-00	ELECT	4.7MF 20% 25V
		<u>CONNECTOR</u>		C211	1-123-369-00	ELECT	4.7MF 20% 25V
HC1	*1-566-057-11	PIN, CONNECTOR 5P		C212	1-123-369-00	ELECT	4.7MF 20% 25V
HC2	*1-566-056-11	PIN, CONNECTOR 4P		C213	1-123-321-00	ELECT	220MF 20% 16V
HC3	*1-566-054-11	PIN, CONNECTOR 2P		C218	1-124-555-00	ELECT	1000MF 20% 16V
HC4	*1-566-054-11	PIN, CONNECTOR 2P		C219	1-123-973-00	ELECT	100MF 20% 16V
		<u>IC</u>		C220	1-124-042-91	ELECT	0.47MF 20% 50V
IC985	8-759-933-23	IC BA236		C221	1-124-042-91	ELECT	0.47MF 20% 50V
		<u>RESISTOR</u>		C222	1-162-283-31	CERAMIC	120PF 10% 50V
R982	1-249-429-11	CARBON	10K 5% 1/6W	C223	1-162-283-31	CERAMIC	120PF 10% 50V
R983	1-249-417-11	CARBON	1K 5% 1/6W	C224	1-124-034-91	ELECT	33MF 20% 16V
R984	1-249-429-11	CARBON	10K 5% 1/6W	C225	1-123-332-00	ELECT	47MF 20% 16V
R985	1-249-417-11	CARBON	1K 5% 1/6W	C227	1-108-849-00	MYLAR	0.1MF 10% 50V
				C228	1-123-379-00	ELECT	0.47MF 20% 50V
				C229	1-124-042-91	ELECT	0.47MF 20% 50V
				C230	1-162-283-31	CERAMIC	120PF 10% 50V
				C231	1-162-283-31	CERAMIC	120PF 10% 50V
				C232	1-124-034-91	ELECT	33MF 20% 16V
				C233	1-123-332-00	ELECT	47MF 20% 16V
				C235	1-108-849-00	MYLAR	0.1MF 10% 50V
				C236	1-124-471-00	ELECT	1000MF 20% 6.3V

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

**PVM-2730QM
RM-668****K HA**

<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>
C237	1-102-074-00	CERAMIC	0.001MF	10%	50V	R222	1-249-429-11	CARBON	10K	5%	1/6W
C238	1-102-074-00	CERAMIC	0.001MF	10%	50V	R223	1-249-432-11	CARBON	18K	5%	1/6W
C239	1-101-006-00	CERAMIC	0.047MF		50V	R224	1-249-437-11	CARBON	47K	5%	1/6W
C240	1-101-006-00	CERAMIC	0.047MF		50V	R225	1-249-409-11	CARBON	220	5%	1/6W
C241	1-101-006-00	CERAMIC	0.047MF		50V	R227	1-249-430-11	CARBON	12K	5%	1/6W
C242	1-125-296-00	ELECT(BLOCK)	4700MF		35V	R228	1-249-390-11	CARBON	5.6	5%	1/6W F
C243	1-125-296-00	ELECT(BLOCK)	4700MF		35V	R229	1-249-429-11	CARBON	10K	5%	1/6W
C244	1-123-332-00	ELECT	47MF	20%	16V	R230	1-249-432-11	CARBON	18K	5%	1/6W
C246	1-123-356-00	ELECT	10MF	20%	16V	R231	1-249-437-11	CARBON	47K	5%	1/6W
C251	1-123-356-00	ELECT	10MF	20%	25V	R232	1-249-409-11	CARBON	220	5%	1/6W
C252	1-123-875-91	ELECT	10MF	20%	50V	R234	1-249-430-11	CARBON	12K	5%	1/6W
		<u>DIODE</u>				R235	1-249-390-11	CARBON	5.6	5%	1/6W F
D201	8-719-109-93	DIODE RD6.2ES-B2				R236	1-249-429-11	CARBON	10K	5%	1/6W
D202	8-719-911-19	DIODE 1SS119				R237	1-249-429-11	CARBON	10K	5%	1/6W
D203	8-719-110-36	DIODE RD13ES-B2				R238	1-249-423-11	CARBON	3.3K	5%	1/6W
D204	8-719-110-36	DIODE RD13ES-B2				R239	1-249-437-11	CARBON	47K	5%	1/6W
		<u>IC</u>				R240	1-249-430-11	CARBON	12K	5%	1/6W
IC201	8-759-276-30	IC TA7630P				R241	1-249-441-11	CARBON	100K	5%	1/6W
IC204	8-759-111-88	IC UPC1188H				R242	1-249-429-11	CARBON	10K	5%	1/6W
IC205	8-759-111-88	IC UPC1188H				R243	1-249-417-11	CARBON	1K	5%	1/6W
		<u>CONNECTOR</u>				R244	1-249-417-11	CARBON	1K	5%	1/6W
K1	*1-566-057-11	PIN, CONNECTOR 5P				R245	1-249-417-11	CARBON	1K	5%	1/6W
K2	*1-508-767-00	5P PLUG				R246	1-249-417-11	CARBON	1K	5%	1/6W
K3	*1-566-056-11	PIN, CONNECTOR 4P				R252	1-249-419-11	CARBON	1.5K	5%	1/6W
K4	*1-566-054-11	PIN, CONNECTOR 2P				R257	1-249-423-11	CARBON	3.3K	5%	1/6W
K5	*1-508-765-00	3P PLUG (M)									
K7	*1-566-054-11	PIN, CONNECTOR 2P									
		<u>COIL</u>									
L201	1-408-424-00	MICRO INDUCTOR 180UH									
		<u>TRANSISTOR</u>									
Q201	8-729-178-54	TRANSISTOR 2SC2785				D905	8-719-911-19	DIODE 1SS119			
Q204	8-729-178-54	TRANSISTOR 2SC2785				D906	8-719-911-19	DIODE 1SS119			
Q205	8-729-178-54	TRANSISTOR 2SC2785				D907	8-719-911-19	DIODE 1SS119			
Q206	8-729-117-54	TRANSISTOR 2SA1175				D908	8-719-911-19	DIODE 1SS119			
Q209	8-729-117-54	TRANSISTOR 2SA1175				D909	8-719-911-19	DIODE 1SS119			
Q211	8-729-177-43	TRANSISTOR 2SD774				D910	8-719-911-19	DIODE 1SS119			
		<u>RESISTOR</u>				D911	9-990-893-01	LED TLY263P			
R201	1-249-441-11	CARBON	100K	5%	1/6W	D912	9-990-893-01	LED TLY263P			
R202	1-249-441-11	CARBON	100K	5%	1/6W	D913	9-990-893-01	LED TLY263P			
R203	1-249-419-11	CARBON	1.5K	5%	1/6W	D914	9-990-893-01	LED TLY263P			
R204	1-249-429-11	CARBON	10K	5%	1/6W	D915	9-990-893-01	LED TLY263P			
R205	1-249-430-11	CARBON	12K	5%	1/6W	D916	9-990-893-01	LED TLY263P			
R206	1-249-430-11	CARBON	12K	5%	1/6W	D917	9-990-893-01	LED TLY263P			
R207	1-249-419-11	CARBON	1.5K	5%	1/6W	D918	9-990-893-01	LED TLY263P			
R208	1-249-419-11	CARBON	1.5K	5%	1/6W	D919	9-990-893-01	LED TLY263P			
R211	1-249-420-11	CARBON	1.8K	5%	1/6W	D920	9-990-893-01	LED TLY263P			
R221	1-249-403-11	CARBON	68	5%	1/6W F	D921	9-990-893-01	LED TLY263P			
						D922	9-990-893-01	LED TLY263P			
						D923	9-990-893-01	LED TLY263P			
						D924	9-990-893-01	LED TLY263P			
						D925	9-990-893-01	LED TLY263P			
						D926	9-990-893-01	LED TLY263P			

PVM-2730QM
RM-668

HA	HB	N
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<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>				
D927	9-990-893-01	LED TLY263P		D952	9-990-893-01	LED TLY263P					
D928	9-990-893-01	LED TLY263P		D953	9-990-893-01	LED TLY263P					
D929	9-990-893-01	LED TLY263P		D954	9-990-893-01	LED TLY263P					
D930	9-990-893-01	LED TLY263P		D955	9-990-893-01	LED TLY263P					
D931	9-990-893-01	LED TLY263P		D956	9-990-893-01	LED TLY263P					
<u>RESISTOR</u>											
R905	1-247-700-11	CARBON	100 5% 1/4W	D957	9-990-893-01	LED TLY263P					
R906	1-247-704-11	CARBON	220 5% 1/4W	D958	9-990-893-01	LED TLY263P					
R907	1-247-700-11	CARBON	100 5% 1/4W	D959	9-990-893-01	LED TLY263P					
R908	1-247-704-11	CARBON	220 5% 1/4W	D960	9-990-893-01	LED TLY263P					
R909	1-247-700-11	CARBON	100 5% 1/4W	D961	9-990-893-01	LED TLY263P					
R910	1-247-704-11	CARBON	220 5% 1/4W	D962	9-990-893-01	LED TLY263P					
R911	1-247-700-11	CARBON	100 5% 1/4W	D963	9-990-893-01	LED TLY263P					
R912	1-247-704-11	CARBON	220 5% 1/4W	D964	9-990-893-01	LED TLY263P					
R913	1-247-700-11	CARBON	100 5% 1/4W	D965	9-990-893-01	LED TLY263P					
R914	1-247-704-11	CARBON	220 5% 1/4W	D968	9-990-901-01	LED TLS263P					
<u>RESISTOR</u>											
R915	1-247-700-11	CARBON	100 5% 1/4W	R940	1-247-703-11	CARBON	180 5% 1/4W				
R916	1-247-704-11	CARBON	220 5% 1/4W	R941	1-247-700-11	CARBON	100 5% 1/4W				
R917	1-247-704-11	CARBON	220 5% 1/4W	R942	1-247-704-11	CARBON	220 5% 1/4W				
R918	1-247-704-11	CARBON	220 5% 1/4W	R943	1-247-700-11	CARBON	100 5% 1/4W				
R919	1-247-704-11	CARBON	220 5% 1/4W	R944	1-247-704-11	CARBON	220 5% 1/4W				
<u>SWITCH</u>											
S905	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		R945	1-247-700-11	CARBON	100 5% 1/4W				
S906	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		R946	1-247-700-11	CARBON	100 5% 1/4W				
S907	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		R947	1-247-700-11	CARBON	100 5% 1/4W				
S908	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		R948	1-247-700-11	CARBON	100 5% 1/4W				
S909	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		R949	1-247-700-11	CARBON	100 5% 1/4W				
S910	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		R950	1-247-700-11	CARBON	100 5% 1/4W				
S911	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		R951	1-247-700-11	CARBON	100 5% 1/4W				
S912	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		<u>SWITCH</u>							
S913	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		S940	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)					
S914	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		S941	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)					
S915	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		S942	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)					

*9-992-243-01 HB BOARD (KEY BOARD UNIT B)				S943	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)					
*****				S944	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)					
<u>DIODE</u>											
D940	8-719-911-19	DIODE 1SS119		S945	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)					
D941	8-719-911-19	DIODE 1SS119		S946	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)					
D942	8-719-911-19	DIODE 1SS119		S947	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)					
D943	8-719-911-19	DIODE 1SS119		S948	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)					
D944	8-719-911-19	DIODE 1SS119		S949	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)					

*9-990-898-01 N BOARD (KEY BOARD UNIT B)											

<u>IC</u>											
IC935 8-741-138-70 IC BX1387 (DETECTOR)											
D945	8-719-911-19	DIODE 1SS119									
D946	8-719-911-19	DIODE 1SS119									
D947	8-719-911-19	DIODE 1SS119									
D948	9-990-901-01	LED TLS263P									
D949	9-990-901-01	LED TLS263P									
D950	9-990-893-01	LED TLY263P									
D951	9-990-893-01	LED TLY263P									

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
MISCELLANEOUS			

△.1-230-712-21		RESISTOR ASSY, HIGH-VOLTAGE	
△.1-426-278-21		COIL, DEMAGNETIZATION	
△.1-451-255-22		DEFLECTION YOKE (SY-164)	
1-452-032-00		MAGNET, DISK; 10MM Ø	
1-452-094-00		MAGNET, ROTATAB'E DISK; 15MM Ø	
1-452-146-21		MAGNET, BMC	
△.1-452-351-22		NECK ASSY, CRT (NA302)	
1-464-792-12		KEY BOARD UNIT (A)	
1-464-793-12		KEY BOARD UNIT (B)	
△.1-534-820-13		POWER CORD (AEP, AUS ONLY)	
△.		POWER CORD (WG ONLY)	
S1901△.1-554-966-12		SWITCH, PUSH (AC POWER)(1 KEY)	
T1691△.1-439-339-13		TRANSFORMER ASSY, FLYBACK	
V901 △.8-736-652-05		CRT (A64JKJ10X)(AEP, WG ONLY)	
△.8-736-654-05		CRT (A64JKJ10X)(AUS ONLY)	

ACCESORIES AND PACKING MATERIALS			

<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	
A-1470-789-A	COMMANDER ASSY (RM-668)		
*4-371-192-01	CUSHION (FRONT)		
*4-380-432-01	BAG, PROTECTION		
*4-382-051-01	CUSHION (LOWER) (ASSY)		
*4-382-053-01	CUSHION (UPPER) (ASSY)		
4-385-601-01	INDIVIDUAL CARTON		
4-482-400-11	MANUAL, INSTRUCTION		

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

PVM-2730uM

RM-668

SONY® SERVICE MANUAL

SUPPLEMENT

AEP Model

Chassis No. SCC-A91A-A

Serial No 2,000,100 and later

Australian Model

Chassis No. SCC-B04A-A

Serial No 2,000,601 and later

West Germany Model

Chassis No. SCC-B05A-A

Serial No 2,000,301 and later

No. 1

SUBJECT : CIRCUIT MODIFICATION

File this supplement with the service manual.

INTRODUCTIONS

1. B, FA, FC, QB and K board have been added.
2. B, QA, QB, D₂ and D board have been modified.



MICROFILM

MON

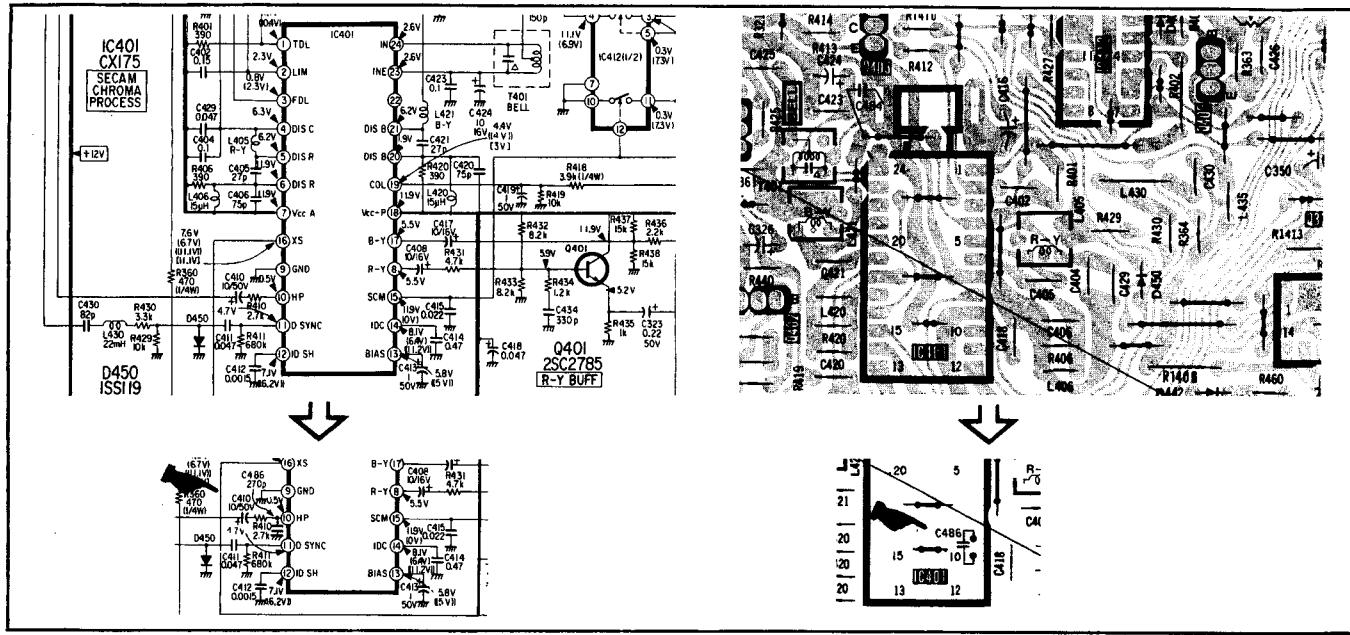
PVM-2730QM

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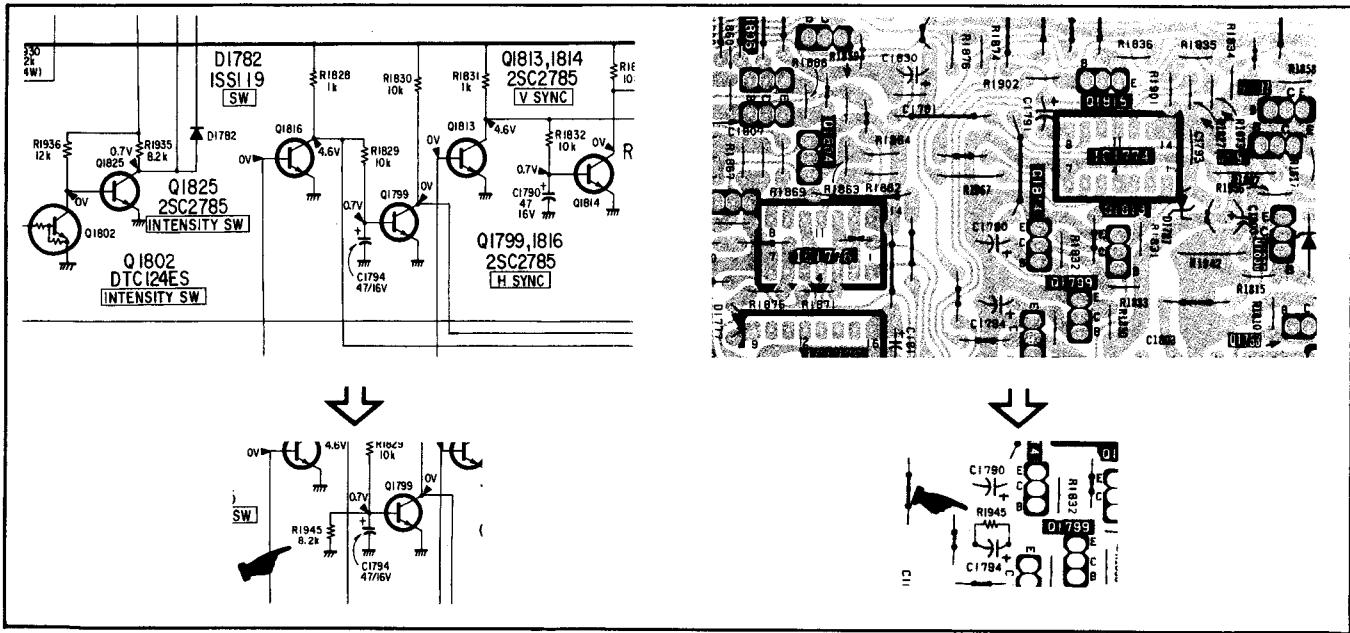
SCHEMATIC DIAGRAM AND PRINTED WIRING BOARDS.

 : Added

B board (Page 43)



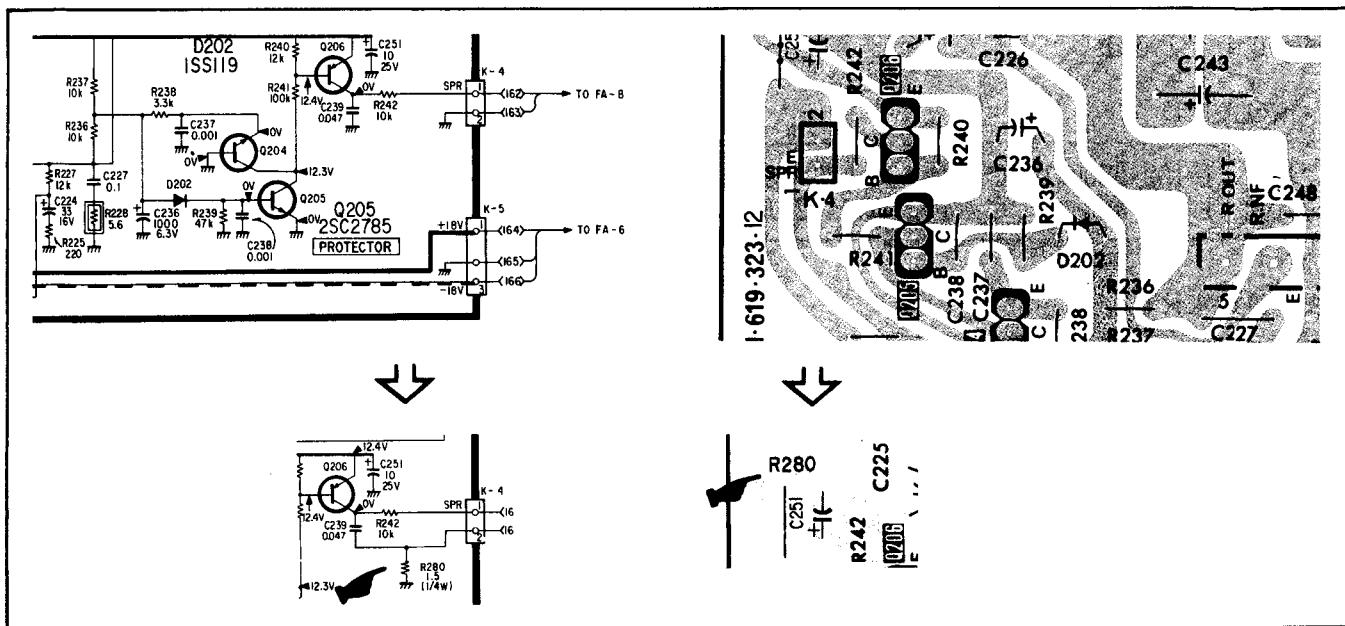
QB board (Page 37)



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K board (Page 36)



SCHEMATIC DIAGRAMS

: Modified

Board	Page	Ref	Description
B	44	R310	CARBON 5.6 K 1/4W → 22K 1/4W
QA	35	R1738	CARBON 1K 1/6W → 220 1/4W
D ₂	55	R2525	CARBON 5.6 K 1/6W → 1K 1/4W
D	52 52	C1505 R1513	MYLAR 0.002 MF 100V → 0.01 FM 100V CARBON 3.3 K 1/6W → 4.7K 1/4W
QB	37	C1823 C1824 C1825	F I L M 0.22MF 50V → 0.1MF 50V F I L M 0.22MF 50V → 0.1MF 50V F I L M 0.22MF 50V → 0.1MF 50V

: Delete

QA	35	C1730	CERAMIC	56P F	5%	50V
		C1733	CERAMIC	56P F	5%	50V
		C1734	CERAMIC	0.001 MF	50V	
		C1737	CERAMIC	56P F	5%	50V
		C1739	CERAMIC	0.001 MF	50V	
		C1740	CERAMIC	0.001 MF	50V	
		C1741	CERAMIC	56P F	5%	50V
		C1751	CERAMIC	0.001 MF	50V	

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ELECTRICAL PARTS LIST**: Modified****B BOARD**

C486 R310	1-102-980-91 1-249-462-11	CERAMIC 270 PF 5% 50V CARBON 22K 5% 1/4W
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FA BOARD

R679	1-215-924-51	METAL OXIDE 15K 5% 3W F
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FC BOARD

C615	1-102-074-91	CERAMIC 0.001 MF 10% 50V
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QA BOARD

R1738	1-249-409-11	CARBON 220 5% 1/4W
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QB BOARD

C1823 C1824 C1825	1-136-165-51 1-136-165-51 1-136-165-51	FILM 0.1 MF 5% 50V FILM 0.1 MF 5% 50V FILM 0.1 MF 5% 50V
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Dz BOARD

R2525	1-249-417-11	CARBON 1K 5% 1/4W
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D BOARD

C1505 R1513	1-106-367-00 1-249-425-11	MYLAR 0.01MF 10% 100V CARBON 4.7 K 5% 1/4W
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K BOARD

R280	1-249-449-11	CARBON 1.5 5% 1/4W
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SONY® SERVICE MANUAL

AEP Model

Chassis No. SCC-A91A-A

Serial No 2,000,100 and later

Australian Model

Chassis No. SCC-B04A-A

Serial No 2,000,601 and later

West Germany Model

Chassis No. SCC-B05A-A

Serial No 2,000,301 and later

SUPPLEMENT-2

SUBJECT : CIRCUIT MODIFICATION

File this supplement with the service manual.

INTRODUCTION

1. D board have been added.



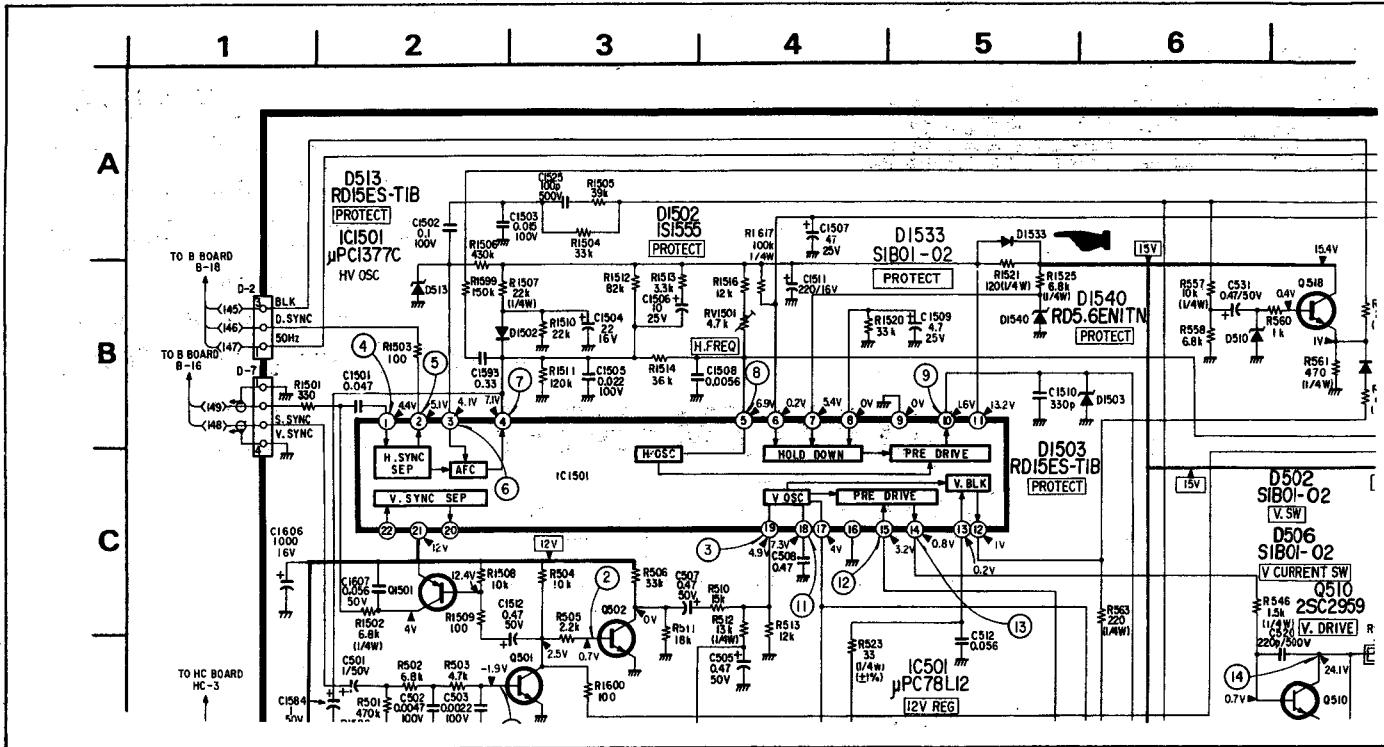
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SECTION 5 DIAGRAMS

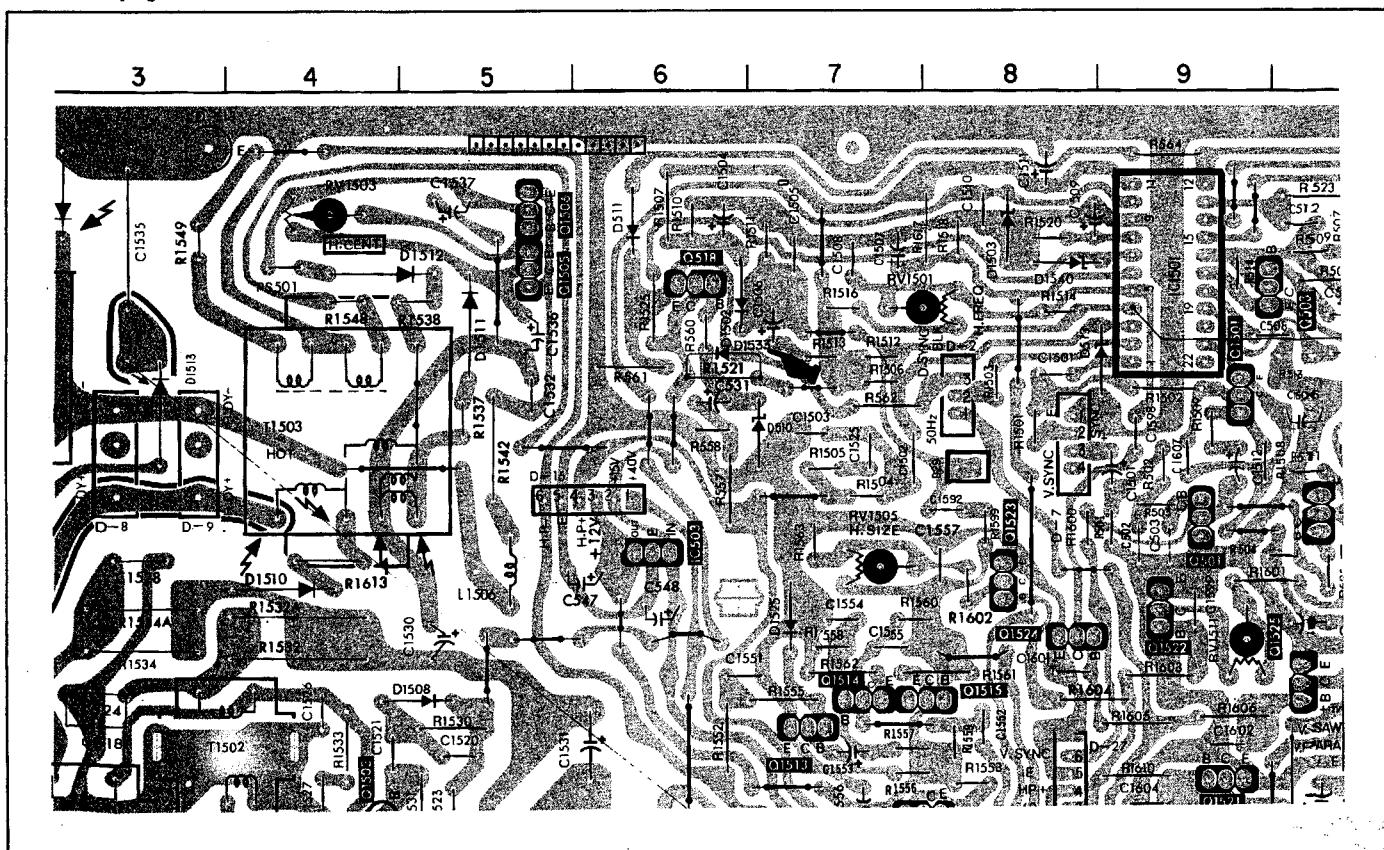
5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

 :added part

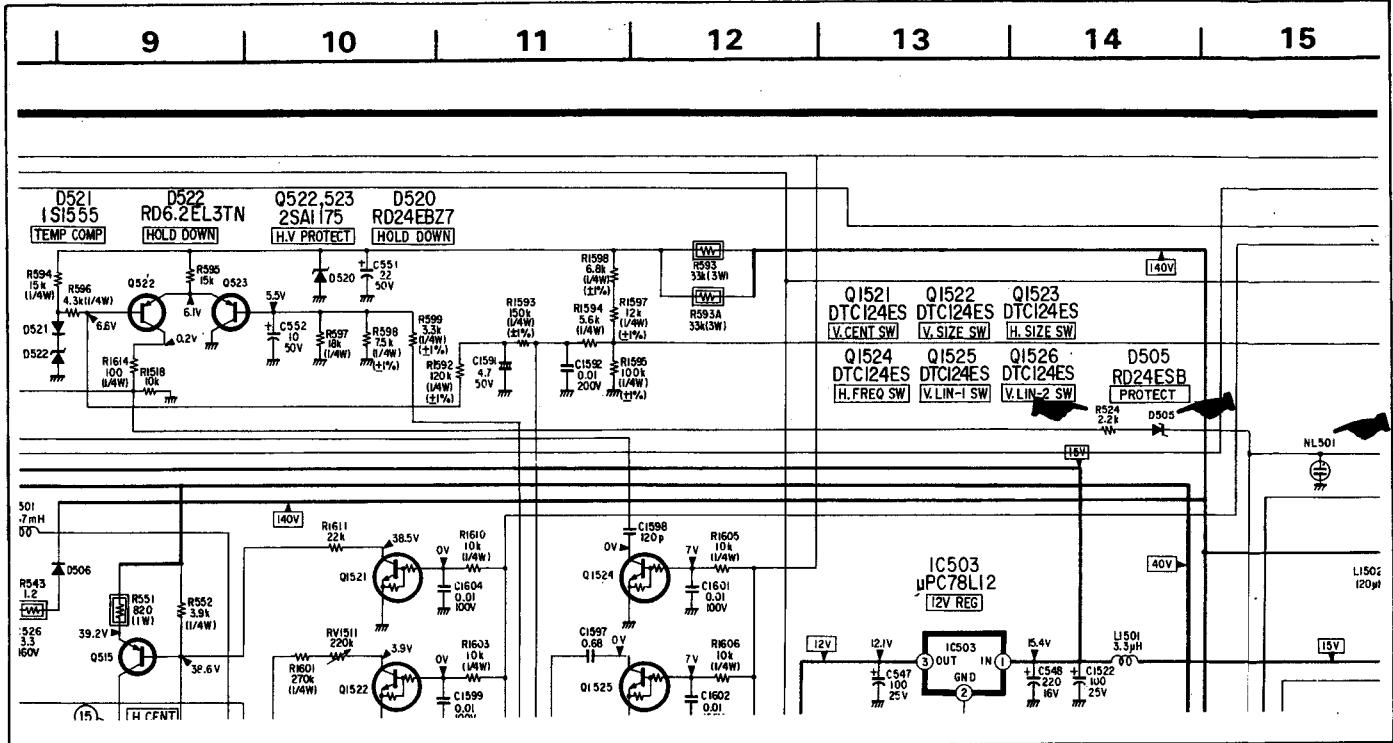
D board (Page 52) D1533



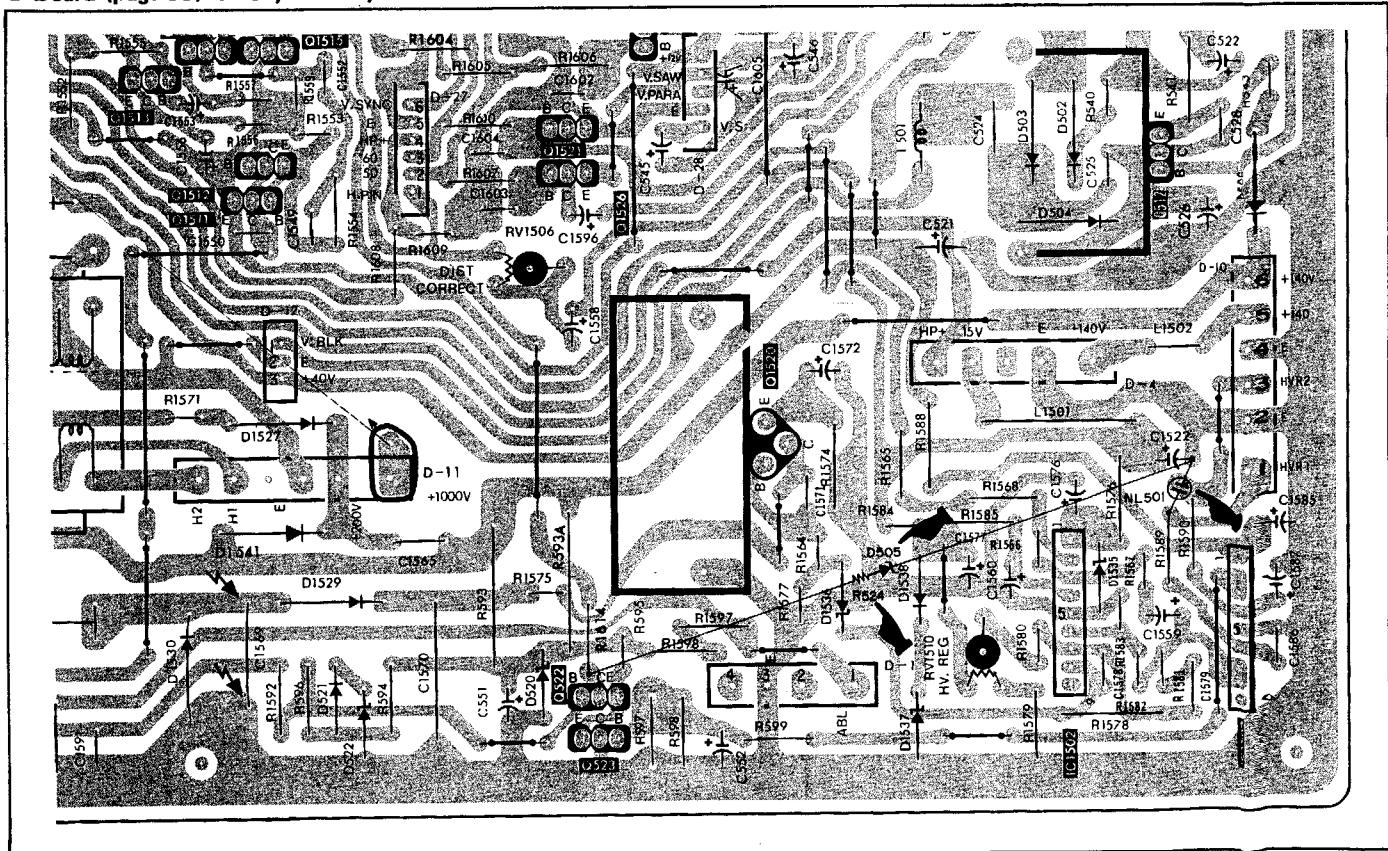
D board (page 57) D1533



D board (page 53, 54) D505, NL501, R1524



D board (page 58) D505, NL501, R1524



PVM-2730QM
RM-668**SECTION 7 ELECTRICAL PARTS LIST**

Page	Board	Ref.No.	Part No.	Description
87	D	D505	8-719-110-60	DIODE RD24ESB
87		D1533	8-719-200-02	DIODE 10E-2
87		NL501	1-151-108-XX	LAMP, NEON
89		R1524	1-247-717-11	CARBON 2.2K 5% 1/4W

PVM-2730QM

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SONY SERVICE MANUAL

AEP Model

Serial No. 2,012,151 and later
Chassis No. SCC-A91A-A

Australian Model

Serial No. 2,001,921 and later
Chassis No. SCC-B04A-A

West Germany Model

Serial No. 2,004,151 and later
Chassis No. SCC-B05A-A

SUPPLEMENT-3

File this Supplement with the Service Manual.

SPECIFICATIONS

Color system	PAL, SECAM, NTSC and NTSC _{4,43} systems, switched automatically	LINE A/B outputs (loop-through outputs) S VIDEO: 4-pin, mini-DIN
Picture tube	Trinitron tube Approx. 67.7 cm (27 inches) (63.5 cm picture measured diagonally) 114-degree deflection, AG pitch 0.73 mm	VIDEO: BNC connector AUDIO: Phono jack
Resolution	Video input: 420 TV lines S video input: 560 TV lines RGB inputs: 640 × 200 dots (2000 characters)	Digital RGB inputs RGB: D-sub 9-pin connector (See "Signal assignment".) AUDIO: Phono jack -5 dBs, more than 47 kilohms
Color temperature	9300°K	AV connector 21-pin connector (See "Signal assignment".)
Frequency response	10 MHz (-3 dB, RGB) 5 MHz (-3 dB, composite video) 6 MHz (-3 dB, S video)	Speaker terminals 8 ohms Control S input/output Minijack, 5 Vp-p
Horizontal linearity	Less than ±5%	Power output 15 W + 15 W at 8 ohms
Vertical linearity	Less than ±5%	Power requirements 220 - 240 V AC, 50/60 Hz
Line pull range	Horizontal: +500 Hz Vertical: -8 Hz	Power consumption 175 W
Overscan of the picture	Less than + 7%	Dimensions Approx. 653 × 508 × 492 mm (w/h/d) incl. projecting parts and controls
LINE A/B, VTR inputs		Weight Approx. 52 kg
S VIDEO:	4-pin, mini-DIN Y (luminance signal); 1 Vp-p, sync negative, 75-ohm termination switchable C (chrominance signal); 300 m Vp-p (burst signal), 75-ohms	Supplied accessory Remote commander RM-668, with 2 R6 batteries..... 1
VIDEO IN:	LINE A/B: BNC connector Composite video, 1 Vp-p ±6 dB, sync negative, 75-ohm termination switchable VTR: 8-pin connector Composite video, 1 Vp-p ±6 dB, sync negative, 75-ohm terminated	Optional accessories TV stand Speaker system SS-X6A, APM-X5A SU-539, SU-541
AUDIO IN:	LINE A/B: Phono jack -5 dBs, more than 47 kilohms VTR: 8-pin connector, -5 dBs, more than 47 kilohms	— Continued on page 2 —



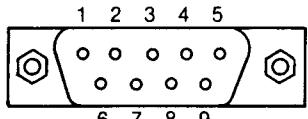
MICROFILM

PVM-2730QM

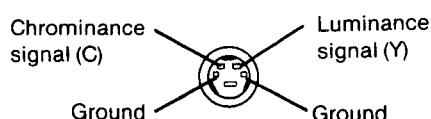
RM-668

SIGNAL ASSIGNMENT

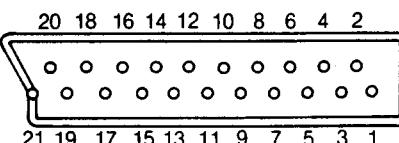
DIGITAL RGB connector
(D-sub 9-pin)



S VIDEO connector (4-pin mini DIN)



AV connector (21-pin)



Digital signal (TTL level)

Pin No.	Signal assignment
1	Ground
2	Ground
3	Red input
4	Green input
5	Blue input
6	Intensity input
7	No connection
8	H. sync input (positive/negative)
9	V. sync input (positive/negative)

Pin No.	Signal	Signal level
1	Audio output B (right)	Standard level: 0.5 Vrms Output impedance: Less than 1 k ohm*
2	Audio input B (right)	Standard level: 0.5 Vrms Input impedance: More than 10 k ohms*
3	Audio output A (left)	Standard level: 0.5 Vrms Output impedance: Less than 1 k ohm*
4	Ground (audio)	
5	Ground (blue)	
6	Audio input A (left)	Standard level: 0.5 Vrms Input impedance: More than 10 k ohms*
7	Blue input	0.7 V ±3 dB, 75 ohms, positive
8	Function select (AV control)	High state (9.5 - 12 V): Peri mode Low state (0 - 2 V): TV mode Input impedance: More than 10 k ohms Input capacitance: Less than 2 nF

Pin No.	Signal	Signal level
9	Ground (green)	
10	Open	
11	Green input	(Same as Pin 7)
12	Open	
13	Ground (red)	
14	Ground (blanking)	
15	Red input	(Same as Pin 7)
16	Blanking input	High state (1 - 3 V) Low state (0 - 0.4 V) Input impedance: 75 ohms
17	Ground (video output)	
18	Ground (video input)	
19	Video output	1 V ±3 dB, 75 ohms, positive Sync: 0.3 V (±3 dB)
20	Video input	1 V ±3 dB, 75 ohms, positive Sync: 0.3 V (±3 dB)
21	Common ground (plug, shield)	

* at 20 Hz - 20 kHz

Design and specifications subject to change without notice.

TROUBLESHOOTING

If these symptoms occur when you begin operation, follow the suggestions below.

SYMPTOMS	CORRECTIONS
No controllable keys although the POWER switch is turned on.	• Press the CONTROL key.
No indication appears although the CONTROL key is pressed.	• Set the MANUAL CONTROL switch on the rear panel to ON.
Remote control is not possible.	• Set the REMOTE CONTROL switch on the rear panel to ON.

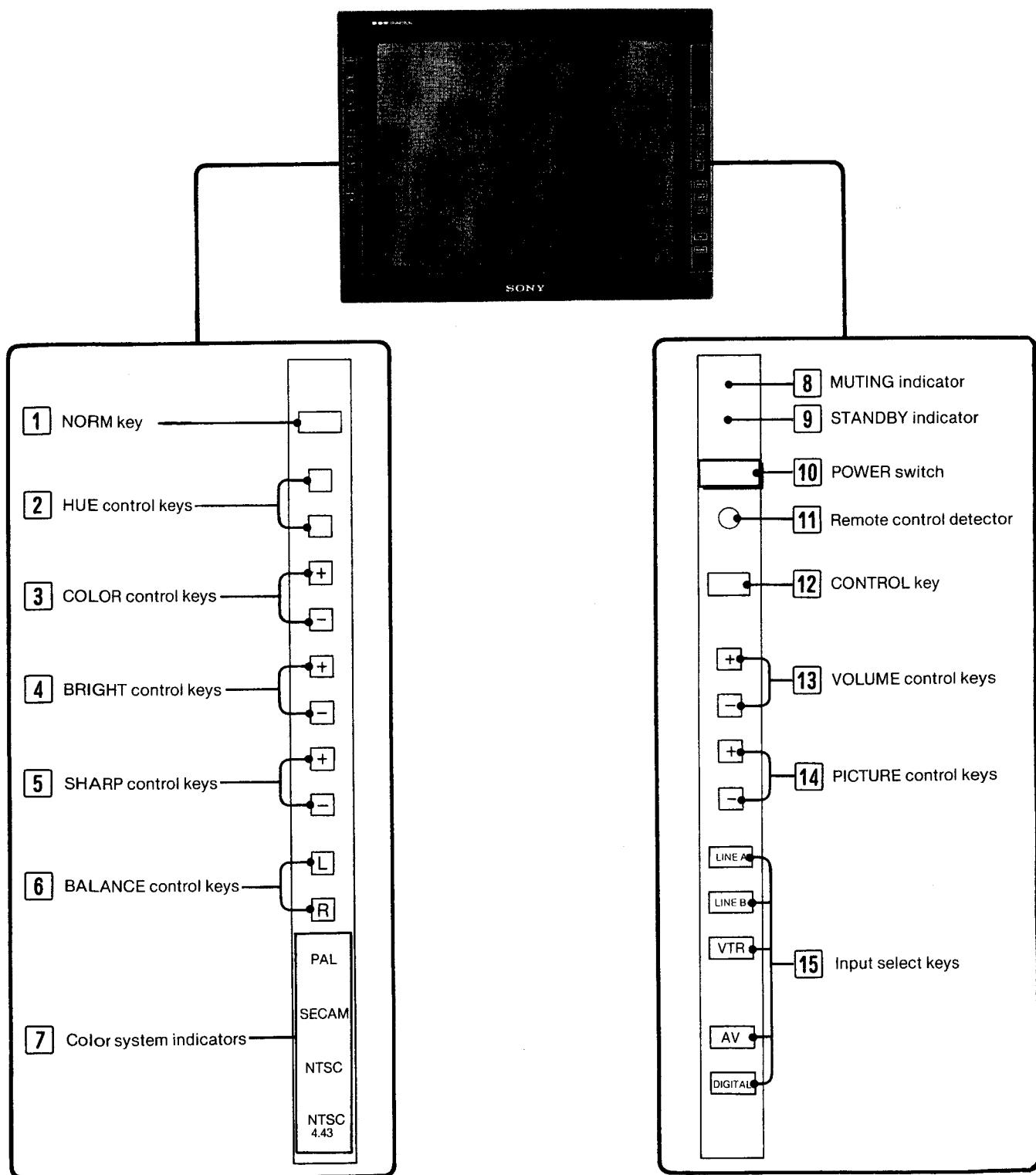
If the problem still cannot be solved, contract your authorized Sony dealer.

SECTION 1

GENERAL

1-1. LOCATION AND FUNCTION OF PATRS AND CONTROLS

FRONT PANEL



- Press CONTROL key after power is turned on to illuminate the control keys or indicators.

The following control keys are effective only when MANUAL CONTROL switch on the rear panel is set to ON.

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SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

[1] NORM (normal) key

Press this key to return to the standard setting.
• This key is effective only for the control keys on the left.

[2] HUE control keys

Press the GRN (green) key to make the skin tones greenish or the PUR (purple) key to make it purplish.
• These control keys are effective for the NTSC and NTSC_{4.43} color systems only.

[3] COLOR control keys

Press the + key to make the color intensity vivid or the – key to make it pale.

[4] BRIGHT (brightness) control keys

Press the + key to make the picture brighter or the – key to make it darker.

[5] SHARP (sharpness) control keys

Press the + key to obtain a sharp picture or the – key to obtain a soft picture.

[6] BALANCE control keys

Press the L key to increase the sound volume of the left speaker or the R key to increase the sound volume of the right speaker.

[7] Color system indicators

PAL, SECAM, NTSC, NTSC_{4.43}

The color system of the input signal is automatically selected and the corresponding indicator illuminates. When the input signal is monochrome, no color system indicator illuminates.

[8] MUTING indicator

Illuminates while the sound is muted.
• Muting is controlled only by the Remote Commander.

[9] STANDBY indicator

Illuminates when the power is turned off by the Remote Commander.

[10] POWER switch

Press this switch to turn the monitor on.
Press this switch again to turn it off.
• When the monitor is turned on, the settings of the monitor are the same as when it was last turned off.
• For a few seconds after turning on the monitor the color of picture may vary because the white balance is adjusted at this time. This is not a problem.

[11] Remote control detector

The beam from the Remote Commander is received here.

[12] CONTROL key

Press this key to illuminate the keys and indicators on the front panel.
Press this key again to extinguish them.

[13] VOLUME control keys

Press the + key to raise the volume or the – key to lower it.

[14] PICTURE control keys

Press the + key to make the contrast, color intensity and brightness stronger or the – key to make them weaker.

[15] Input select keys

LINE A, LINE B, VTR, AV, DIGITAL

Select the input source connected to the LINE A, LINE B, VTR, AV or DIGITAL RGB connector.

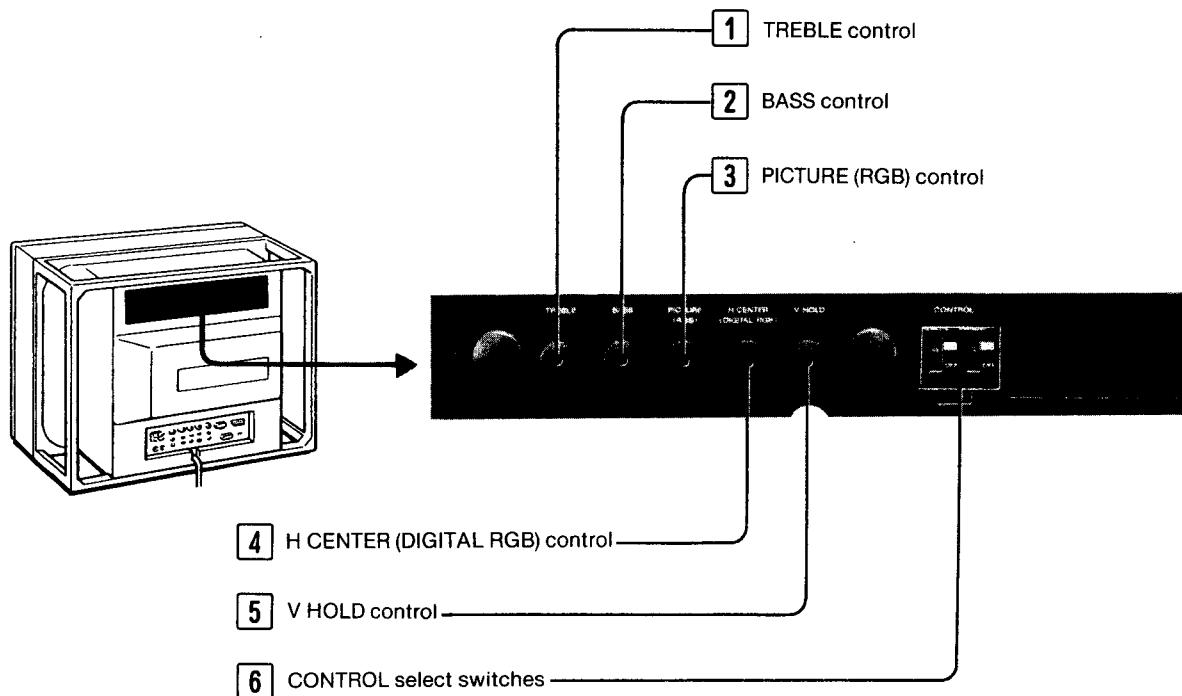
When a key is pressed:

- it blinks if the other indicators and keys on the front panel illuminate.
- it illuminates if they are extinguished.

Key illumination

For the keys [1] through [7], [13] and [14]:

- While each key is pressed, it blinks, indicating that adjustment is going on.
- During adjustment, if the adjustment value reaches the limit, the blinking speed becomes slower.

REAR PANEL**[1] TREBLE control**

Turn clockwise for more treble (high tone), or counterclockwise for less.

[2] BASS control

Turn clockwise for more bass (low tone), or counterclockwise for less.

[3] PICTURE (RGB) control

Adjust the contrast of the RGB signals connected to the AV connector or the DIGITAL RGB connector.

[4] H CENTER (DIGITAL RGB) (horizontal centering) control

When the picture of DIGITAL RGB input is decentered horizontally, correct it with this control.

[5] V HOLD (vertical hold) control

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

[6] CONTROL select switches

Normally set to ON.

REMOTE CONTROL switch

Set this switch to ON to control the monitor with a Remote Commander.

If this switch is set to OFF, the remote control is not possible.

MANUAL CONTROL switch

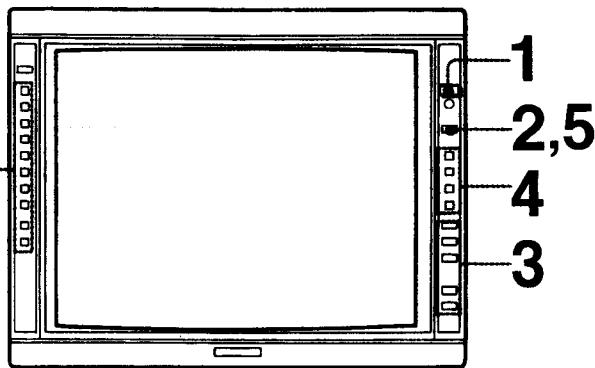
Set this switch to ON to control the monitor manually. To make the manual control of the control keys or switches on the front panel impossible, extinguish the indicators by pressing the CONTROL key on the front panel and set this switch to OFF.

(However remote control is possible if the REMOTE CONTROL switch is set to ON.)

1-2. OPERATION

DISPLAYING THE PICTURE

4

**1** Depress the POWER switch.

One of the input select keys illuminates.

2 Press the CONTROL key.

The selected input select key blinks and all control keys on the front illuminate.

(If the control keys do not appear, set the MANUAL CONTROL switch on the rear to ON.)

3 Press the desired input select key.

The pressed key blinks and the picture from the selected input is displayed on the screen and the sound is heard through the speakers.

(For selecting the AV or DIGITAL input, see "Notes on input selection".)

4 Adjust the picture and sound.**5** Press the CONTROL key to extinguish the control keys so that only the selected input select key illuminates.

SUPERIMPOSING

To superimpose the data from the microcomputer connected to the AV connector over the picture, proceed as follows.
(The data should be processed for superimposition on the microcomputer.)

1 Set the SUPERIMPOSE switch to ON.**2** Press the LINE A, LINE B or VTR input select key to display the picture on which the data is to be superimposed on the monitor screen.**3** Press the AV input select key.

The data is superimposed over the picture.

4 Adjust the contrast of the superimposed data with the PICTURE (RGB) control.

Note

The data cannot be superimposed over the picture input from S VIDEO IN connector.

NOTES ON INPUT SELECTION

AV input and SUPERIMPOSE switch

Set the SUPERIMPOSE switch on the rear as follows, according to the signal supplied to the AV connector.

SUPERIMPOSE switch	Signal to be displayed
ON	<ul style="list-style-type: none"> • To display the composite video signal from an 8 mm video cassette recorder, etc. • To perform superimposition. (See "SUPERIMPOSING".)
OFF	<ul style="list-style-type: none"> • To display the analog RGB signal from a microcomputer, etc. In this case, the sync signal should be supplied to pin 20 of the AV connector.

- When the AV input select key is pressed with the SUPERIMPOSE switch ON, the previously selected LINE A, LINE B or VTR input select key blinks together with the AV key.
- When it is pressed with the SUPERIMPOSE switch OFF, only the AV key blinks.

AV input and AV switch

When the AV switch on the rear is set to ON, the monitor is automatically switched from the LINE A, LINE B or VTR input to the AV input if a signal is input to the AV connector.

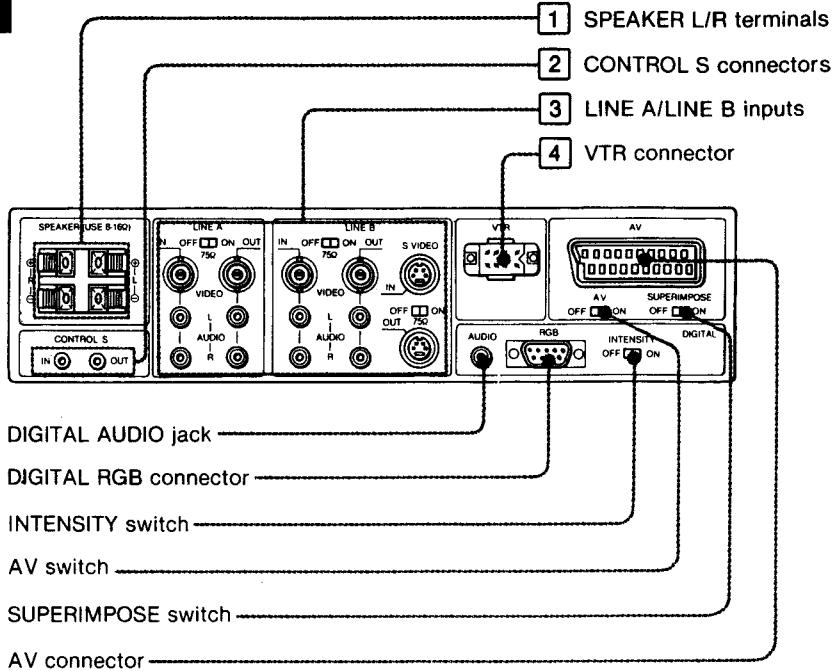
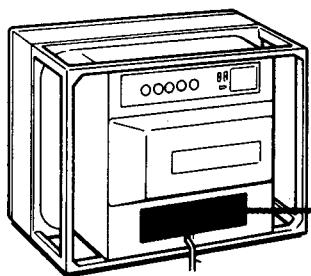
Set the AV switch to OFF to select the AV input manually by pressing the AV input select key.

DIGITAL input

- To display the digital RGB signal from a microcomputer provided with intensity output in 16 colors, set the INTENSITY switch on the rear to ON.
- If necessary, center the picture from the DIGITAL RGB connector with the H CENTER control on the rear panel.

Note

The COLOR, HUE and SHARP control keys do not function when the DIGITAL input is selected or the AV input is selected with the SUPERIMPOSE switch OFF.

CONNECTORS**1 SPEAKER L/R terminals**

Connect to speakers with 8 to 16 ohm impedance.

2 CONTROL S IN/OUT connectors

Connect to the CONTROL S connectors of a VTR or another monitor.
It is then possible to control the whole system with a single Remote Commander.

3 LINE A/LINE B inputs**S VIDEO IN connector (4-pin, mini-DIN)*****VIDEO IN connector (BNC type)****AUDIO L/R IN jacks (phono jack)**

Connect to the video and audio outputs of a VTR or a camera.

S VIDEO OUT connector (4-pin, mini-DIN)***VIDEO OUT connector (BNC type)****AUDIO L/R OUT jacks (phono jack)**

Loop-through outputs of the IN connector and jacks.
Connect to the video and audio inputs of another monitor.
* For LINE B only.

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 connectors are used together for a loop-through connection, set this switch to OFF.

Note

The VIDEO IN connector is disconnected automatically when a cable is connected to the S VIDEO IN connector.

4 VTR connector (8-pin)

Connect to a VTR with an 8-pin TV connector.

5 DIGITAL AUDIO jack (phono jack)

Connect to the audio output of an audio source to listen to the sound from the connected audio source while viewing the picture from the DIGITAL RGB connector.

6 DIGITAL RGB connector (9-pin, D-sub)

Connect to the digital RGB output of a microcomputer.

7 INTENSITY switch

Normally set to OFF. When a microcomputer provided with intensity output is connected, set to ON for 16-color display.

8 AV switch

Set to ON so that the monitor is automatically switched to the AV input when a signal is input from the AV connector, taking priority over the LINE A, LINE B or VTR input previously selected by the input select keys on the front panel. Set to OFF to select the AV input manually by pressing the AV input select key.

9 SUPERIMPOSE switch

Normally set to ON.

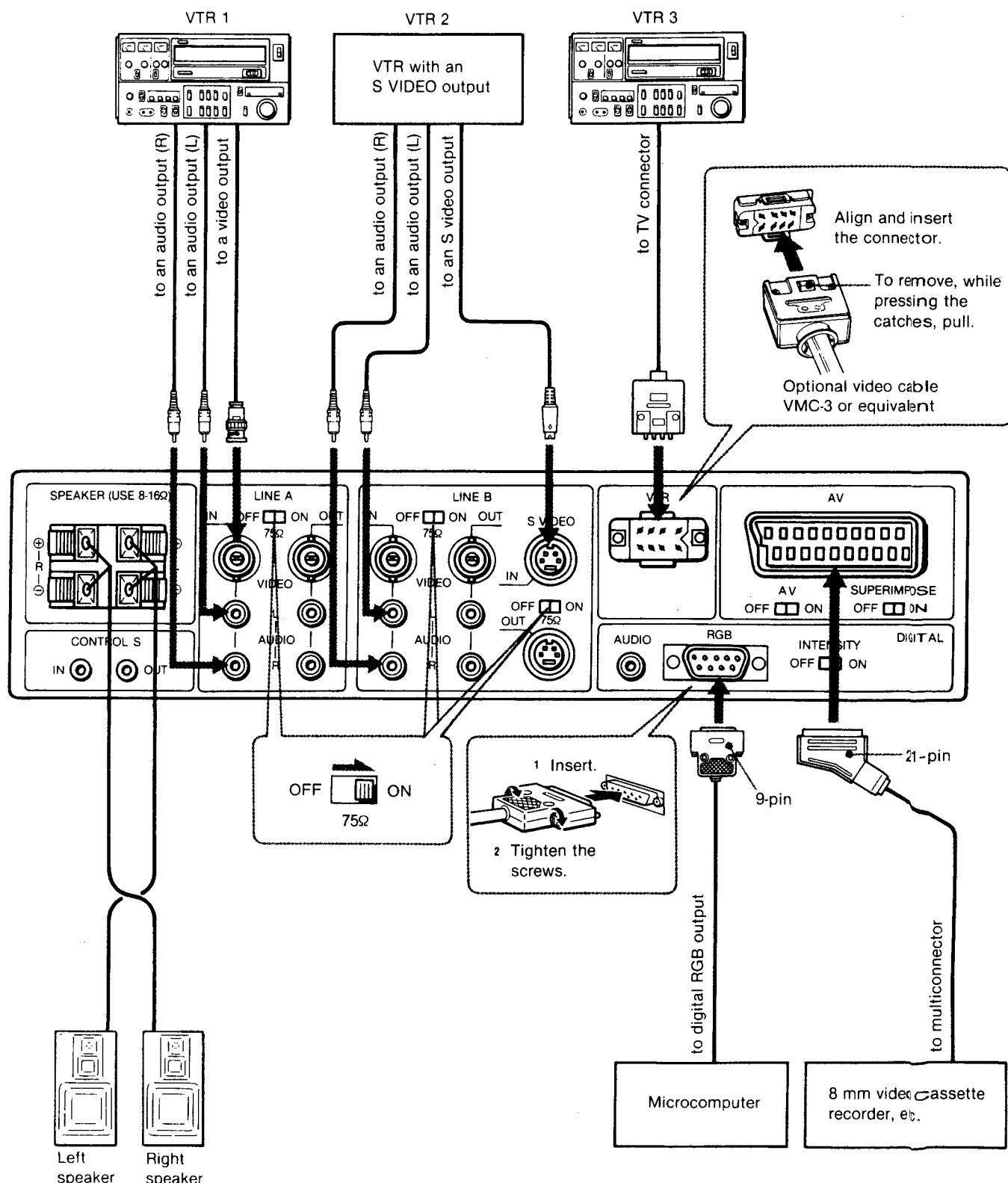
Set to OFF to display the analog RGB signal from the microcomputer connected to the AV connector.

10 AV connector (21-pin)

Connect to the 21-pin multiconnector of an 8 mm video cassette recorder or the analog RGB multioutput connector of a microcomputer.

1-3. SYSTEM CONNECTIONS

CONNECTION DIAGRAM

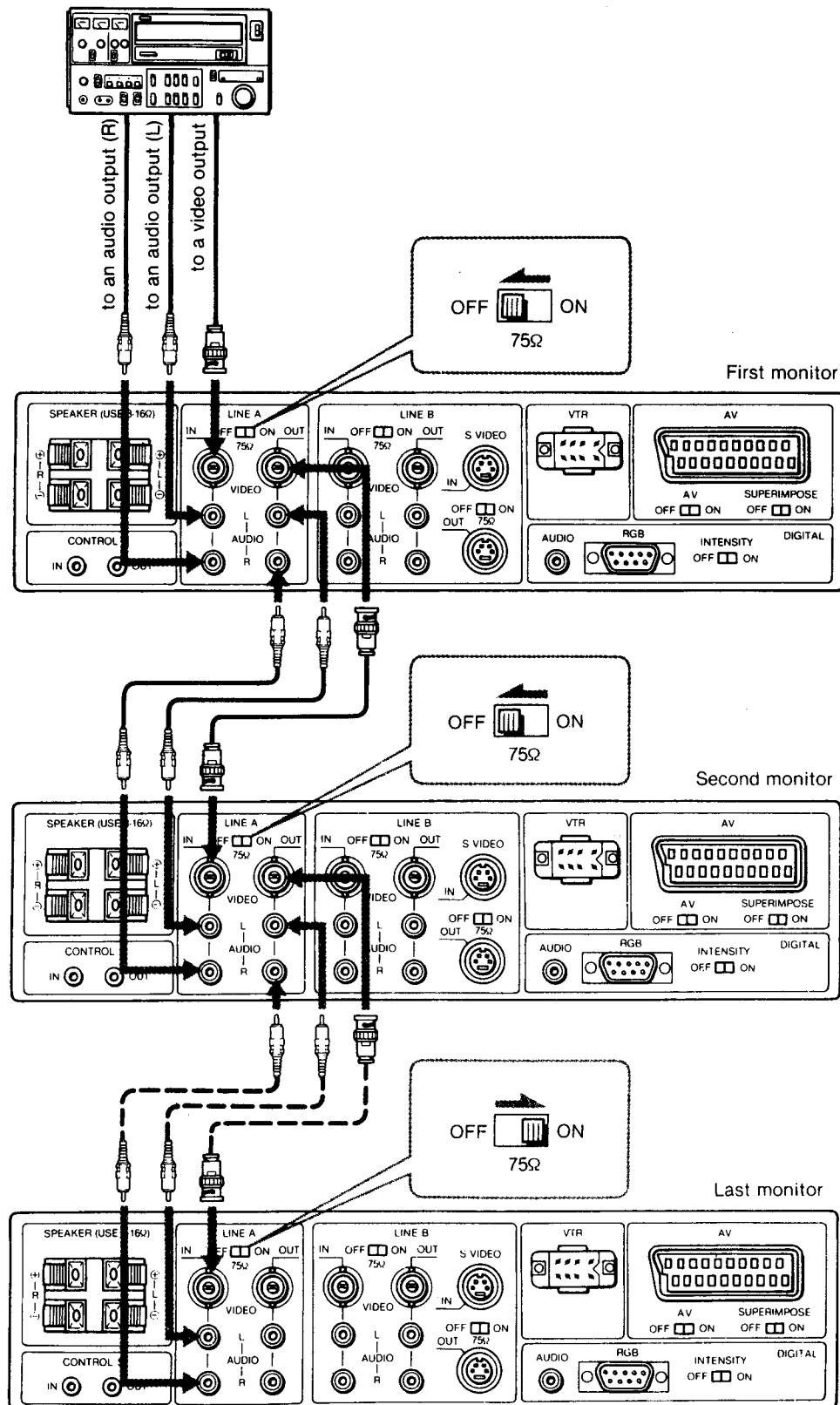
**Note**

- When a microcomputer has an analog RGB output connector, connect it to the AV connector.

- When a microcomputer has only a composite video output connector, connect it to the LINE A or LINE B VIDEO IN connector.

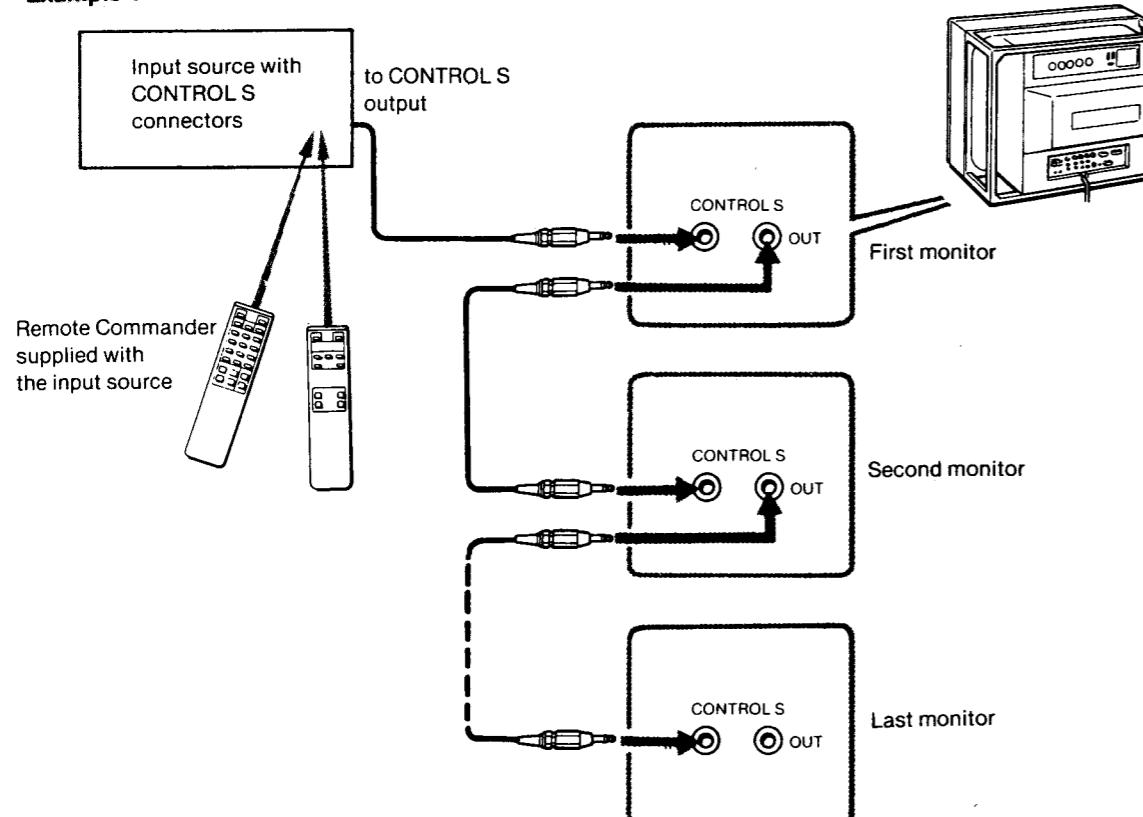
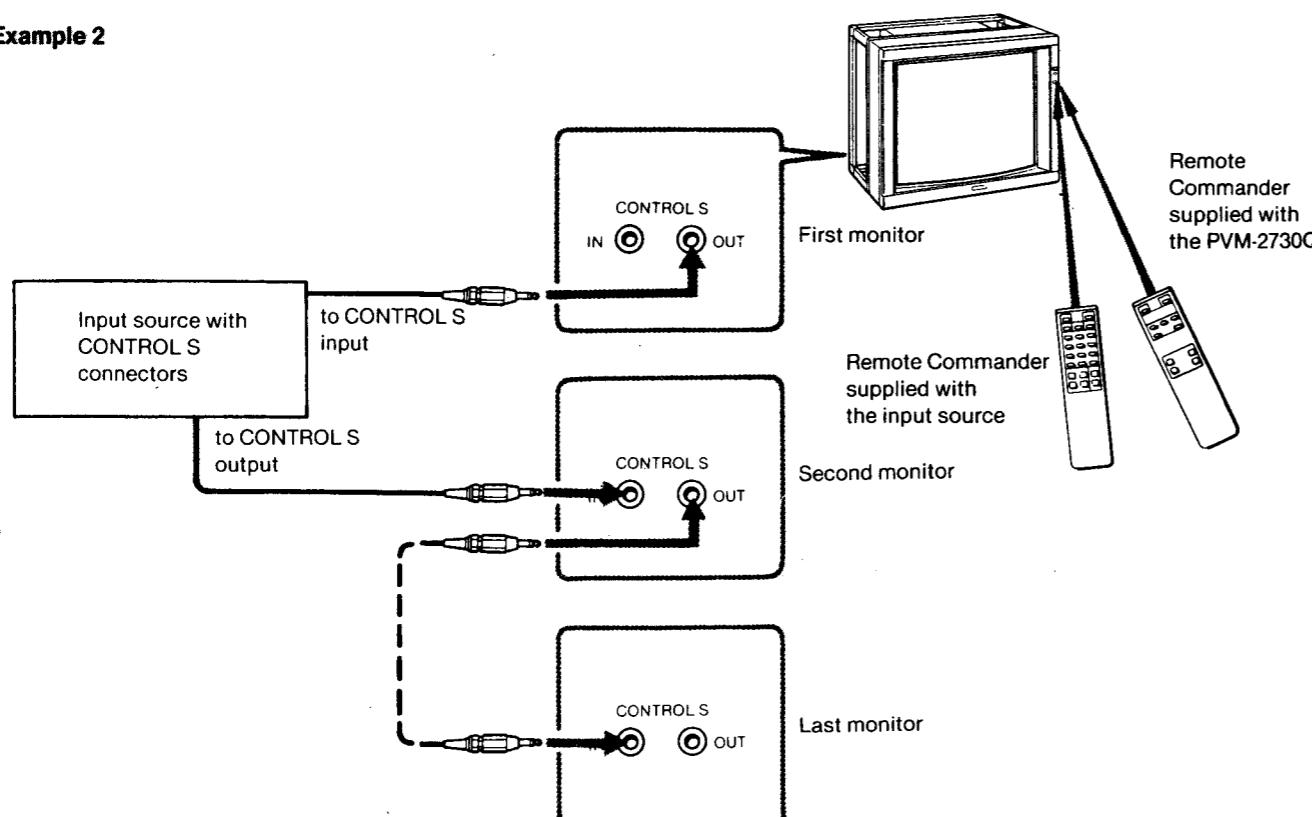
CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on the monitors. Up to 10 monitors can be connected. It is recommended to use a signal distributor when several monitors are connected.

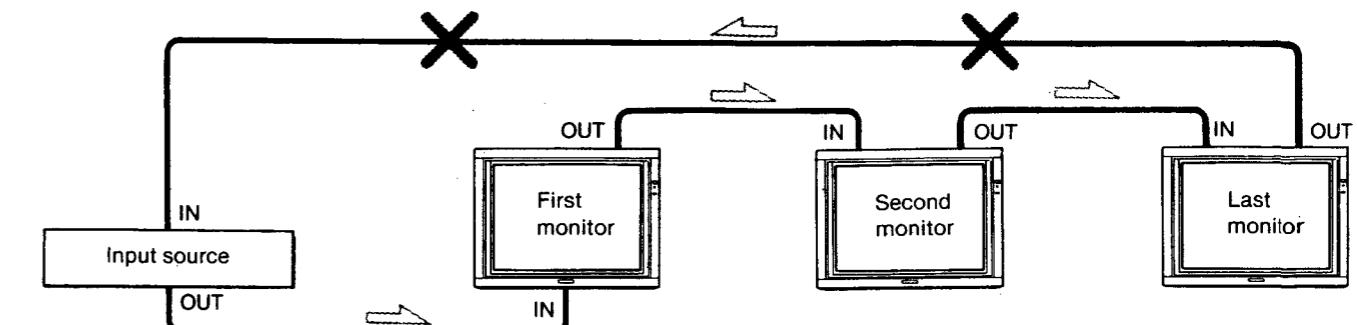
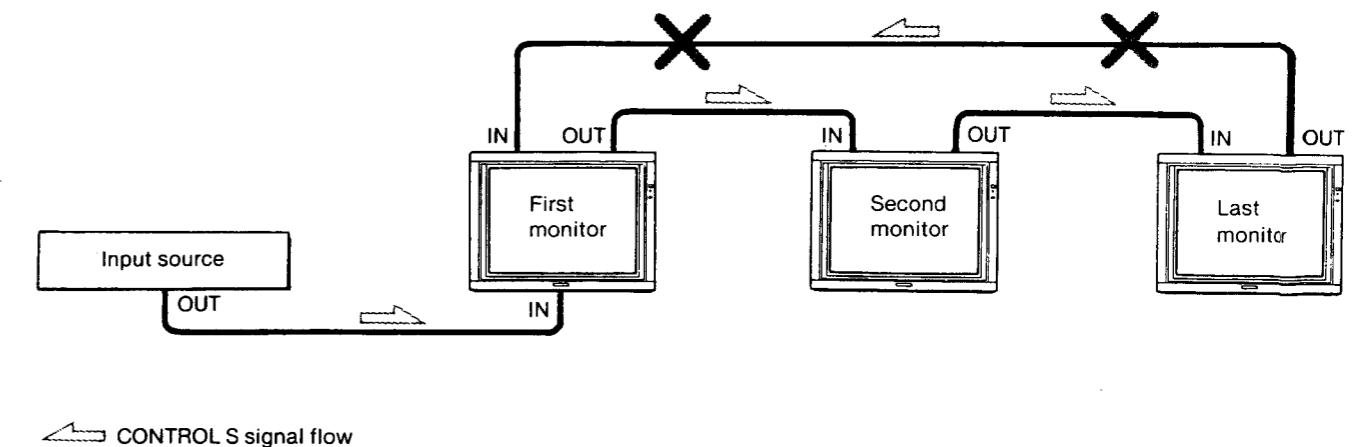


CONTROL S CONNECTION

The following connections allow remote control of several monitors and a VTR through a single monitor.

Example 1**Example 2****Note**

Do not use the following loop connections.

Example 1**Example 2**

◀ CONTROL S signal flow

PVM-2730QM
RM-668

PVM-2730C
RM-6

SECTION 4

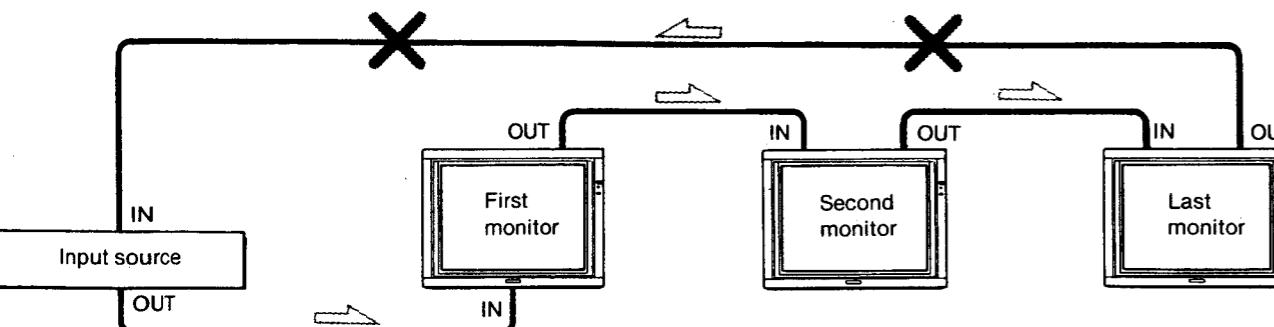
CIRCUIT ADJUSTMENTS

Note

Do not use the following loop connections.

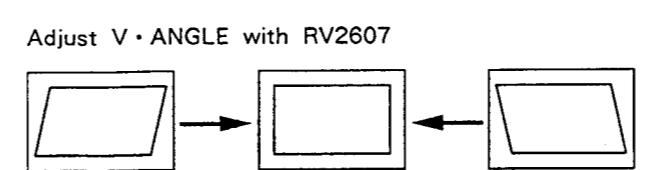
5-1. CIRCUIT I

Example 1

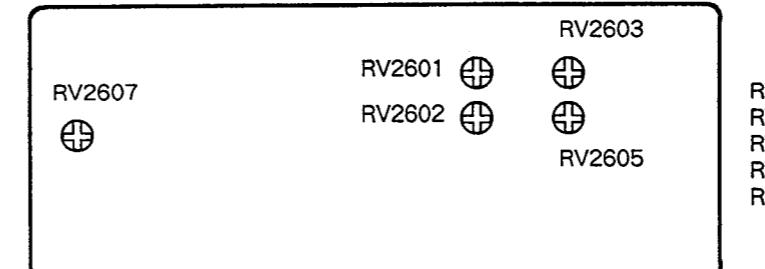


4-1. D3 BOARD ADJUSTMENTS

V • ANGLE ADJUSTMENT (RV2607)



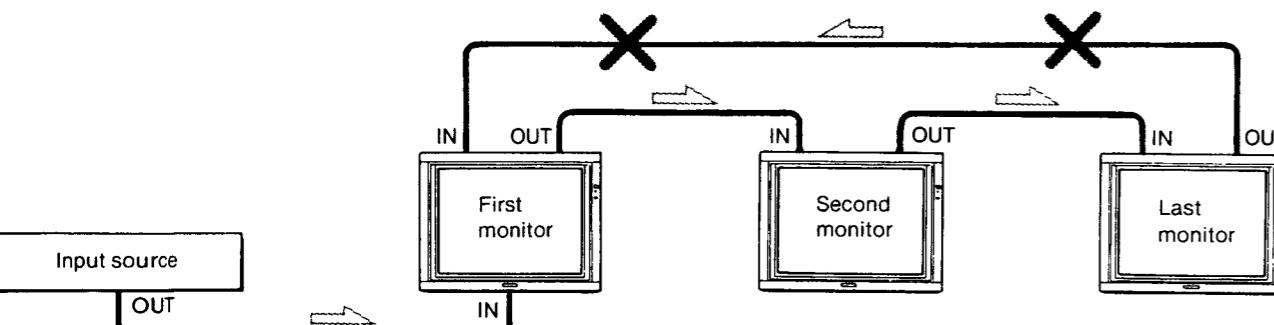
D3 Board



RV2601 (TOP PIN)
RV2602 (BOTTOM PIN)
RV2603 (PIN PHASE 50)
RV2605 (PIN AMP 50)
RV2607 (V • ANGLE)

(Component side)

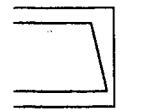
Example 2



CONTROLS signal flow

PVM-2730QM
RM-668PVM-2730QM
RM-668PVM-2730QM
RM-668

SECTION 4 CIRCUIT ADJUSTMENTS



RV2603

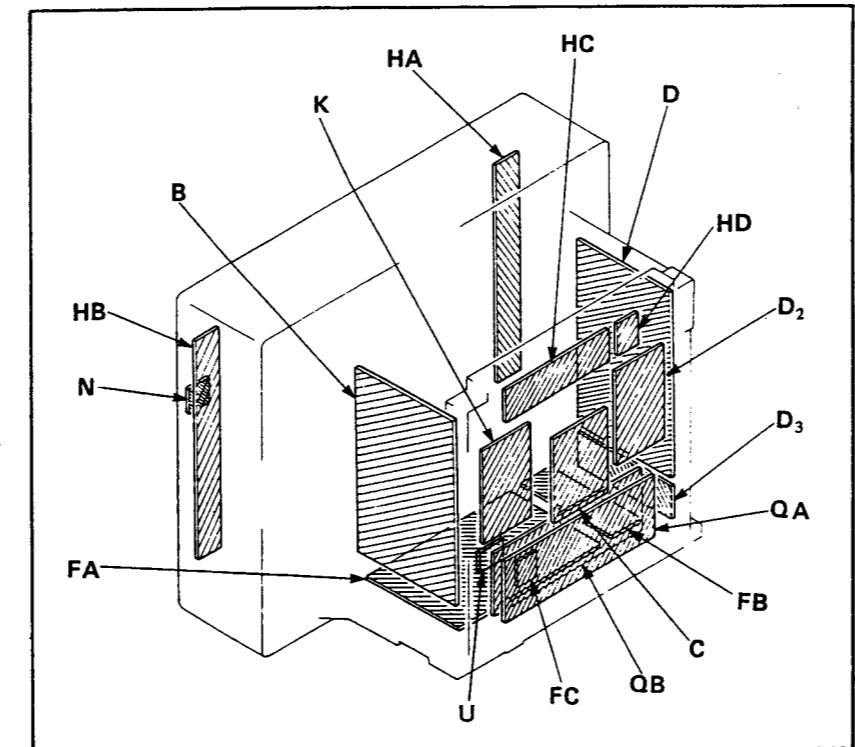


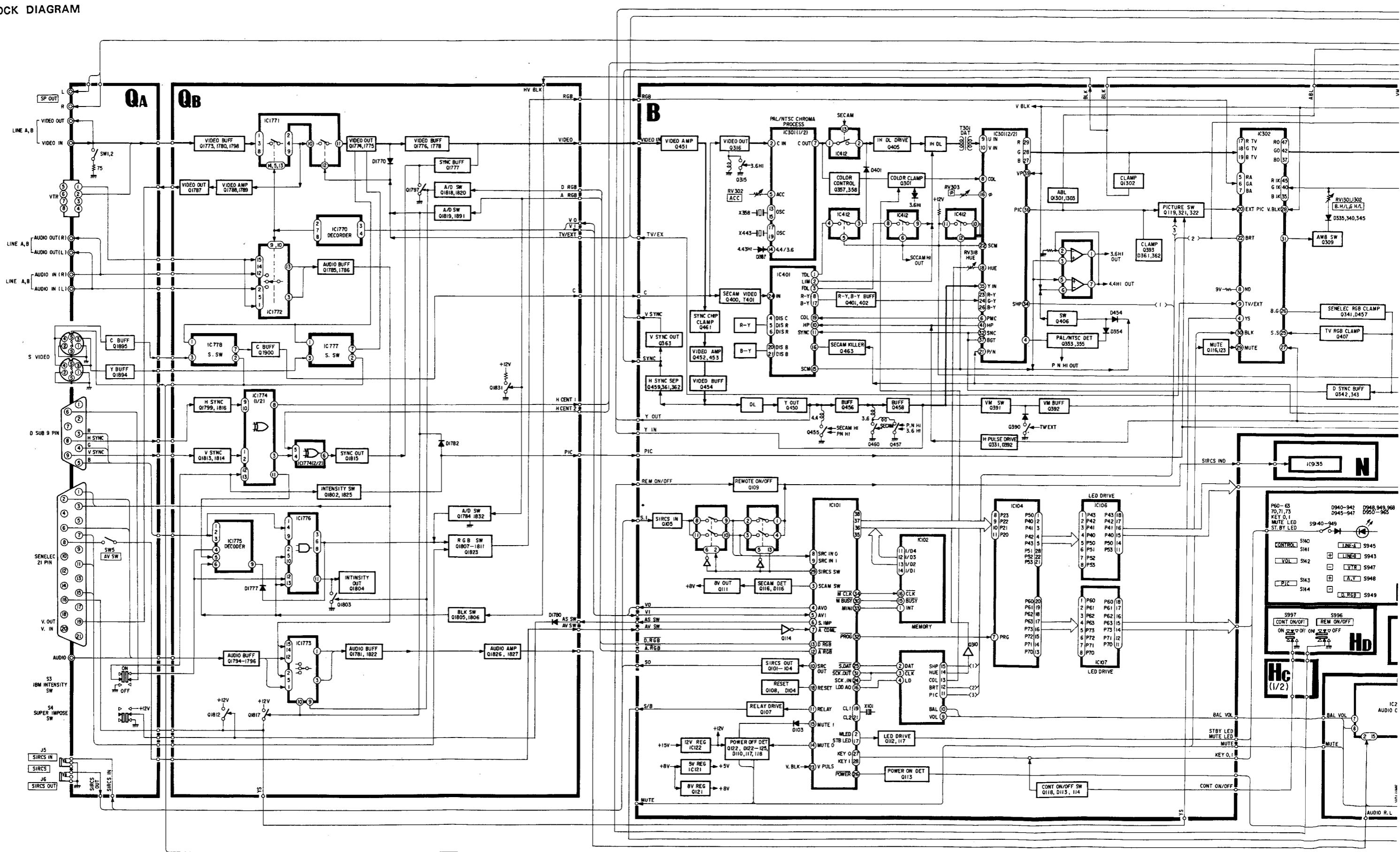
RV2605

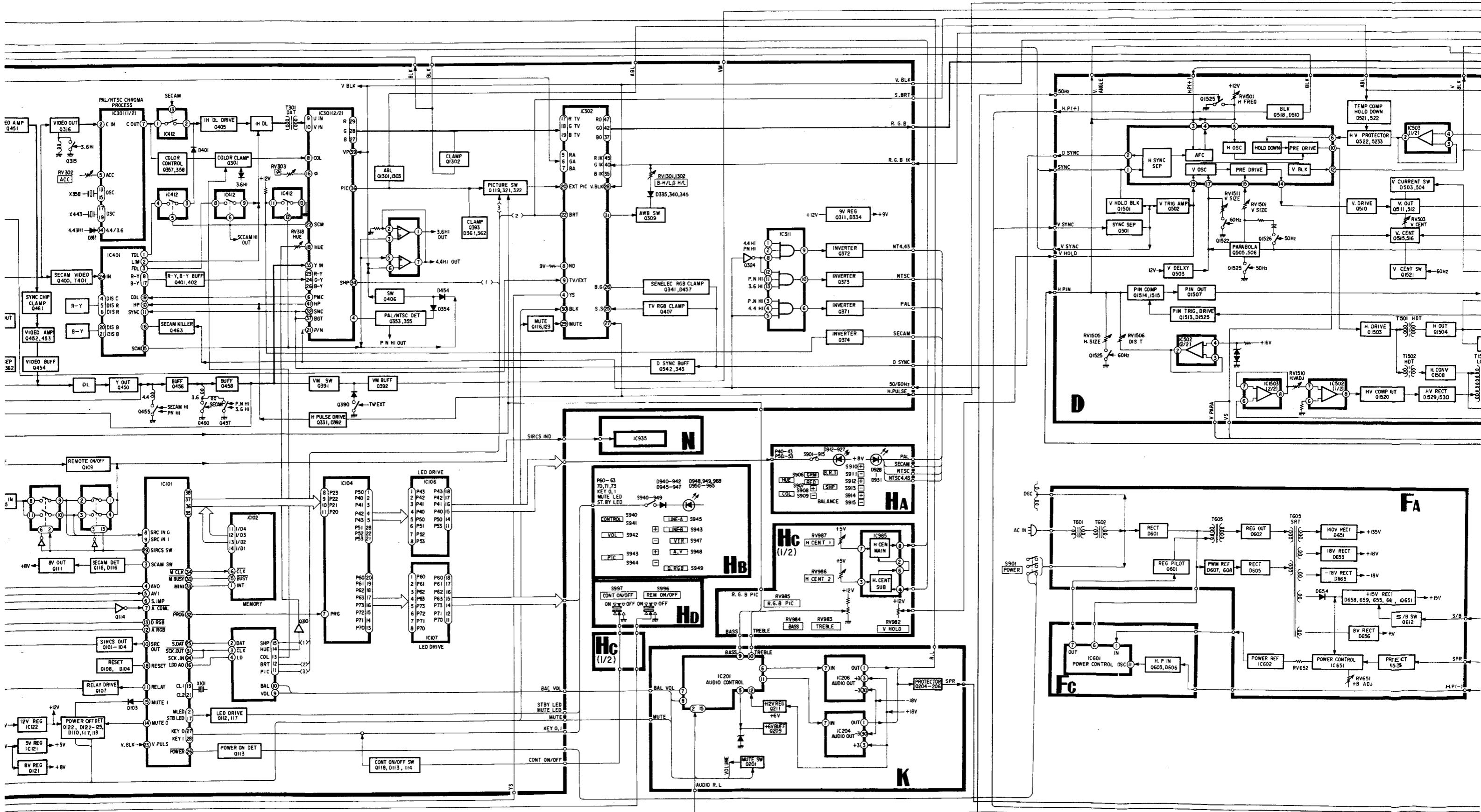
- RV2601 (TOP PIN)
- RV2602 (BOTTOM PIN)
- RV2603 (PIN PHASE 50)
- RV2605 (PIN AMP 50)
- RV2607 (V • ANGLE)

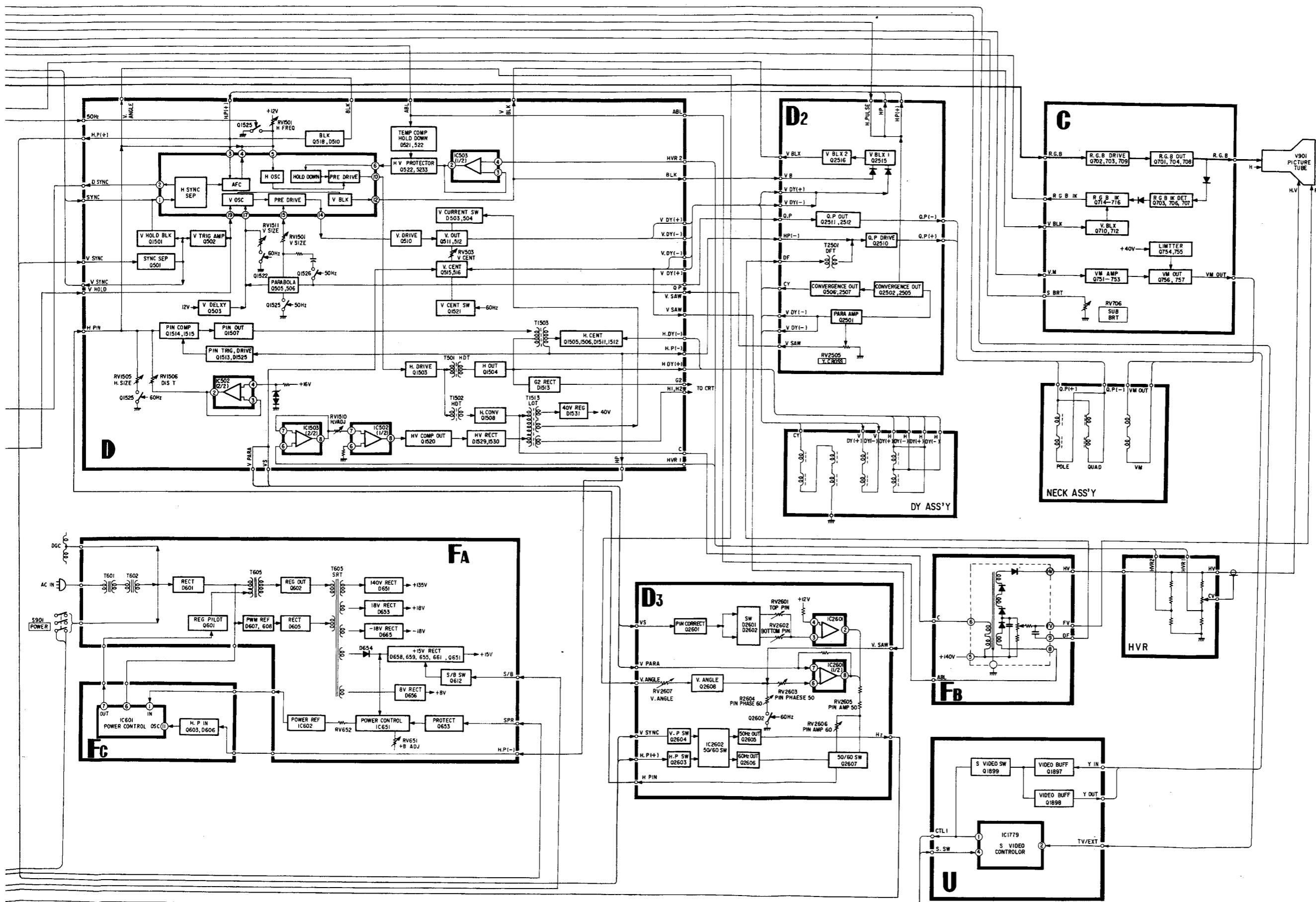
SECTION 5 DIAGRAMS

5-1. CIRCUIT BOARDS LOCATION



**PVM-2730QM
RM-668****PVM-2730QM
RM-668****PVM-2730QM
RM-668****5-2. BLOCK DIAGRAM**

**PVM-2730QM
RM-668**


PVM-2730QM
RM-668PVM-2730QM
RM-668

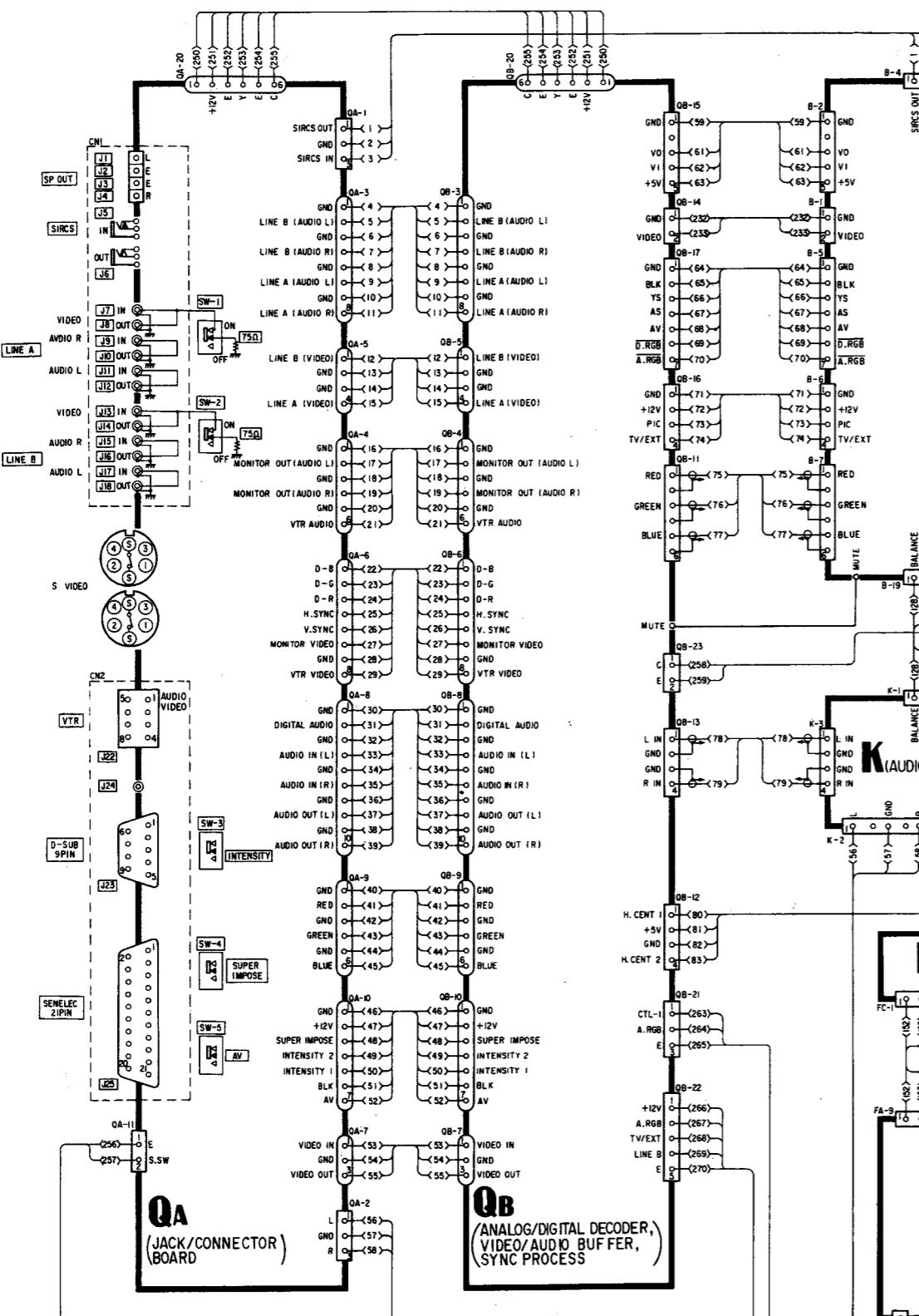
PVM-2730QM
PVM-666

PVM-2730QM
PN 668

5-3. FRAME SCHEMATIC DIAGRAM

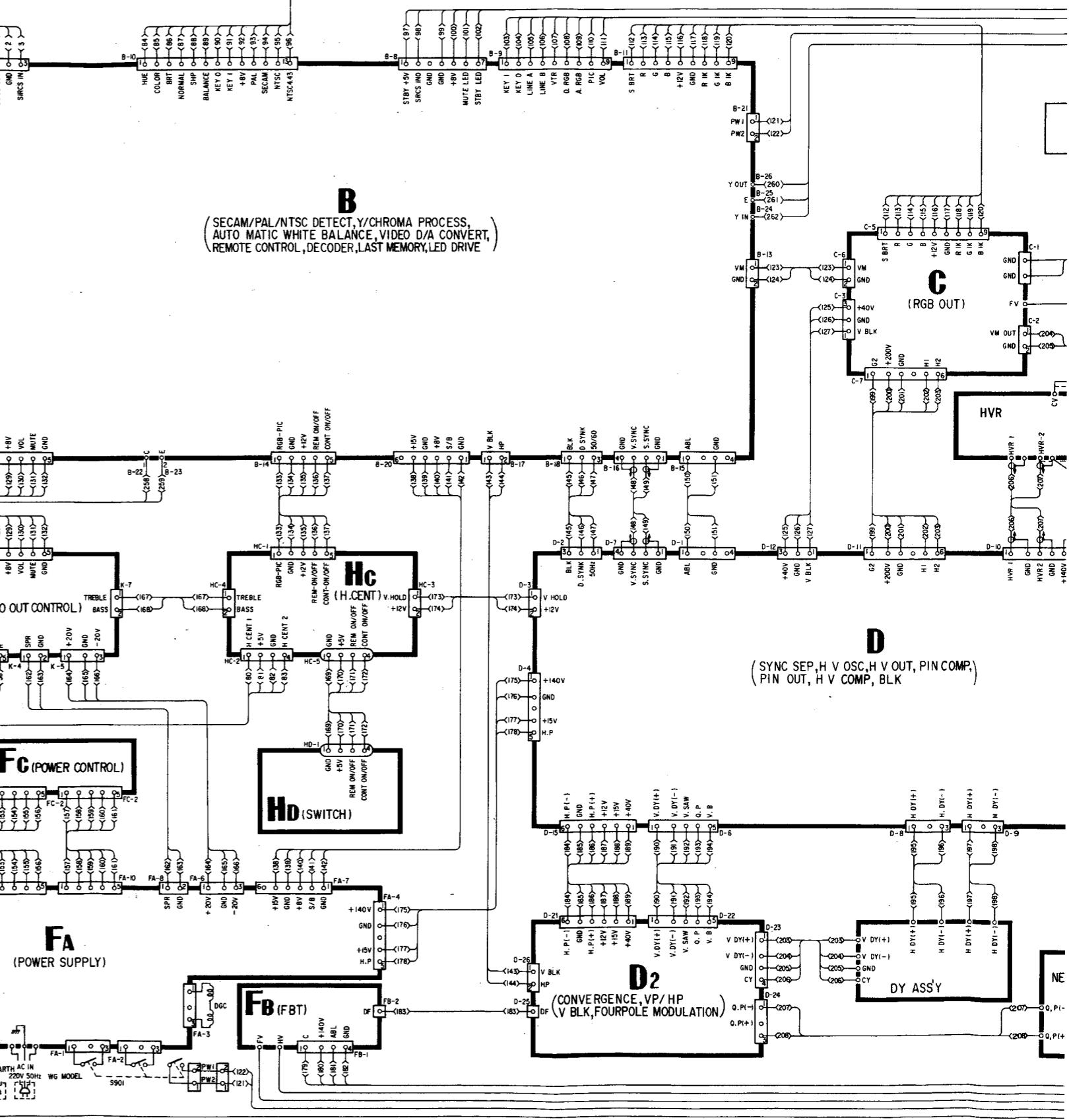
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

See Page 34 - 41



(SECAM/PAL/NTSC DETECT, Y/CHROMA PROCESS,
AUTO MATIC WHITE BALANCE, VIDEO D/A CONVERT,
REMOTE CONTROL, DECODER, LAST MEMORY, LED DRIVE)

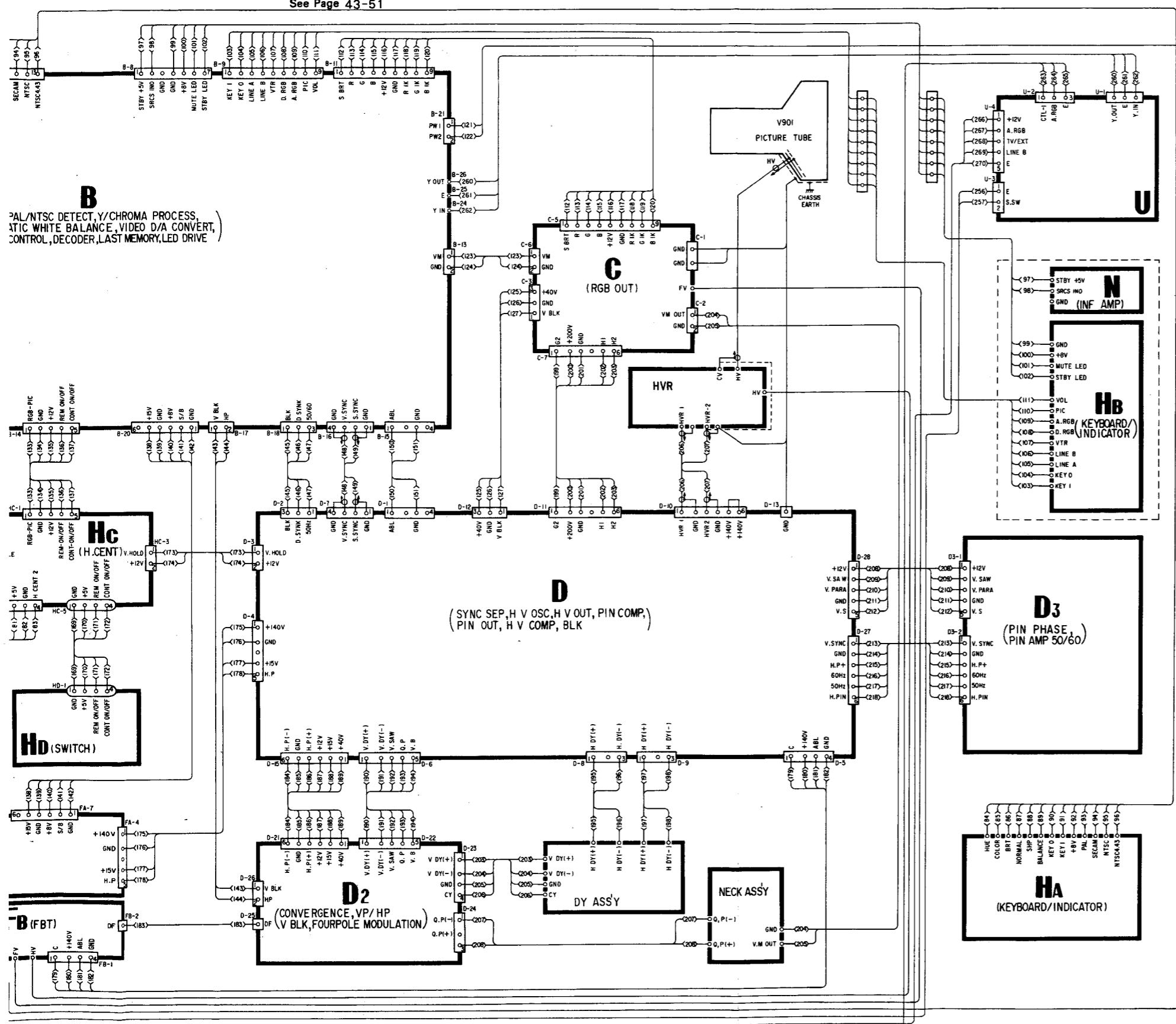
See Page 43-51



See Page 52-61

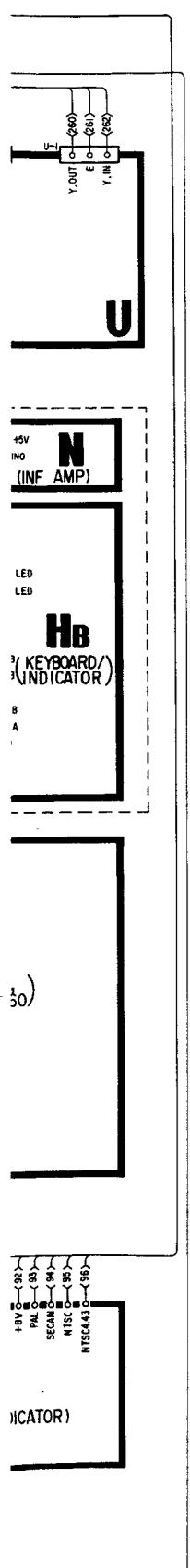
10 11 12 13 14 15 16 17 18 19 20 21 22 23

See Page 43-51



PVM-2730QM
RM-668**PVM-2730QM**
RM-668**PVM-2730QM**
RM-668

19 | 20 | 21 | 22 | 23 |



PVM-2730QM
RM-668PVM-2730QM
RM-668PVM-2730QM
RM-668

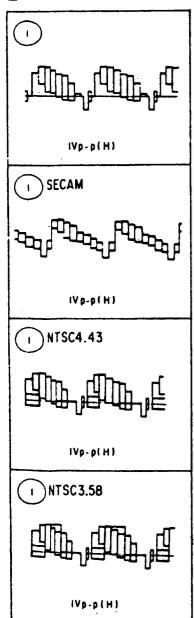
5-4. SCHEMATIC DIAGRAM AND PRINTED WIRING BOARDS

1 2 3 4 5 6 7 8 9 10 11 12

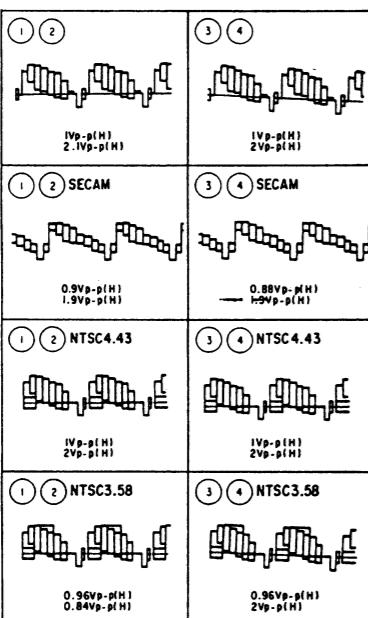
Note:

- All resistors are in ohms, 1/6W unless otherwise noted.
kΩ: 1000Ω, MΩ: 1000kΩ.
- All capacitors are in μF unless otherwise noted. pF : μμF.
50WV or less are not indicated except for electrolytics.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- nonflammable resistor.
- fusible resistor.
- panel designation.
- △ internal component.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a color-bar signal input.
- Readings are taken with a digital multimeter (DC10MΩ).
- Voltage variations may be noted due to normal production tolerances.
- adjustment for repair.
- Circled numbers refer to waveforms.
- no mark: with PAL color-ber signal input.
() : with SECAM color-ber signal input.
(()) : with NTSC 3.58MHz color-ber signal input.
[] : with NTSC 4.43MHz color-ber signal input.
- * Selected to yield optimum performance.

[QA BOARD]



[QB BOARD]



A

B

C

D

E

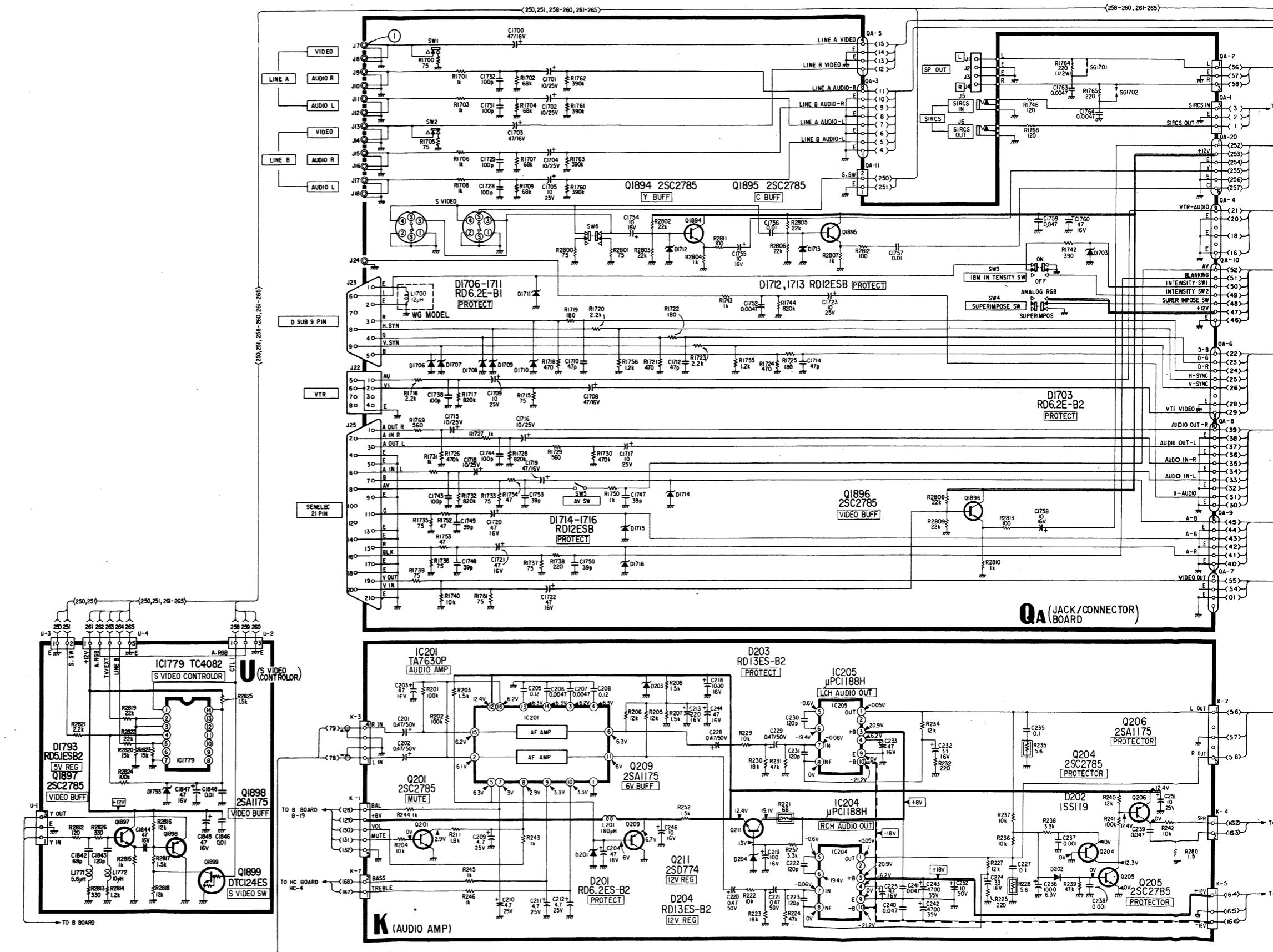
F

G

H

I

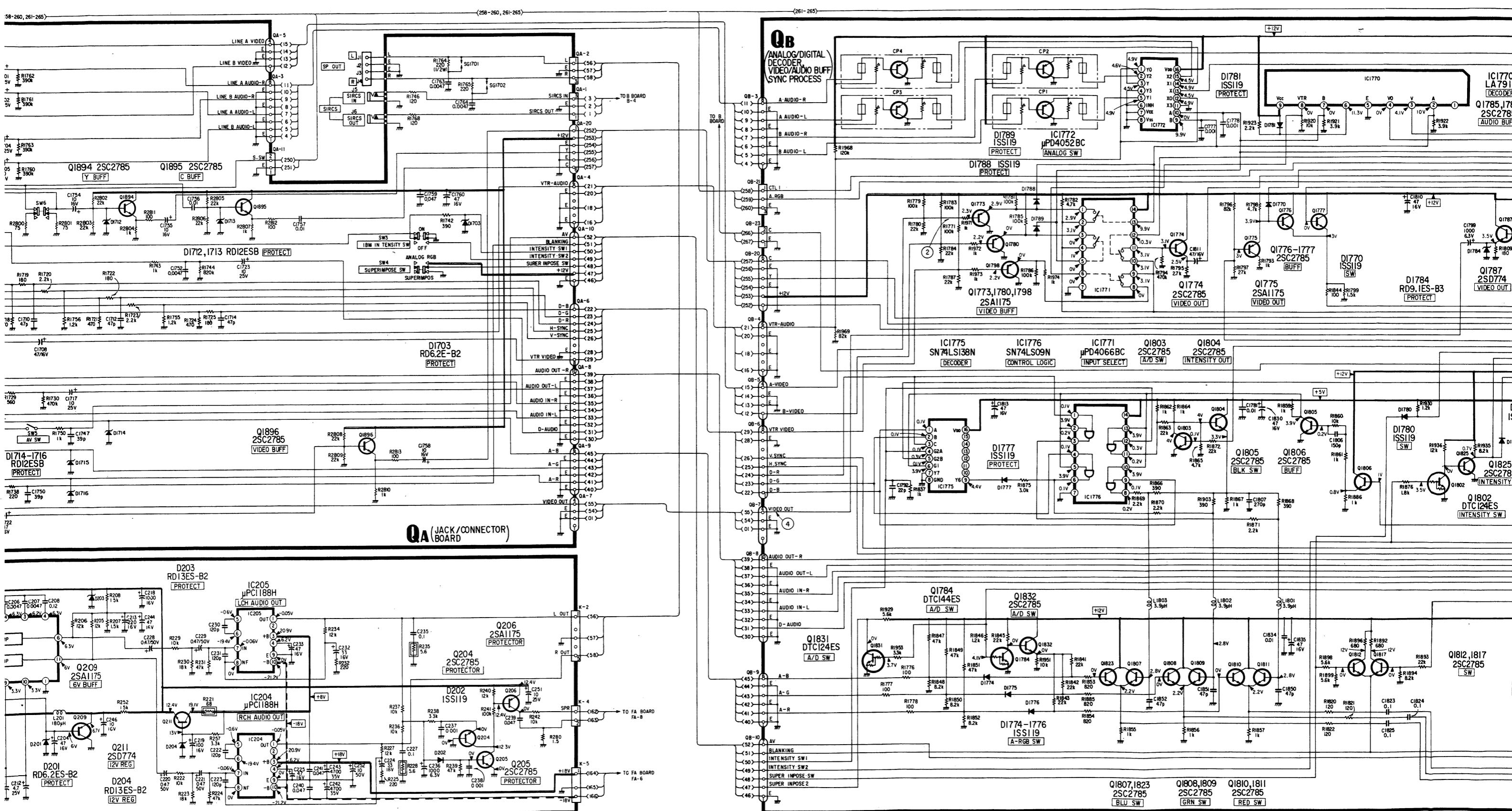
J



PVM-2730QM
RM-668

PVM-2730QM
RM-668

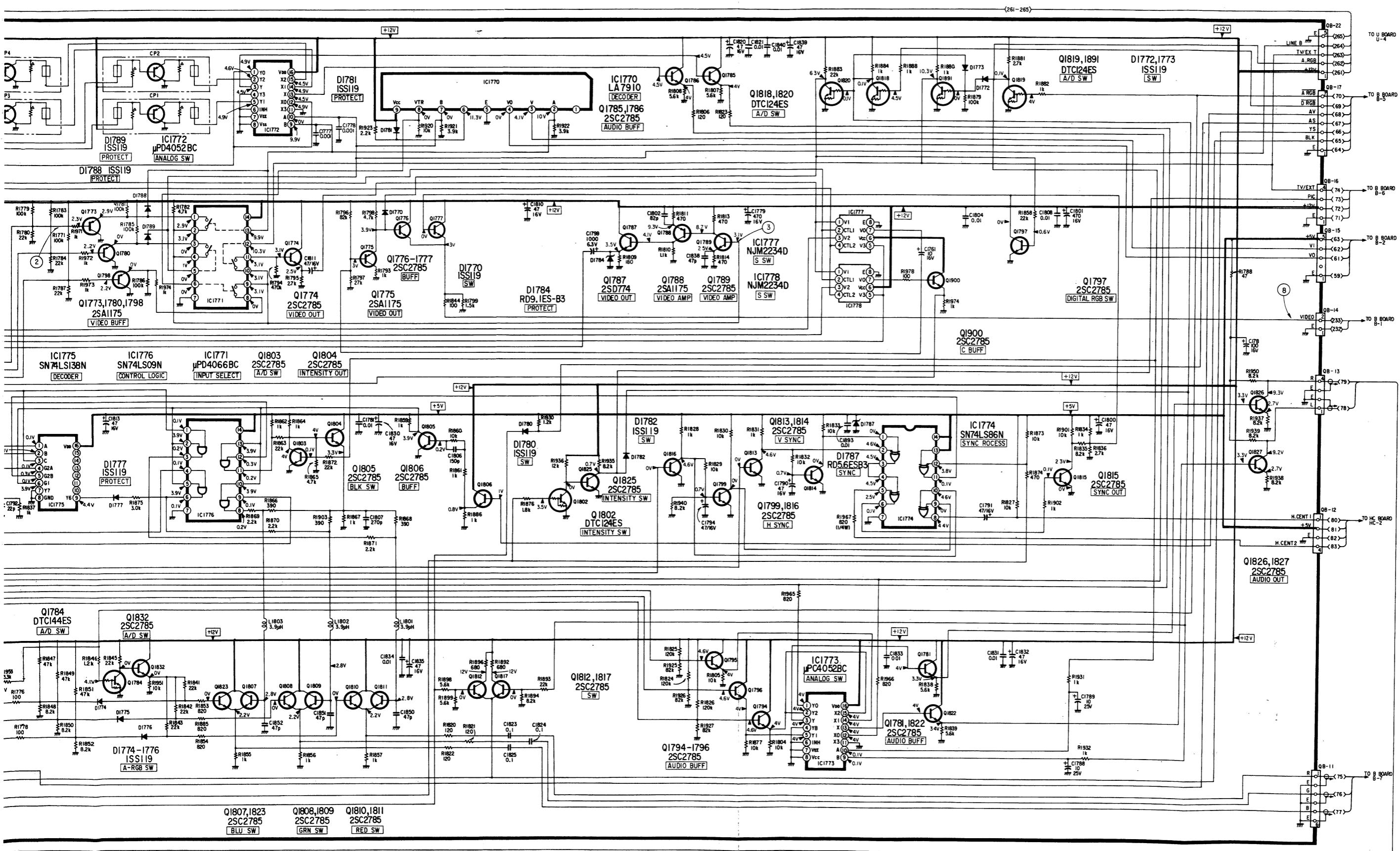
6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22



PVM-2730QM
RM-668

PVM-2730QM
RM-668

16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30

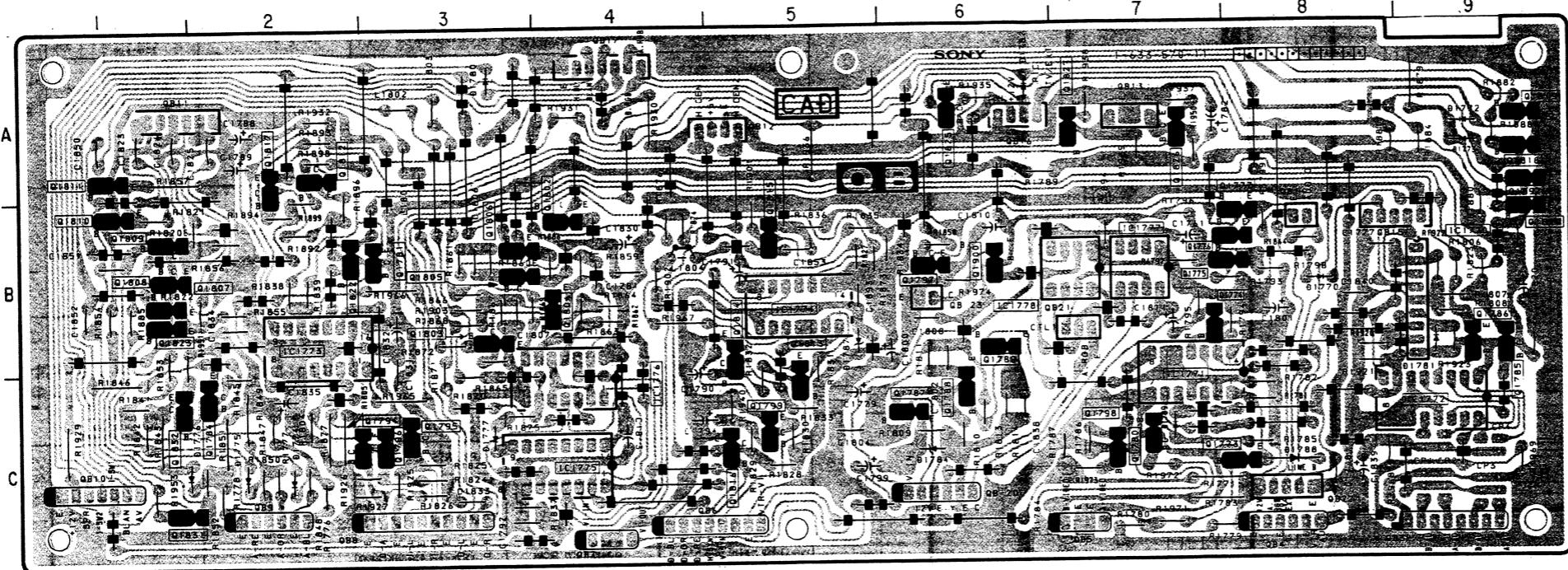


PVM-2730QM
RM-668PVM-2730QM
RM-668

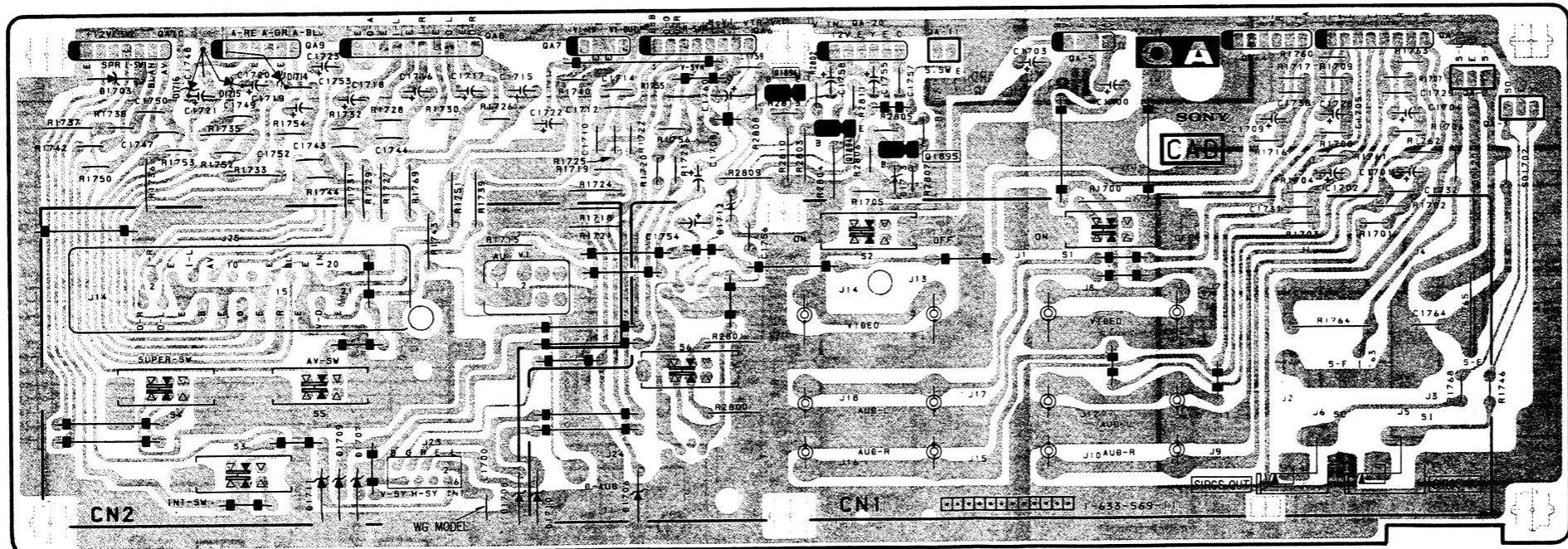
- Conductor Side -

[ANALOG/DIGITAL DECODER,
VIDEO/AUDIO BUFF SYNC PROCES]**QB**[JACK/CONNECTOR
BOARD]**QA****QB****QA**

- QB Board -



- QA Board -



- QB BOARD -

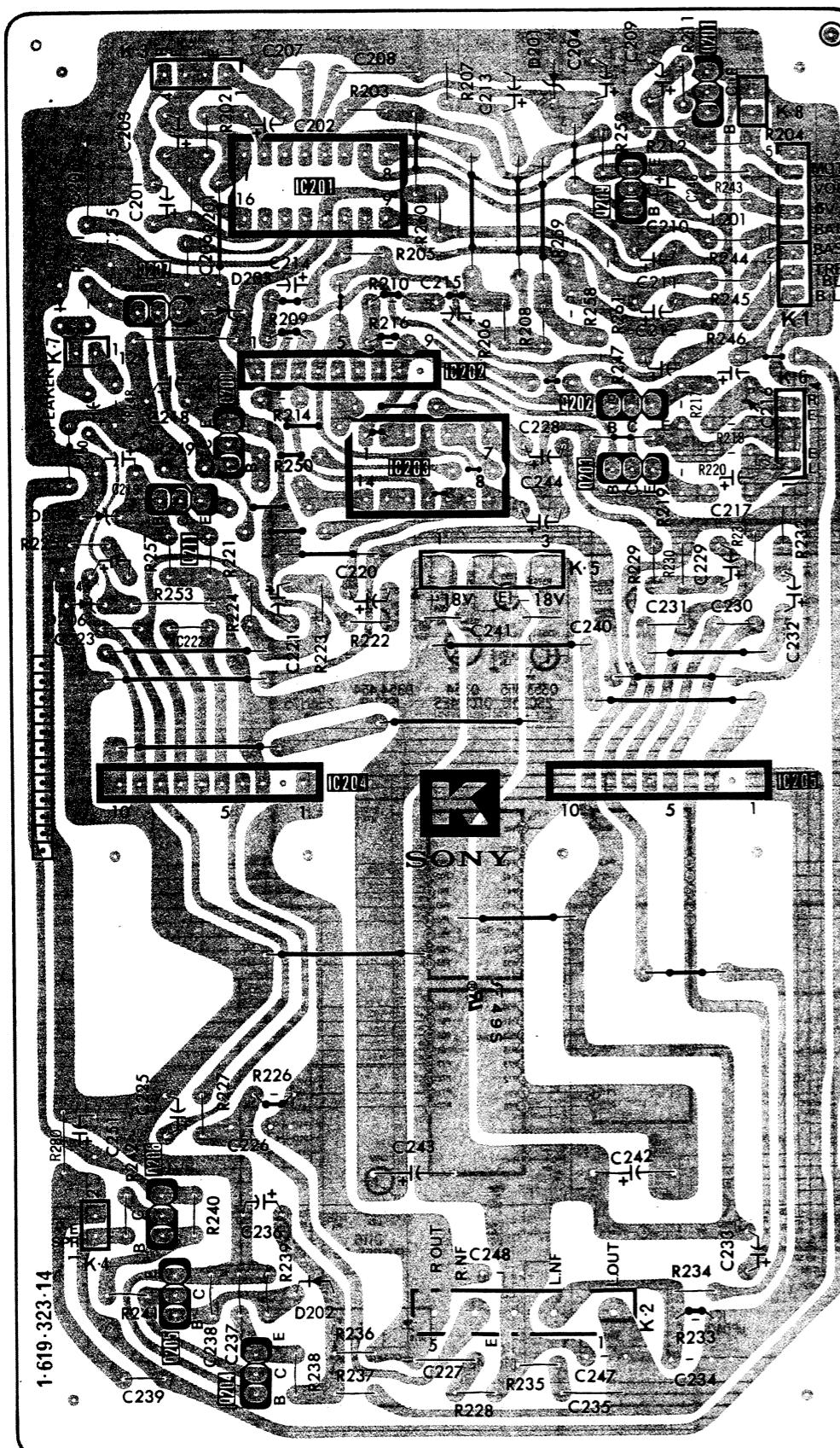
IC		
Q1808	B-1	
Q1809	B-1	
Q1810	B-1	
Q1811	A-1	
Q1812	A-2	
Q1813	B-5	
Q1814	B-5	
Q1815	B-5	
Q1816	C-5	
Q1817	A-2	
Q1818	A-9	
Q1819	A-9	
Q1820	B-9	
Q1822	B-2	
Q1823	B-1	
Q1825	A-6	
Q1773	C-8	
Q1774	B-7	
Q1775	B-8	
Q1776	B-8	
Q1777	B-8	
Q1780	C-7	
Q1781	B-3	
Q1784	C-2	
Q1785	B-9	
Q1786	B-9	
Q1787	C-6	
Q1788	C-6	
Q1789	B-6	
Q1794	C-3	
Q1795	C-3	
Q1796	C-3	
Q1797	B-6	
Q1798	C-7	
Q1799	C-5	
Q1802	B-4	
Q1803	B-3	
Q1804	B-4	
Q1805	B-3	
Q1806	B-3	
Q1807	B-1	
DIODE		
D1770	B-8	
D1772	A-9	
D1773	A-9	
D1774	C-2	
D1775	C-2	
D1776	C-2	
D1777	C-3	
D1778	A-3	
D1781	B-9	
D1782	A-6	
D1784	C-6	
D1787	B-5	
D1788	C-8	
D1789	C-7	

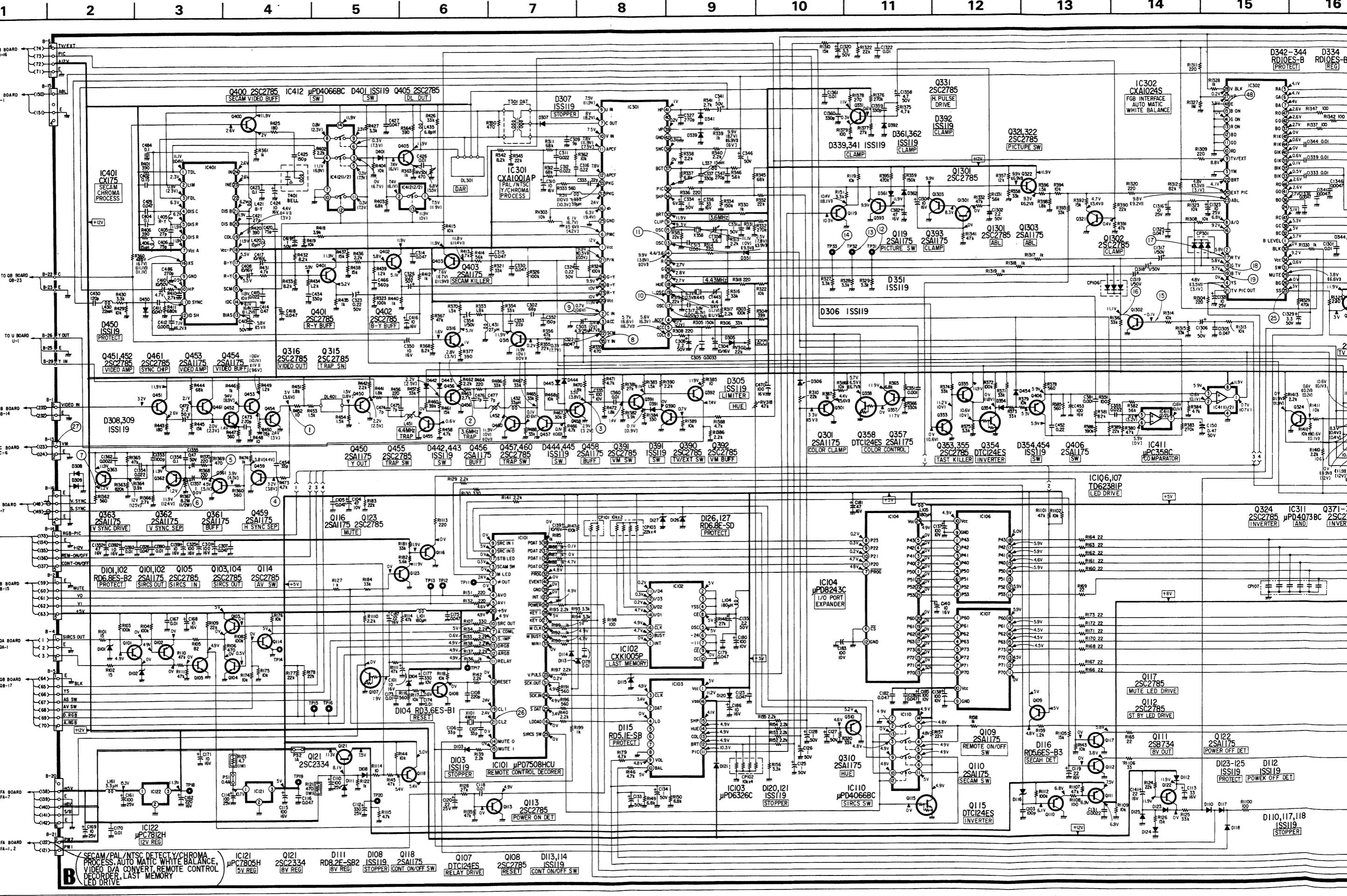
PVM-2730QM
RM-668**PVM-2730QM**
RM-668

[AUDIO AMP]

K**U**[S VIDEO
CONTROLOR]

— K Board —



PVM-2730QM
RM-668PVM-2730QM
RM-668

PVM-2730QM
RM-668

PVM-2730QM
RM-668

16

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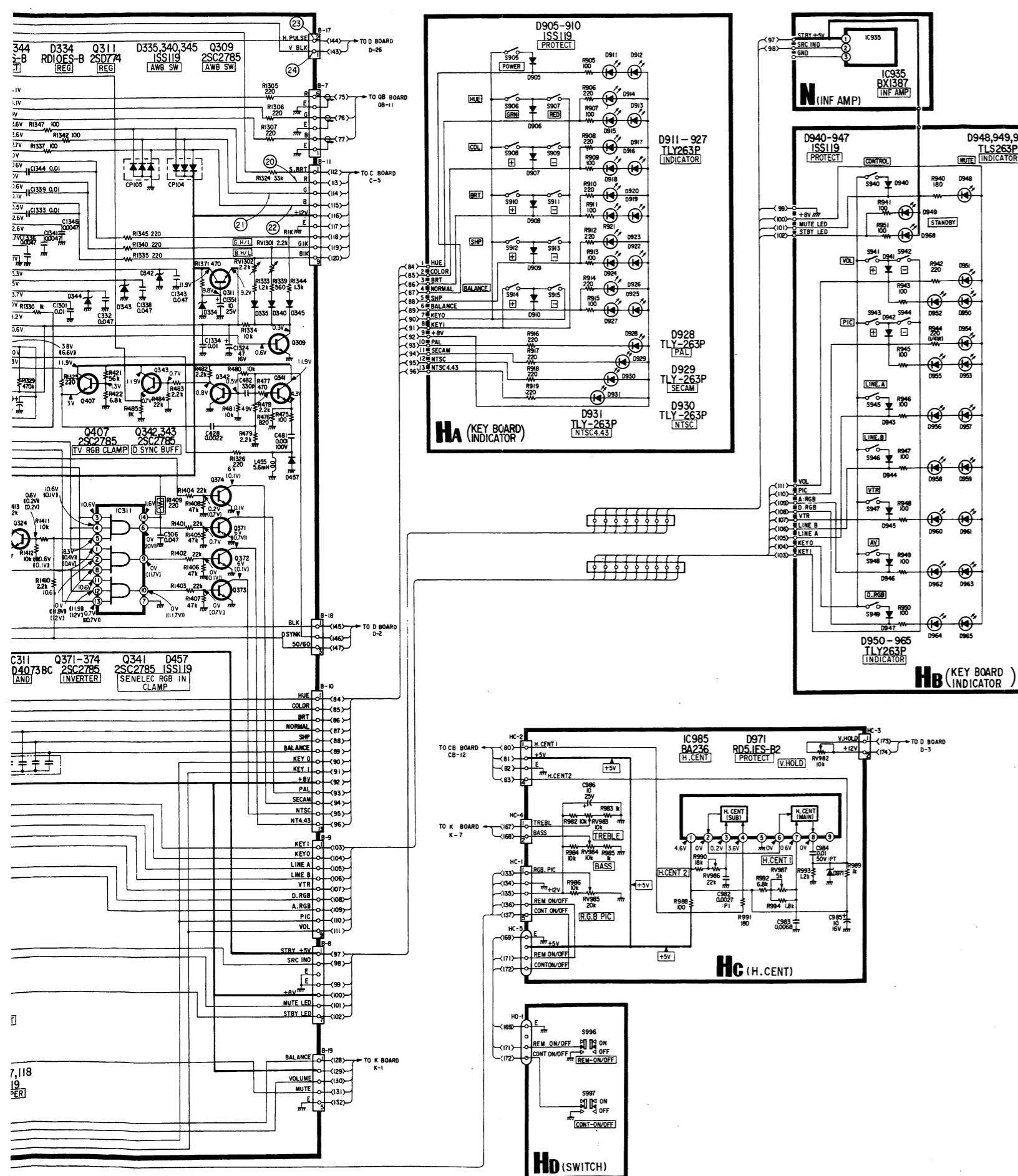
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21

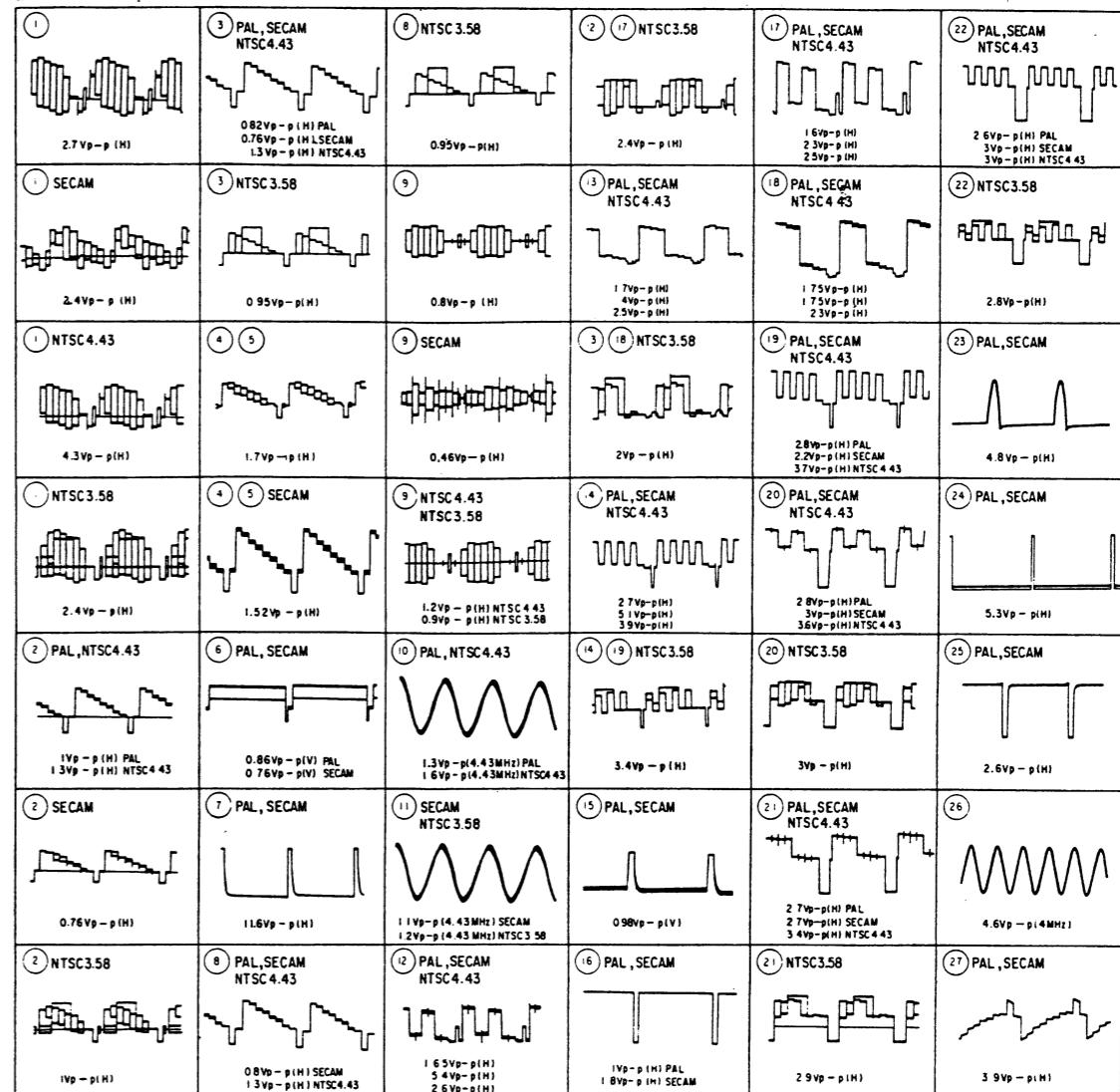
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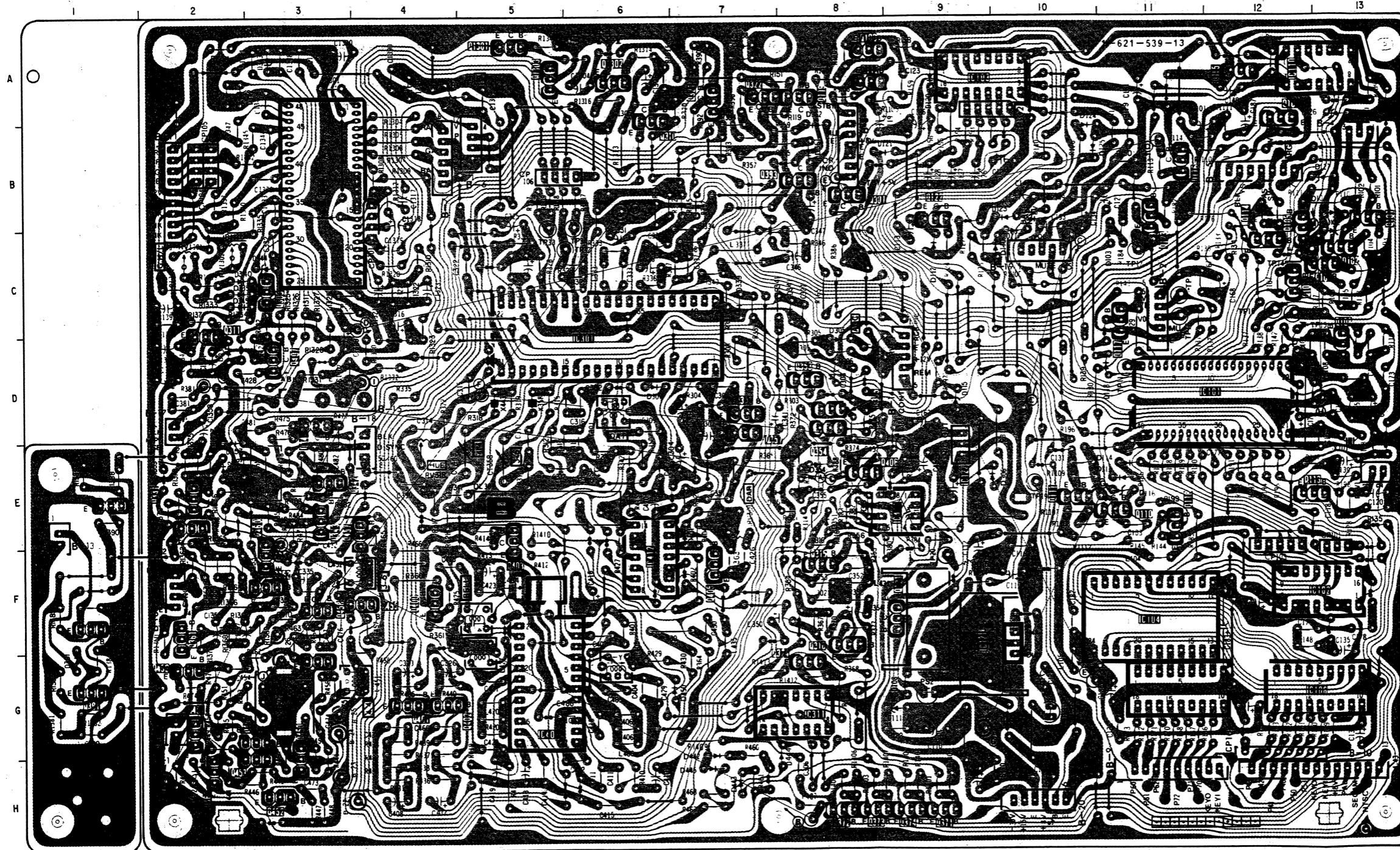
[B BOARD]



**PVM-2730QM
RM-668****PVM-2730QM
RM-668**

— Conductor Side —

— B Board —



— B BOARD —

IC	DIODE
Q331	E-2
Q341	D-3
Q342	E-3
Q343	E-3
Q345	D-8
Q354	D-8
Q355	D-8
Q357	D-7
Q358	D-7
Q361	F-2
Q362	F-3
Q363	E-2
Q371	H-9
Q372	H-8
Q373	H-8
Q374	H-9
Q390	E-1
Q391	G-1
Q392	F-1
Q393	B-8
Q400	F-4
Q401	G-4
Q402	G-4
Q403	E-5
Q405	F-7
Q406	E-8
Q407	D-3
Q450	H-3
Q451	G-2
Q452	H-3
Q453	H-3
Q454	G-3
Q455	F-4
Q456	G-3
Q457	E-4
Q458	F-3
Q459	G-2
Q460	F-3
Q461	H-2
Q1301	A-5
Q1302	A-6
Q1303	A-5
RV301	E-6
RV302	D-7
RV303	A-3
RV318	E-3
RV1301	C-1
RV1302	C-1

TRANSISTOR
Q101
Q102
Q103
Q104
Q105
Q107
Q108
Q109
Q110
Q111
Q112
Q113
Q114
Q115
Q116
Q117
Q118
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Q121
Q122
Q123
Q301
Q309
Q310
Q311
Q315
Q316
Q321
Q322
Q324

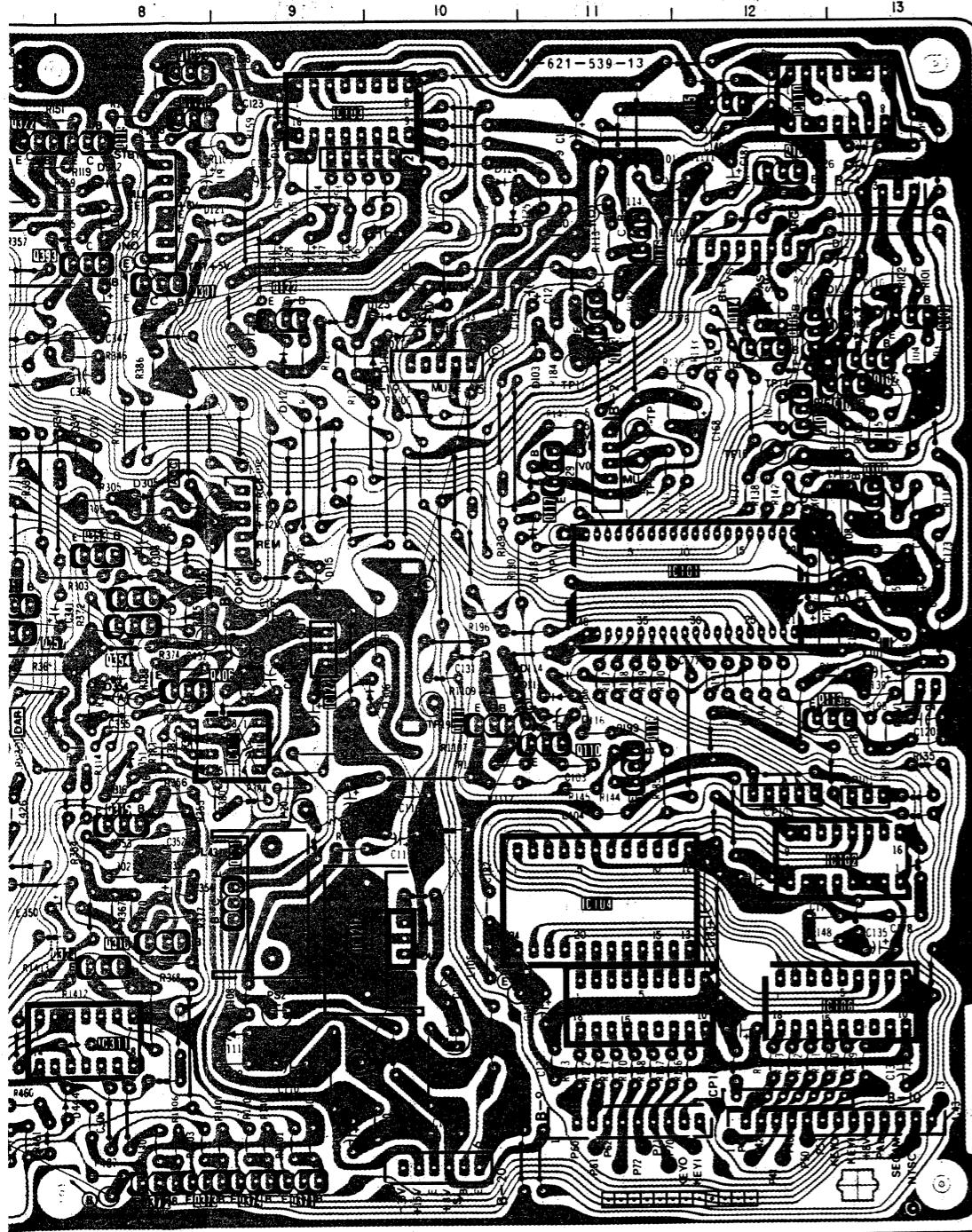
VARIABLE RESISTOR
RV301
RV302
RV303
RV318
RV1301
RV1302

I-2730QM PVM-2730QM
RM-668 RM-668

The logo consists of the words "ROMA", "ANCE", and "NTROL" stacked vertically. To the right of "ROMA" is a vertical line, followed by a square containing a large, bold letter "B". To the right of "NTROL" is another square containing a large, bold letter "B".

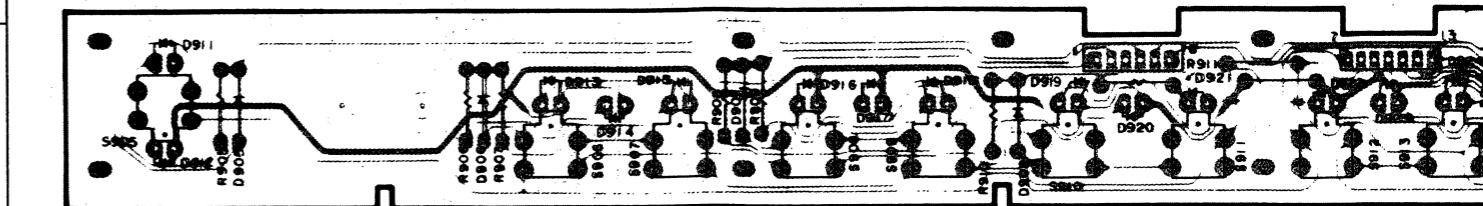
B

- B BOARD -

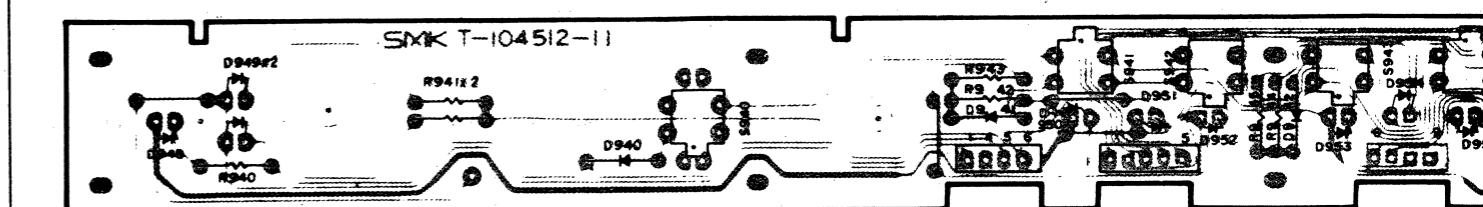


IC		Q331	E-2	D101	B-1
IC101	D-12	Q341	D-3	D102	B-1
IC102	F-13	Q342	E-3	D103	C-1
IC103	A-9	Q343	E-3	D104	D-1
IC104	F-11	Q353	D-8	D108	G-9
IC106	G-13	Q354	D-8	D110	C-1
IC107	G-11	Q355	D-8	D111	G-9
IC110	A-13	Q357	D-7	D112	C-9
IC121	F-10	Q358	D-7	D114	E-1
IC122	E-9	Q361	F-2	D115	D-9
IC301	D-6	Q362	F-3	D116	E-1
IC302	B-3	Q363	E-2	D117	C-1
IC311	G-8	Q371	H-9	D118	D-1
IC401	G-5	Q372	H-8	D120	A-9
IC411	E-9	Q373	H-8	D121	B-8
IC412	F-6	Q374	H-9	D123	B-1
TRANSISTOR		Q390	E-1	D124	B-1
Q101	B-13	Q391	G-1	D125	B-1
Q102	C-13	Q392	F-1	D126	A-1
Q103	C-12	Q393	B-8	D127	B-1
Q104	C-13	Q400	F-4	D305	D-9
Q105	C-12	Q401	G-4	D306	E-1
Q107	A-12	Q402	G-4	D307	D-9
Q108	D-13	Q403	E-5	D308	A-1
Q109	A-8	Q405	F-7	D309	A-1
Q110	E-11	Q406	E-8	D334	D-9
Q111	E-10	Q407	D-3	D335	C-2
Q112	A-8	Q450	H-3	D339	C-1
Q113	E-12	Q451	G-2	D340	C-2
Q114	C-12	Q452	H-3	D341	C-8
Q115	A-12	Q453	H-3	D342	A-1
Q116	B-11	Q454	G-3	D343	A-1
Q117	C-11	Q455	F-4	D344	C-3
Q118	E-11	Q456	G-3	D345	C-3
Q119	A-8	Q457	E-4	D351	E-8
Q121	F-9	Q458	F-3	D354	E-8
Q122	B-9	Q459	G-2	D361	B-8
Q123	B-11	Q460	F-3	D362	B-8
Q301	B-8	Q461	H-2	D391	G-
Q309	C-3	Q1301	A-5	D392	E-2
Q310	A-6	Q1302	A-6	D401	E-1
Q311	C-2	Q1303	A-5	D442	H-
Q315	F-8	VARIABLE RESISTOR		D443	H-1
Q316	F-8	RV301	E-6	D444	H-1
Q321	A-7	RV302	D-7	D445	H-1
Q322	A-7	RV303	A-3	D450	G-
Q324	G-8	RV318	E-3	D454	E-2
		RV1301	C-1	D457	E-2
		RV1202	C-1		

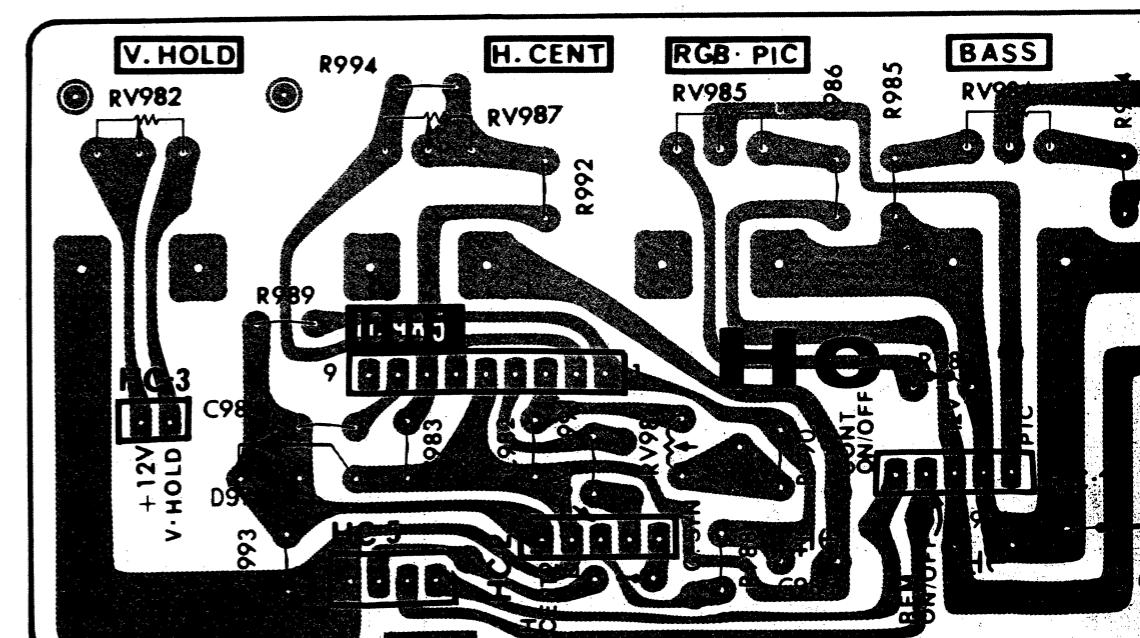
- HA Board -



- HB Board -



- HC Board -



PVM-2730QM
RM-668

PVM-2730QM
RM-668

**Y BOARD
INDICATOR**

HA

[KEY BOARD] [INDICATOR]

HB

HC

1

HB

HC

HD

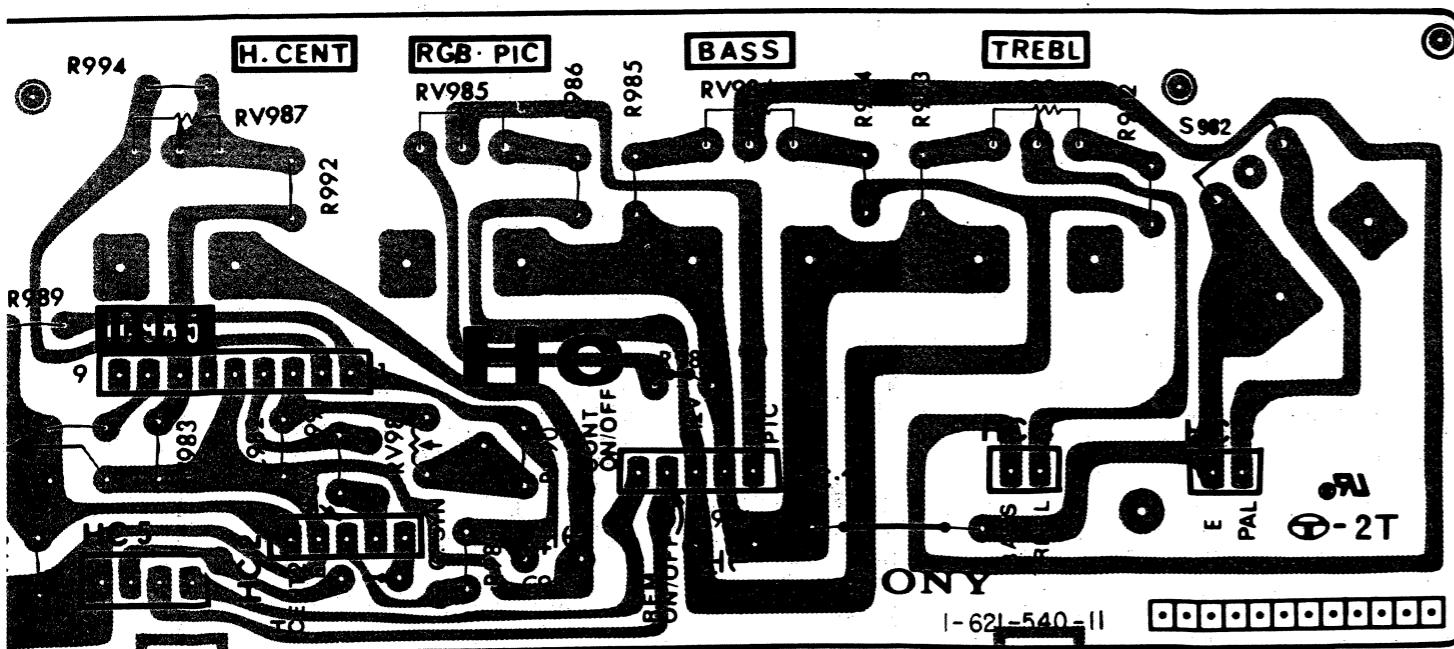
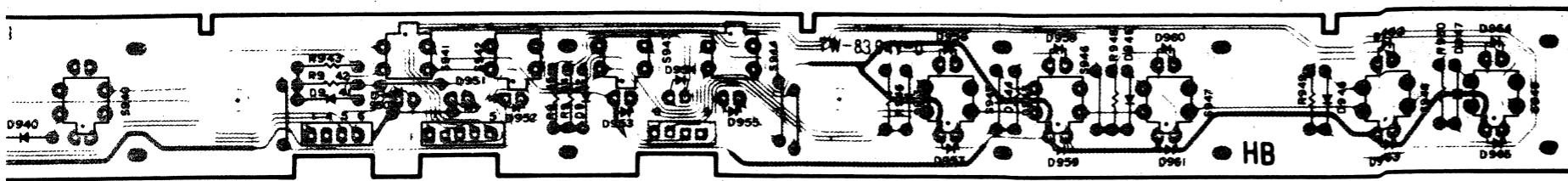
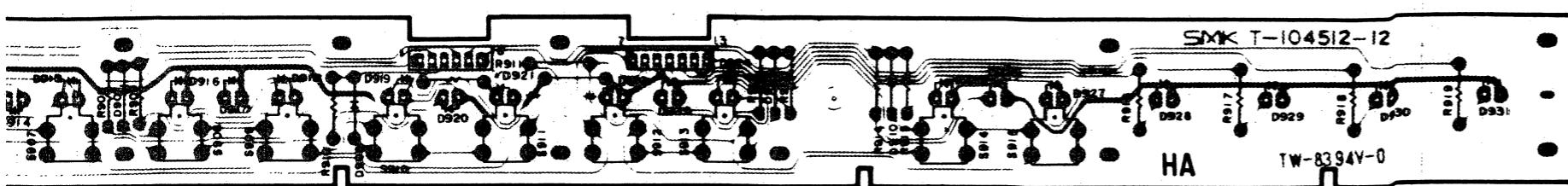
SWITCH

A

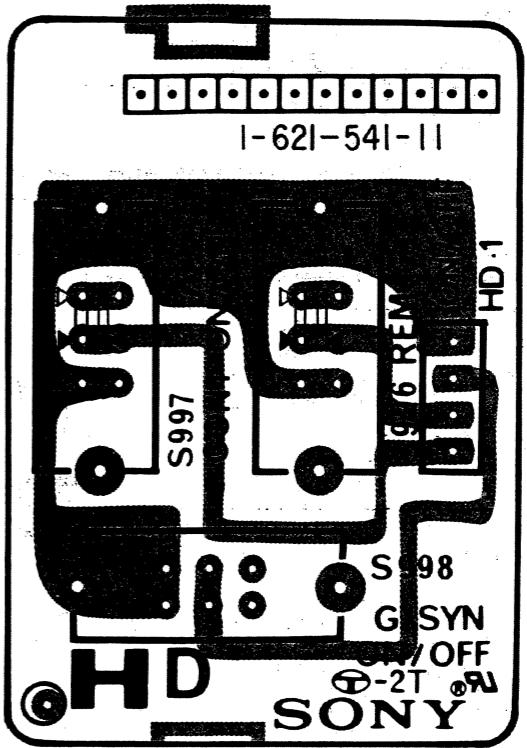
[INF AMP]

PVM-2730QM
RM-668

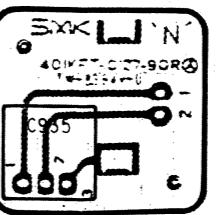
HD N



- HD Board -



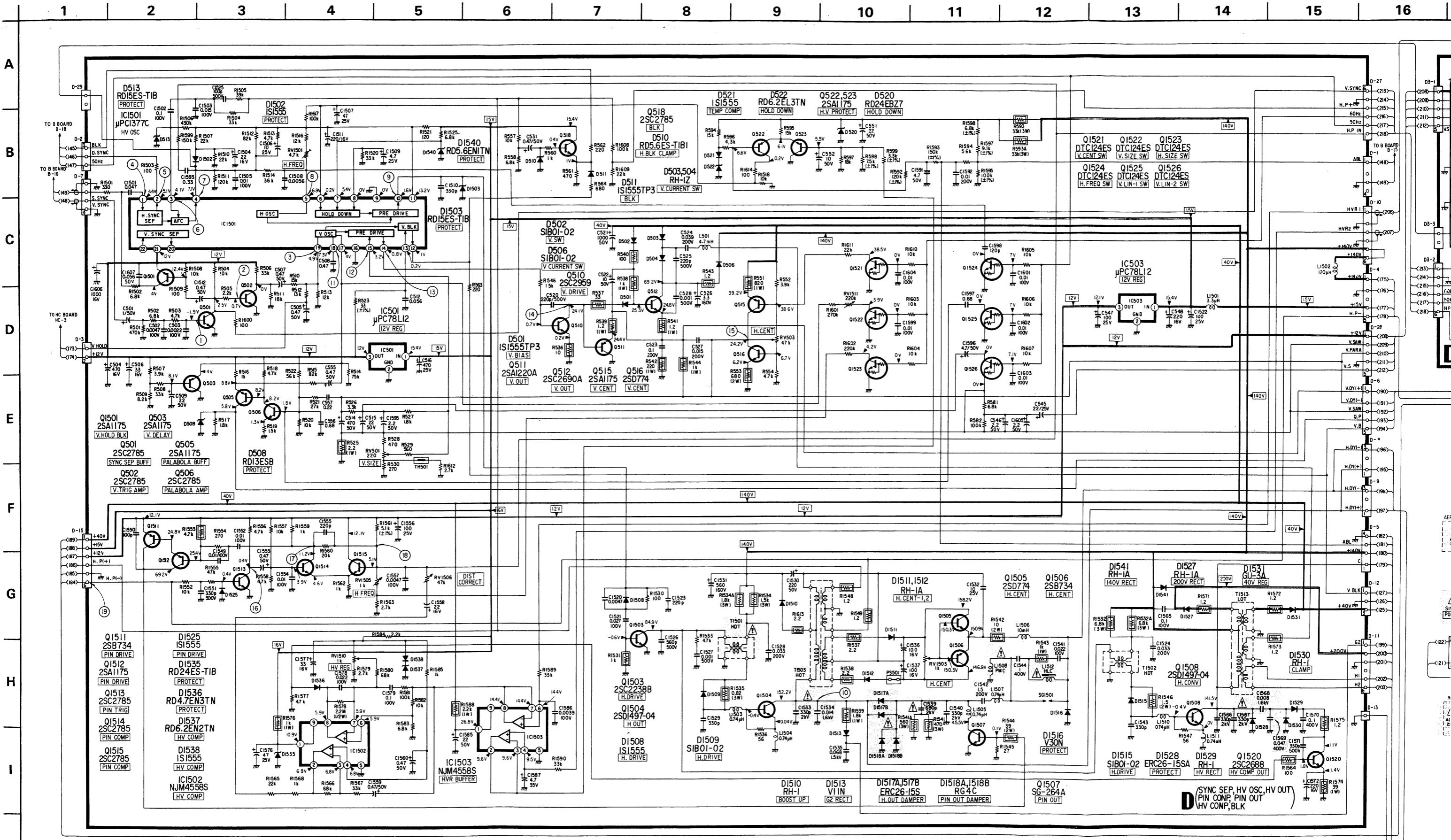
- N Board -

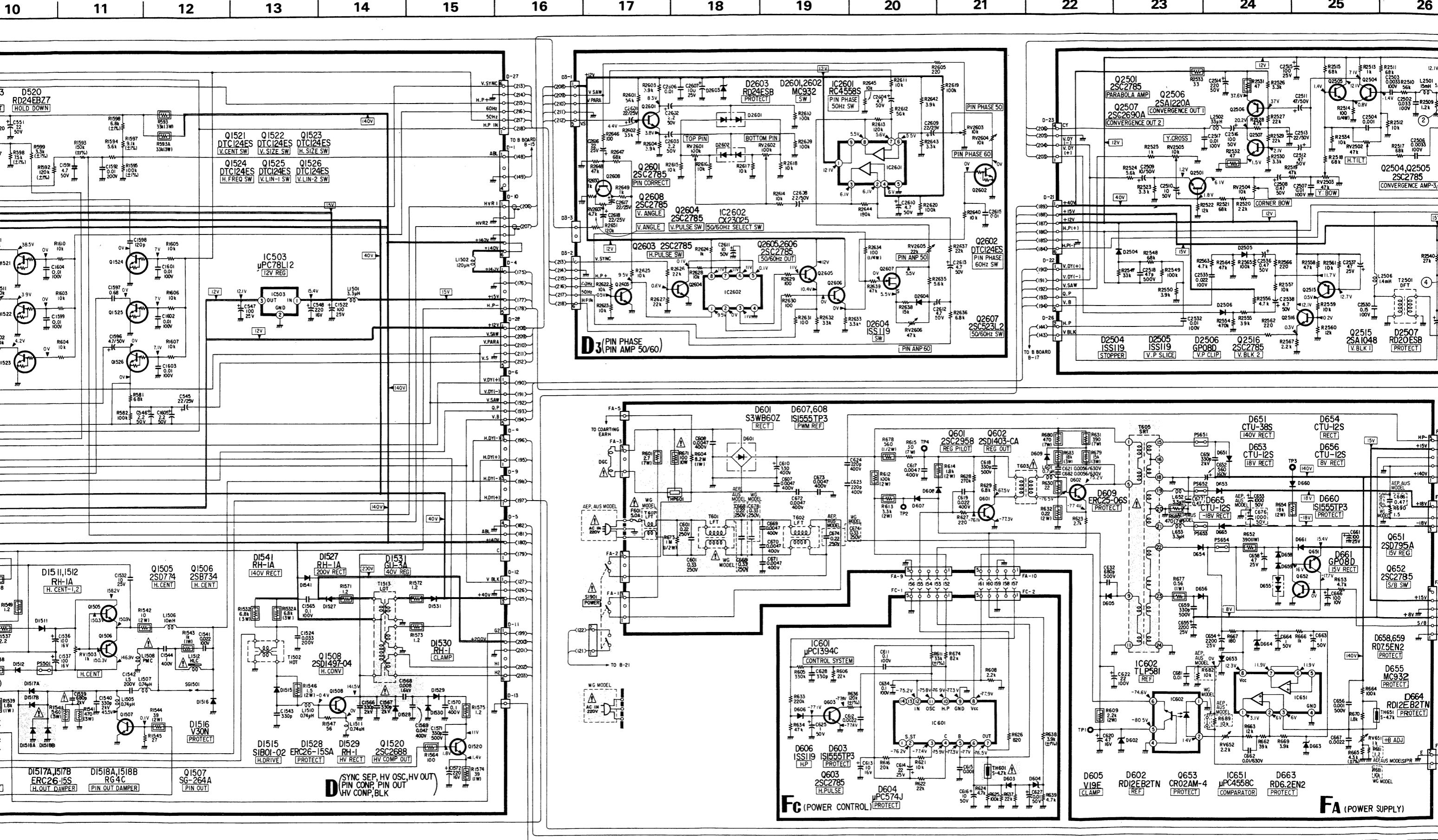


PVM-2730QM
RM-668

PVM-2730QM
RM-668

PVM-2730QM
RM-668



PVM-2730QM
RM-668**PVM-2730QM**
RM-668

PVM-2730QM
RM-668PVM-2730QM
RM-668

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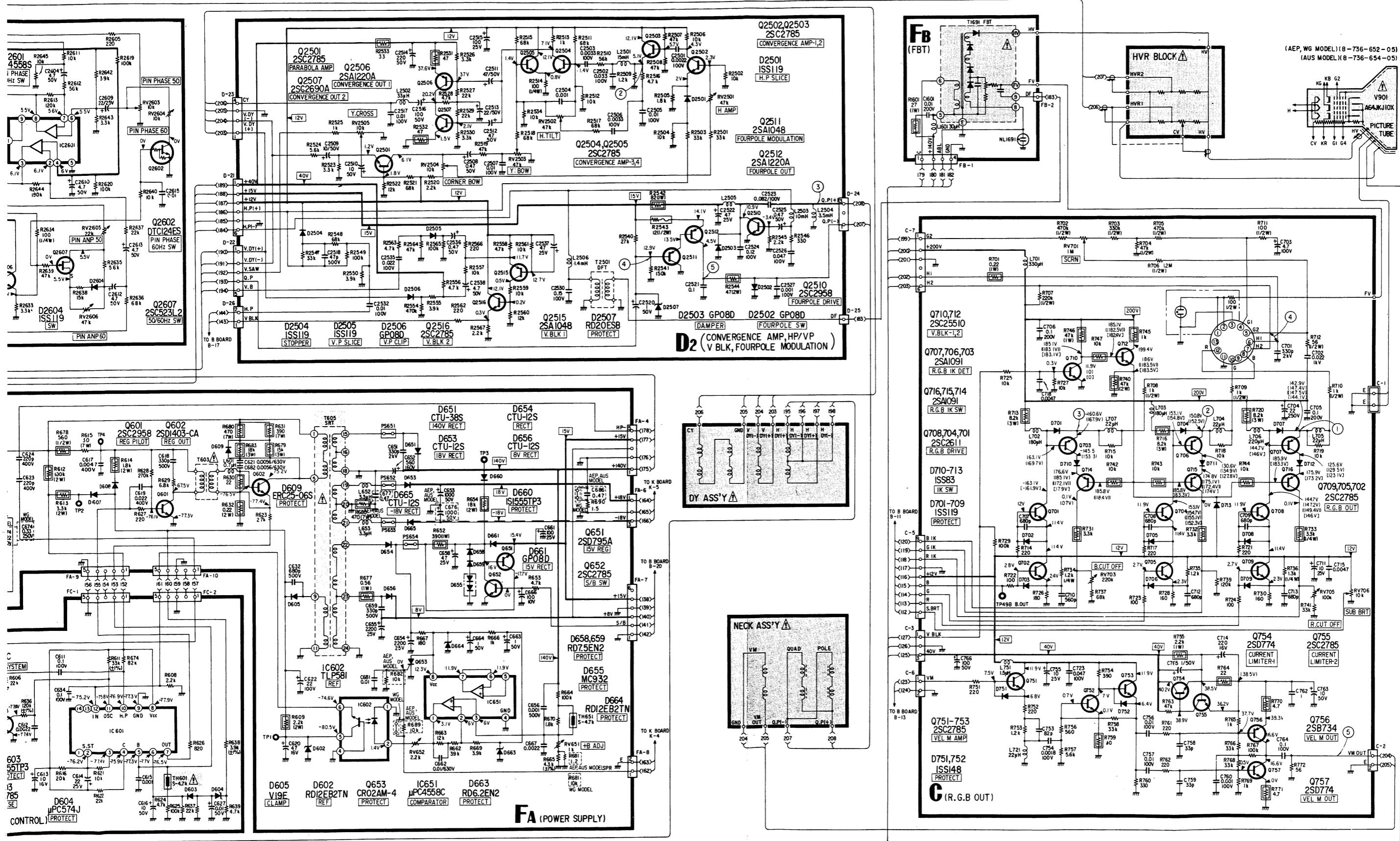
31

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PVM-2730QM
RM-668PVM-2730QM
RM-668

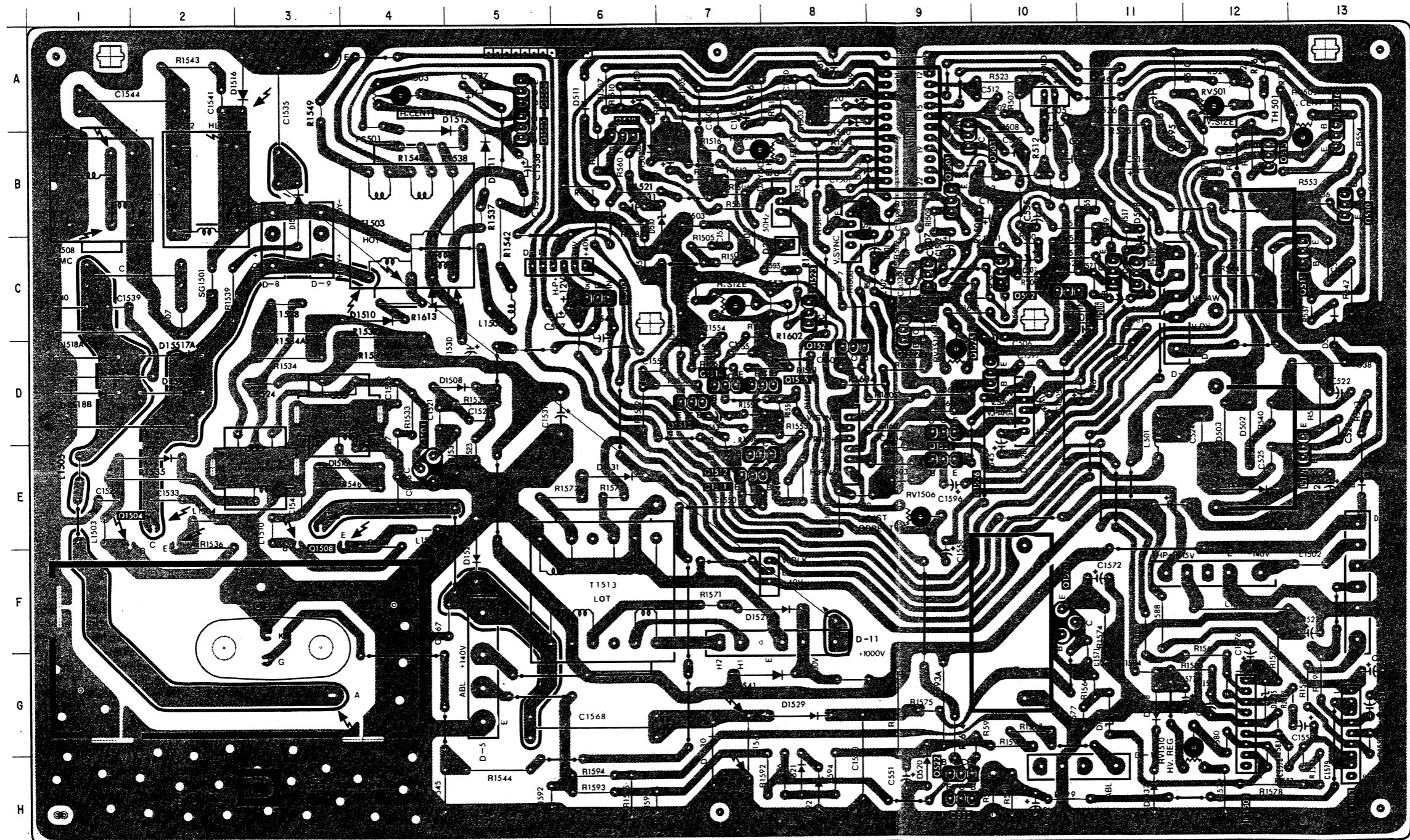
- Conductor Side -

[SYNC SEP, HV OSC, HV OUT
PIN CONP, PIN OUT
HV CONP, BLK]

D

D

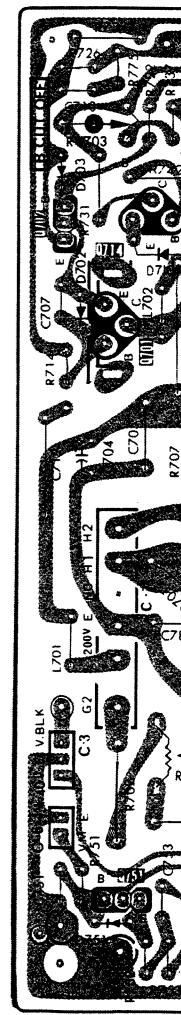
- D Board -



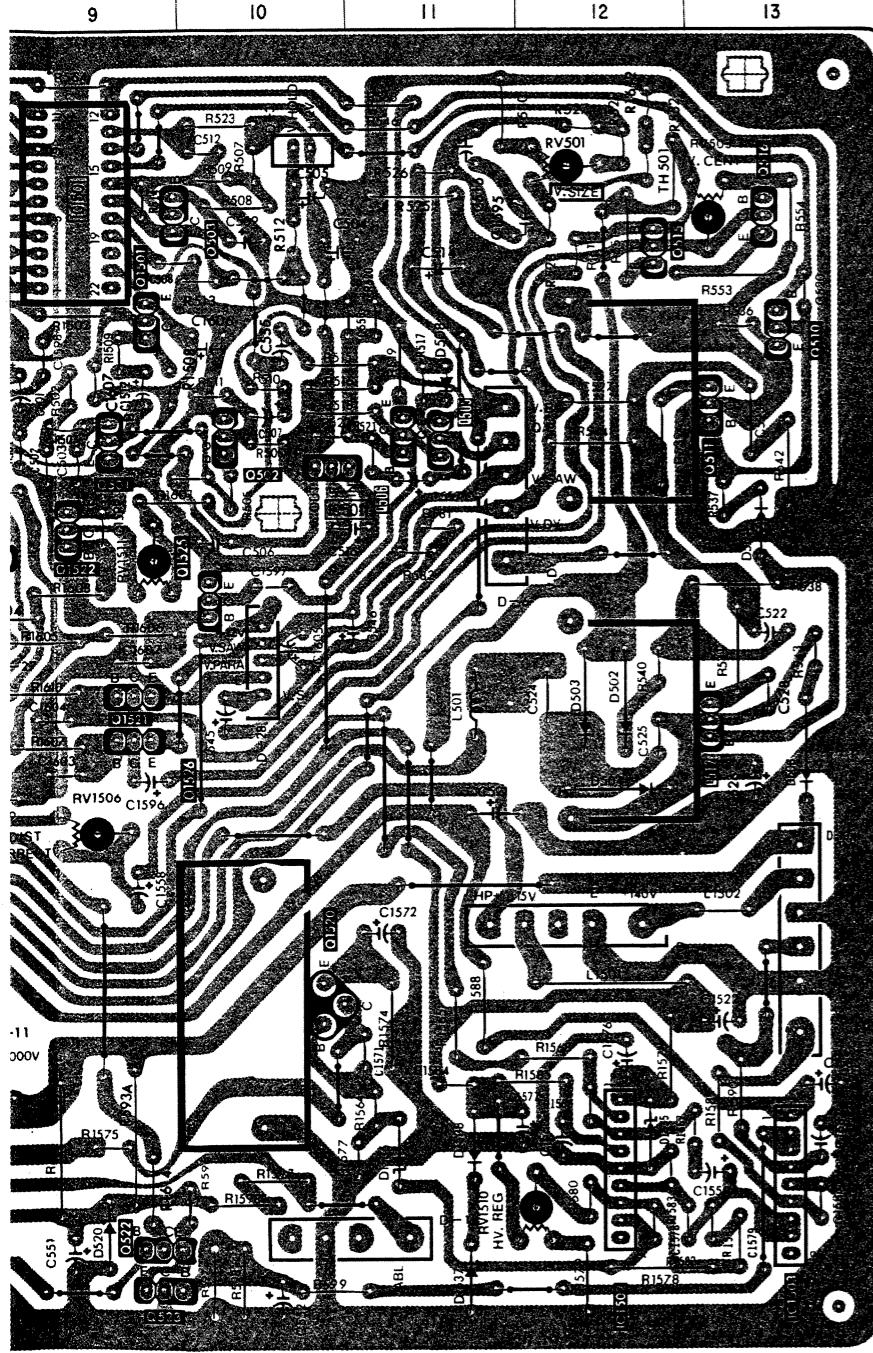
- D BOARD -

IC	DIODE
IC501	C-10
IC503	C-6
IC1501	A-9
IC1502	G-12
IC1503	G-13
TRANSISTOR	
Q501	C-9
Q502	C-10
Q503	B-9
Q505	C-11
Q506	C-11
Q510	B-13
Q511	C-13
Q512	E-13
Q515	B-12
Q516	B-13
Q518	B-6
Q522	H-9
Q523	H-9
Q1501	B-9
Q1503	E-4
Q1504	E-2
Q1505	A-6
Q1506	A-6
Q1507	F-3
Q1508	E-3
Q1511	E-7
Q1512	E-7
Q1513	D-7
Q1514	D-7
Q1515	D-8
Q1520	F-10
Q1521	D-9
Q1522	D-9
Q1523	C-8
Q1524	D-8
Q1525	D-10
Q1526	E-9
VARIABLE RESISTOR	
RV501	A-12
RV503	B-13
RV1501	B-7
RV1503	A-4
RV1505	C-7
RV1506	E-9
RV1510	G-12
RV1511	D-9

- C Board -



- FB Board -

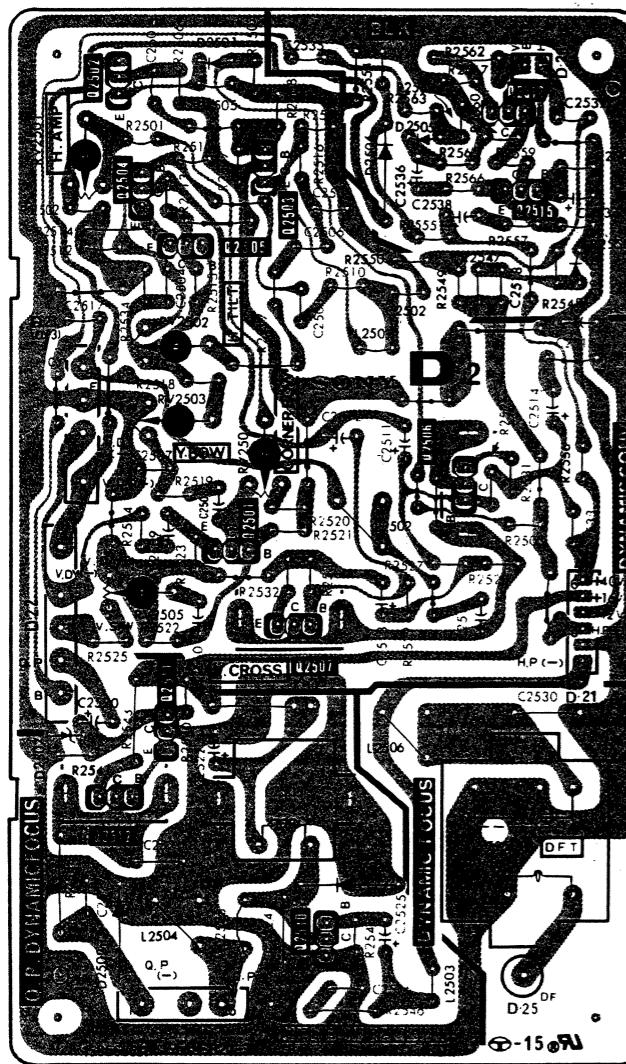
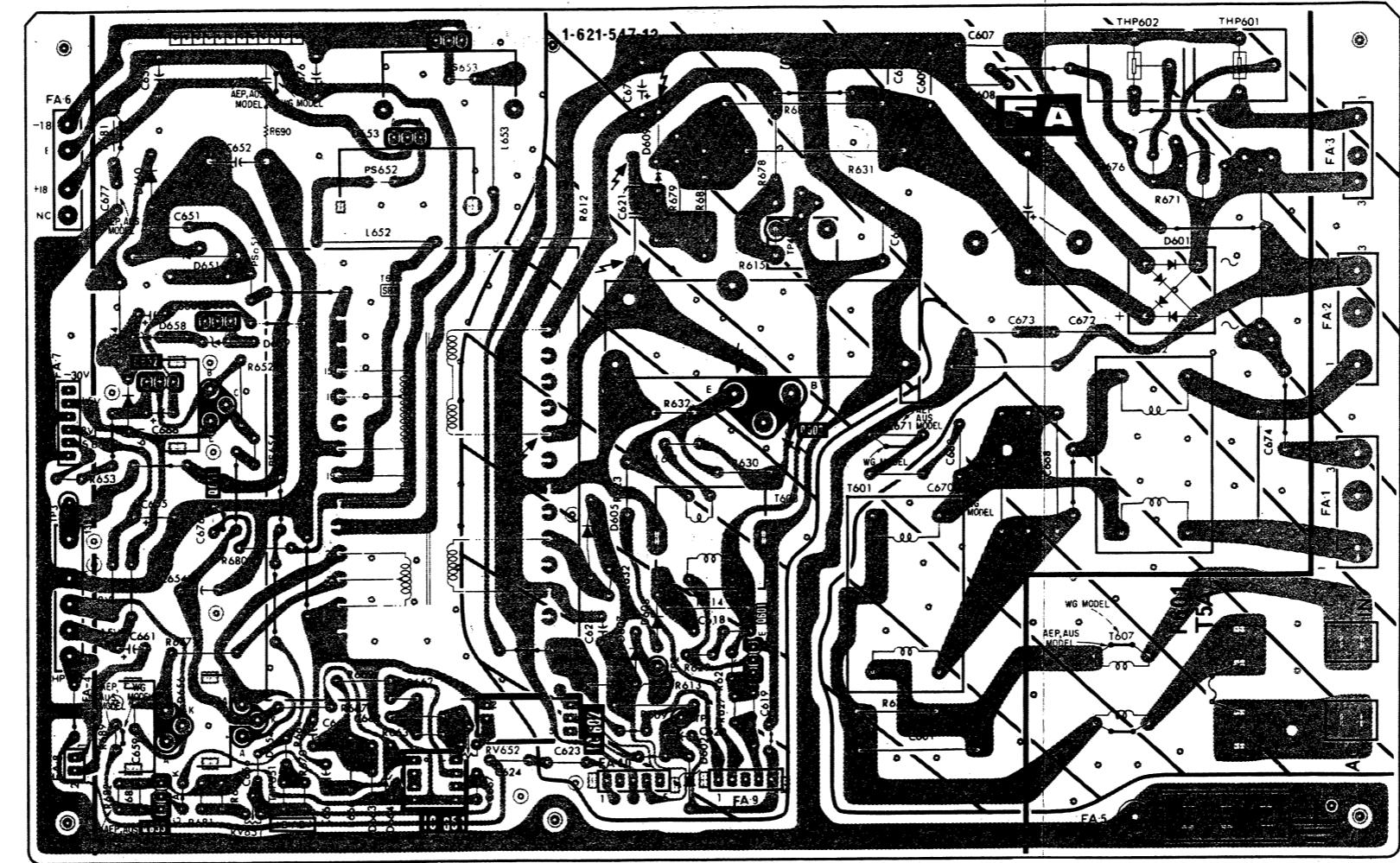
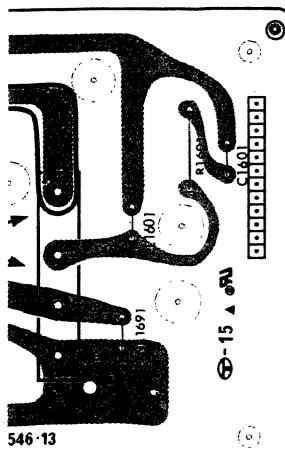
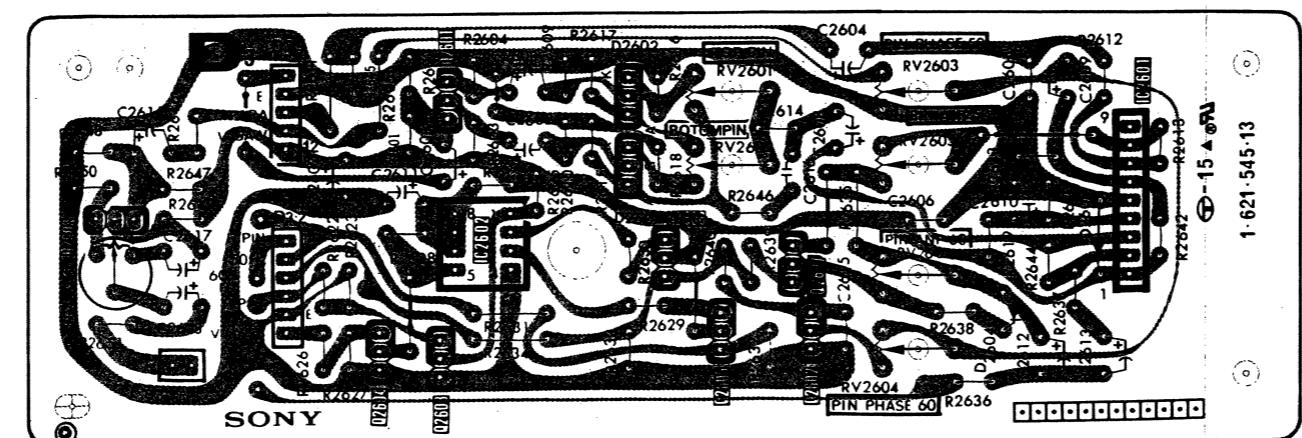
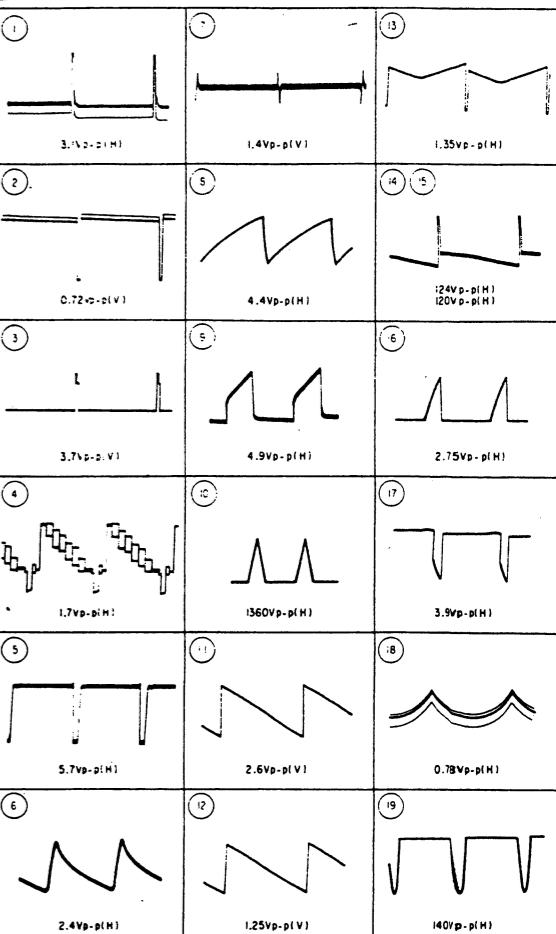
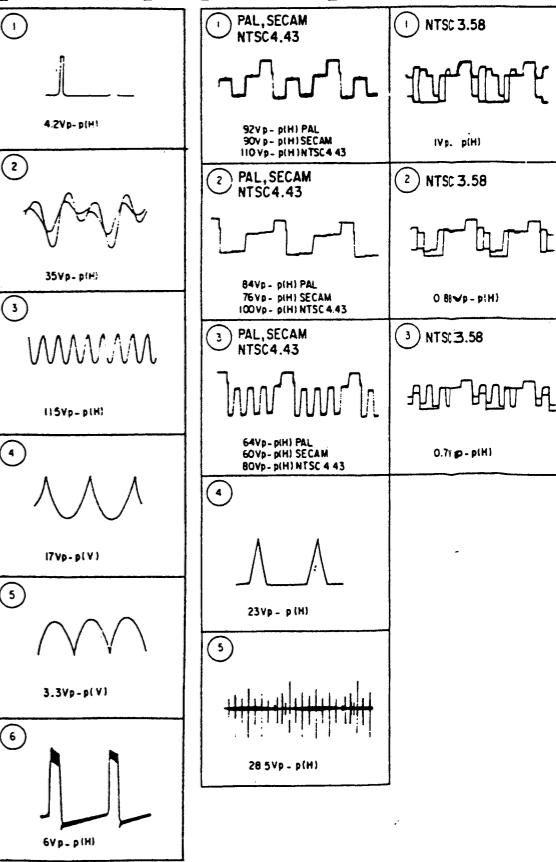
**PVM-2730QM
RM-668****D**

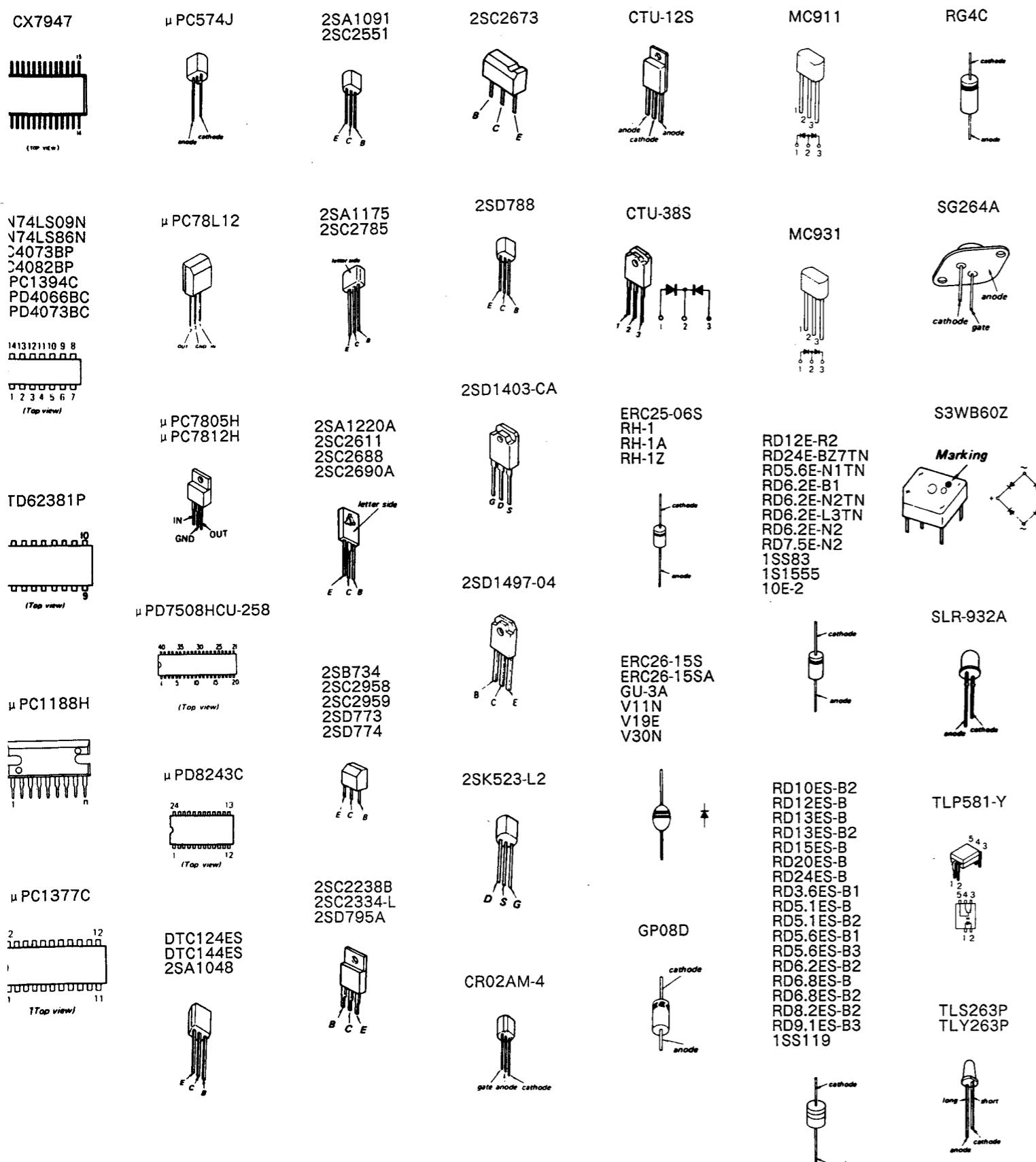
**PVM-2730QM
RM-668****PVM-2730QM
RM-668**VERGENCE AMP, HP/VP
K, FOURPOLE MODULATION**D2**

[POWER CONTROL]

FC**FA**

[POWER SUPPLY]

D3PIN PHASE
PIN AMP 50/60**- D2 Board -****- FA Board -****- FC Board -****- D3 Board -****[D BOARD]****[D2 BOARD]**

**PVM-2730QM
RM-668****PVM-2730QM
RM-668**

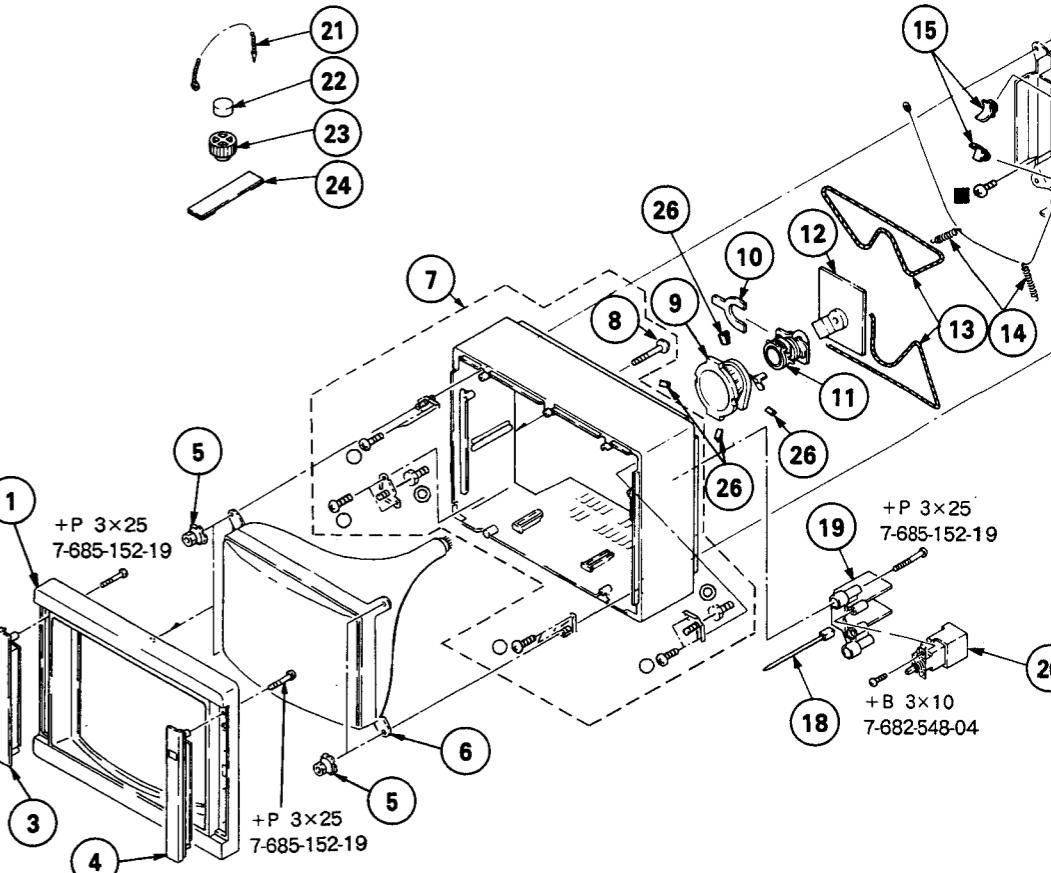
- NOTE:**
- Items with no part number and no description are not stocked because they are seldom required for routine service.
 - The construction parts of an assembled part are indicated with a collation number in the remark column.
 - Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

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

SECTION 6 EXPLODED VIEWS

6-1. PICTURE TUBE

▲ : +BVTP 4x12	7-685-661-14
◎ : BOLT, HEXAGON 5x20	7-683-340-07
○ : +BVTP 4x20	7-685-664-79
■ : +BVTP 3x8	7-685-646-79



No.	Part No.	Description	Remark	No.	Part No.	Description
1	X-4374-191-1	BEZEL ASSY		2	14	4-303-774-XX SPRING
2	3-703-083-00	+ BV 3X25		15	*4-371-629-01 STOPPER, WI	
3	1-464-792-11	KEY BOARD UNIT (A)		16	4-306-034-00 FLANGE NUT,	
4	1-464-793-11	KEY BOARD UNIT (B)		17	Δ 1-230-712-22 RESISTOR AS	
5	4-376-980-01	NUT, SPECIAL, PICTURE TUBE		18	*4-371-182-01 SHAFT	
6	Δ 8-736-652-05	PICTURE TUBE (A64JKJ10X) (AEP, WG ONLY)		19	*4-371-183-01 COVER, MAIN	
	Δ 8-736-654-05	PICTURE TUBE (A64JKJ10X) (AUS ONLY)		20	Δ 1-554-966-12 SWITCH, PUS	
7	X-4374-192-1	CABINET ASSY		8	4-308-870-00 CLIP, LEAD	
8	4-319-520-11	SCREW, SPECIAL (+PW4X30)		21	1-452-032-00 MAGNET, DIS	
9	Δ 1-451-255-23	DEFLECTION YOKE (Y27FXA)		22	1-452-094-00 MAGNET, ROT	
10	1-452-146-21	MAGNET, BMC		23	X-4308-815-0 PERMALLOY A	
11	Δ 1-452-351-22	NECK ASSY, PICTURE TUBE (NA302)		24	3-703-003-00 SPACER, DY	
12	*A-1330-789-A	C BOARD, COMPLETE				
13	Δ 1-426-278-22	COIL, DEMAGNETIZATION				

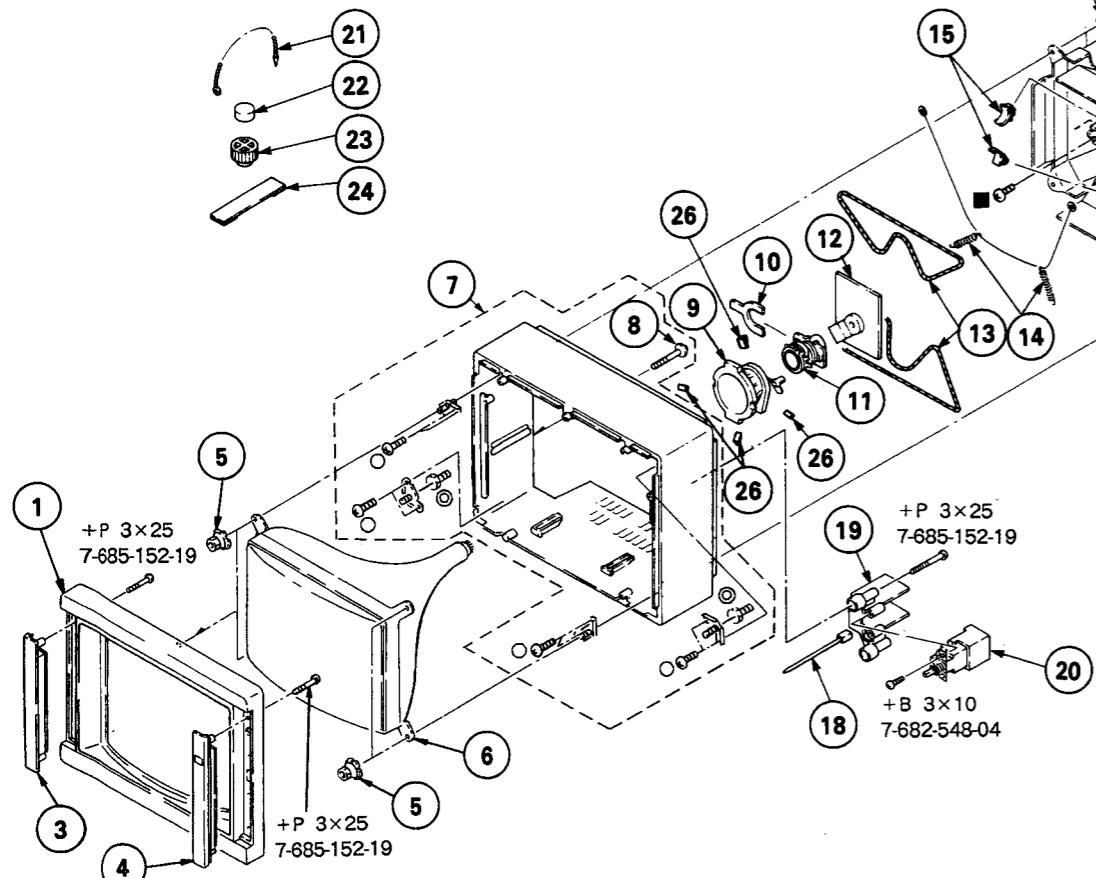
PVM-2730QM
RM-668PVM-2730QM
RM-668

SECTION 6 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 callout 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.

6-1. PICTURE TUBE

▲ : +BVTP 4x12	7-685-661-14
◎ : BOLT, HEXAGON 5x20	7-683-340-07
○ : +BVTP 4x20	7-685-664-79
■ : +BVTP 3x8	7-685-646-79

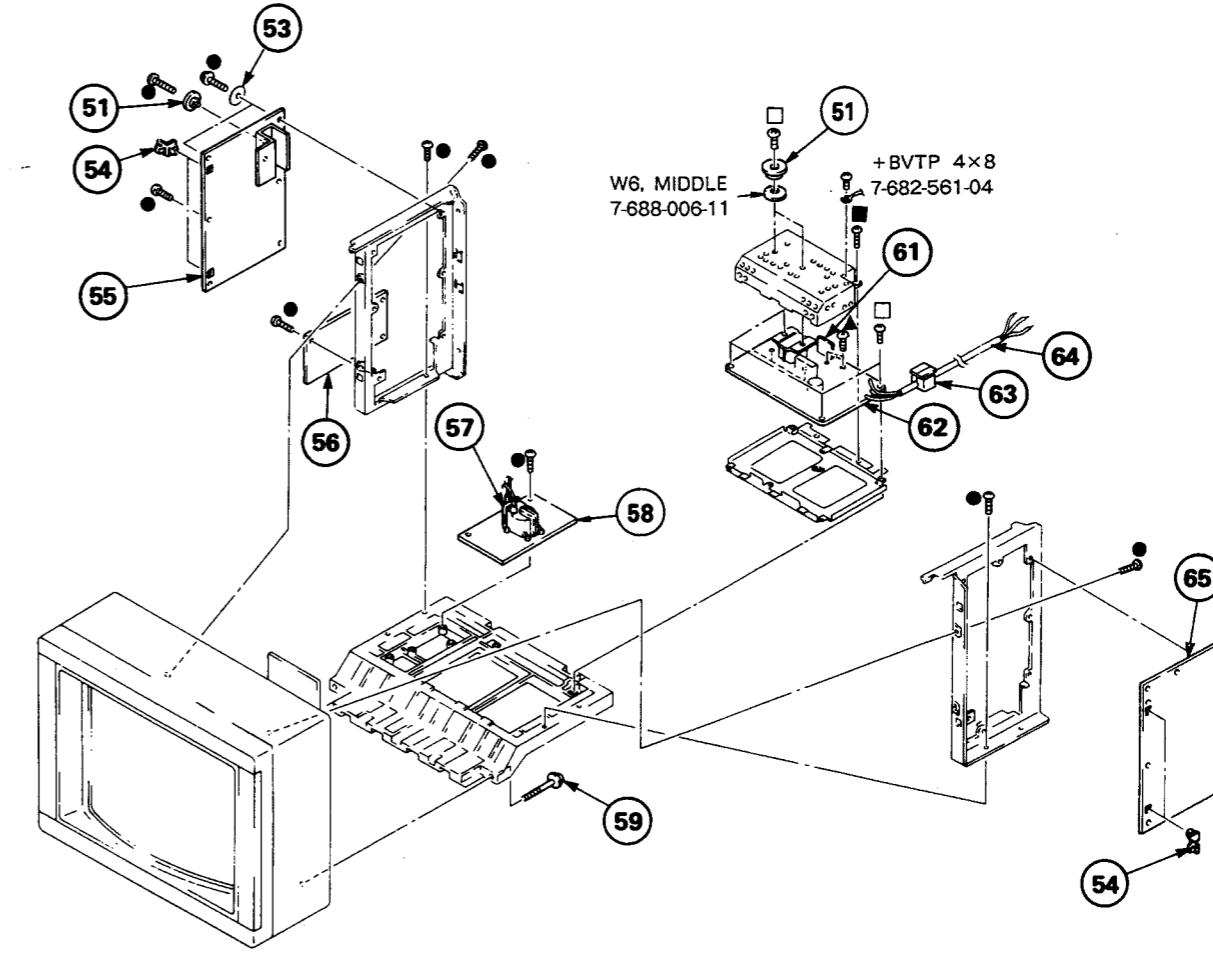


No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	X-4374-191-1	BEZEL ASSY		2	14	4-303-774-XX	SPRING
2	3-703-083-00	+ BV 3X25		15	*4-371-629-01	STOPPER, WIRE	
3	1-464-792-11	KEY BOARD UNIT (A)		16	4-306-034-00	FLANGE NUT, (B) 5MM	
4	1-464-793-11	KEY BOARD UNIT (B)		17	▲ 1-230-712-22	RESISTOR ASSY, HIGH-VOLTAGE	
5	4-376-980-01	NUT, SPECIAL, PICTURE TUBE		18	*4-371-182-01	SHAFT	
6	▲ 8-736-652-05	PICTURE TUBE (A64JKJ10X) (AEP, WG ONLY)		19	*4-371-183-01	COVER, MAIN SWITCH	
7	▲ 8-736-654-05	PICTURE TUBE (A64JKJ10X) (AUS ONLY)		20	▲ 1-554-966-12	SWITCH, PUSH (AC POWER)(1 KEY)	
8	X-4374-192-1	CABINET ASSY		21	4-308-870-00	CLIP, LEAD WIRE	
9	4-319-520-11	SCREW, SPECIAL (+PW4X30)		22	1-452-032-00	MAGNET, DISK; 10MM Ø	
10	▲ 1-451-255-23	DEFLECTION YOKE (Y27FXA)		23	1-452-094-00	MAGNET, ROTATABL E DISK; 15MM Ø	
11	1-452-146-21	MAGNET, BMC		24	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
12	▲ 1-452-351-22	NECK ASSY, PICTURE TUBE (NA302)		26	3-703-003-00	SPACER, DY	
13	*A-1330-789-A	C BOARD, COMPLETE					
	▲ 1-426-278-22	COIL, DEMAGNETIZATION					

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

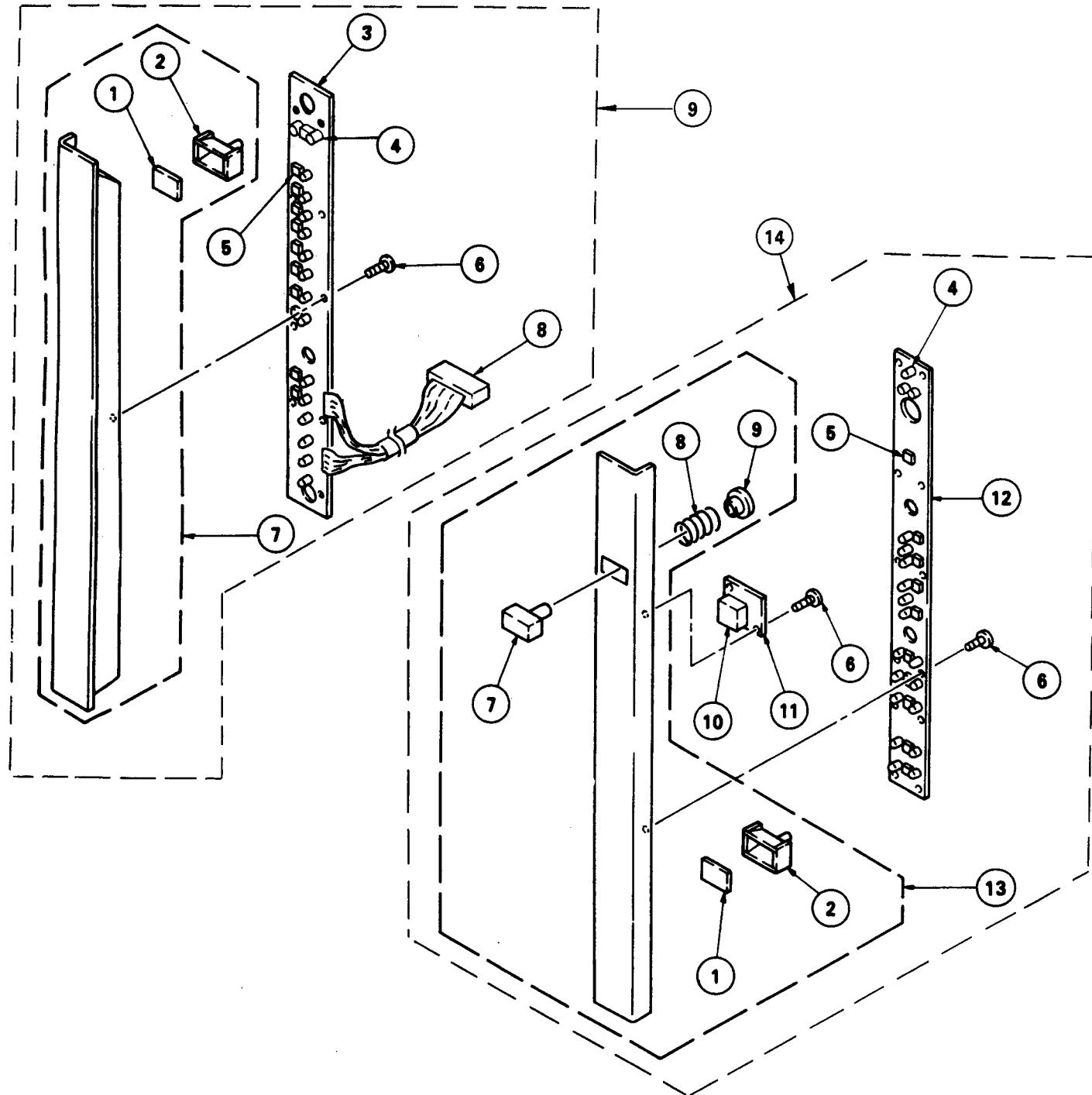
6-2. CHASSIS

● : +BVTP 3x12	7-685-648-79
■ : +BVTP 3x8	7-685-646-79
□ : +P 3x12	7-682-150-01
▲ : +BVTP 4x12	7-685-661-14



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

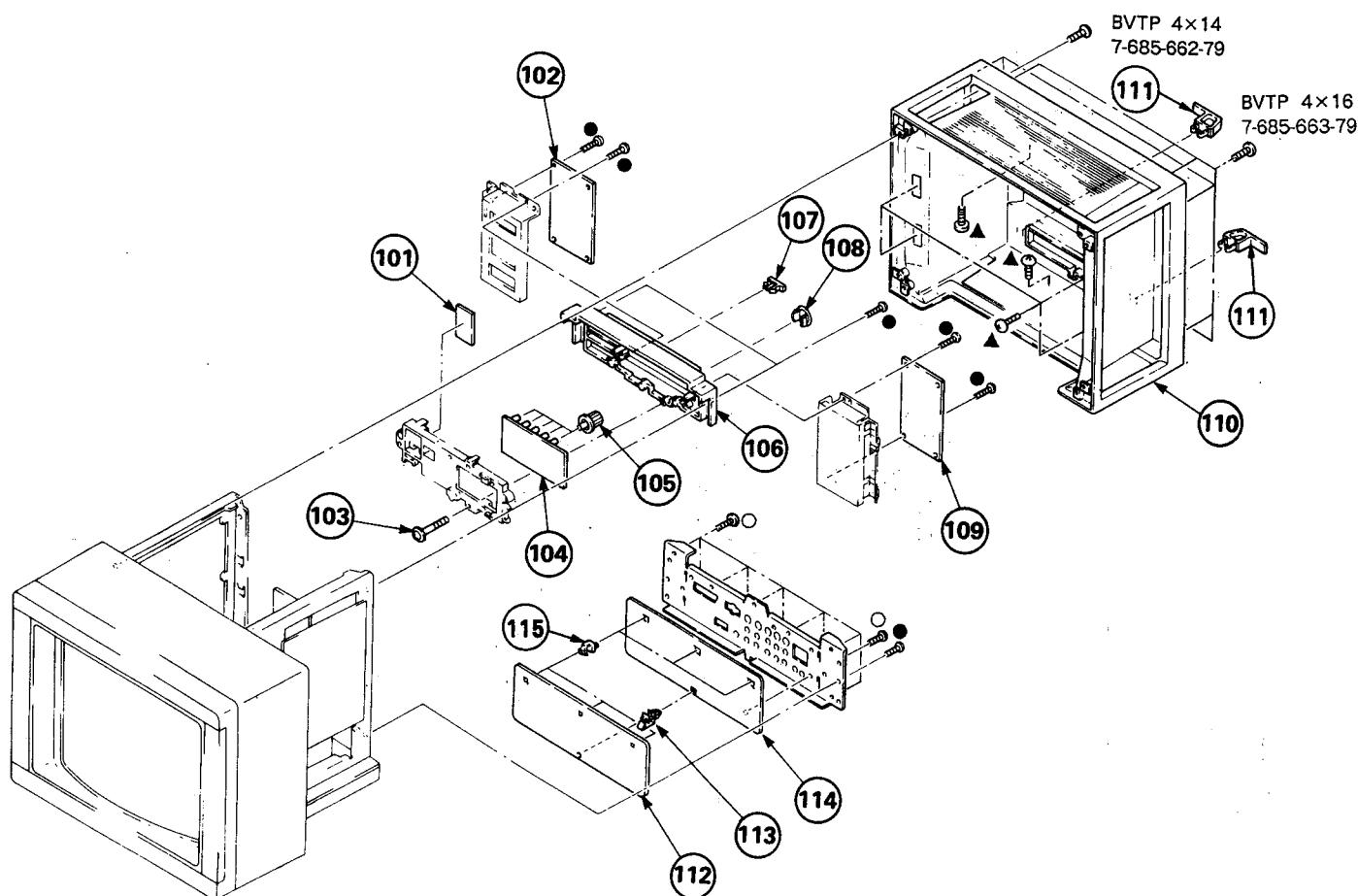
No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51	3-703-320-00	BUSHING (A), TRANSISTOR		61	*1-621-548-11	FC BOARD	
53	4-383-101-01	WASHER (DIA.14)		62	*A-1245-387-A	FA BOARD, COMPLETE (AEP, AUS ONLY)	61
54	*4-313-732-00	CLIP, HINGE, CIRCUIT BOARD		63	*A-1245-411-A	FA BOARD, COMPLETE (WG, ONLY)	61
55	*A-1345-699-A	D BOARD, COMPLETE		64	*A-364-726-01	BUSHING, AC CORD (WG, ONLY)	
56	*A-1340-941-A	D3 BOARD, COMPLETE		65	*A-364-745-01	BUSHING, AC CORD (AEP, AUS ONLY)	
57	▲ 1-439-339-14	TRANSFORMER ASSY, FLYBACK		66	*A-1-559-409-12	POWER CORD (WG ONLY)	
58	*1-621-546-13	FB BOARD		67	*A-1-534-820-13	POWER CORD (AEP, AUS ONLY)	
59	4-319-520-11	SCREW, SPECIAL (+PW4X30)		68	*A-1135-442-A	B BOARD, COMPLETE	

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6-4. KEY BOARD UNIT

No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	9-990-892-01	ILLUMINATOR A		1	9-990-892-01	ILLUMINATOR A	
2	9-990-891-01	REFLECTOR A		2	9-990-891-01	REFLECTOR A	
3	*9-992-308-01	HA BOARD		4	9-990-895-01	SPACER	
4	9-990-895-01	SPACER		5	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)	
5	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)		6	9-990-894-01	TAPPING SCREW	
6	9-990-894-01	TAPPING SCREW		7	9-990-899-01	KEY TOP	
7	9-992-310-01	FRAME ASSY	1,2	8	9-990-902-01	COIL SPRING	
8	9-992-309-01	HARNESS		9	9-990-900-01	STOPPER	
9	1-464-803-11	KEY BOARD UNIT(A)	1-8	10	8-741-138-70	DETECTOR (BX1387)	
				11	*9-990-898-01	N BOARD	
				12	*9-992-401-01	HB BOARD	
				13	9-992-402-01	FRAME ASSY	
				14	1-464-804-11	KEY BOARD UNIT(B)	1,2,7,8,9 1-13

6-3. BACK COVER

- : +BVTP 3×12 7-685-648-79
- : +BVTP 3×10 7-685-647-79
- ▲ : +BVTP 4×12 7-685-661-14



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101	*1-621-541-11	HD BOARD		108	4-371-181-01	CAP	
102	*A-1340-940-A	D2 BOARD, COMPLETE		109	*A-1380-192-A	K BOARD, COMPLETE	
103	4-319-520-11	SCREW, SPECIAL (+PW4X30)		110	X-4374-448-3	COVER ASSY, REAR	111
104	*A-1375-066-A	HC BOARD, COMPLETE		111	4-316-003-21	HOLDER, CORD	
105	4-381-166-01	KNOB (A), CONTROL		112	*A-1270-282-A	QB BOARD, COMPLETE	
106	4-382-005-31	PANEL, CONTROL		113	*3-703-141-00	HOLDER, PCB	
107	4-371-176-01	CAP, SQUARE		114	*A-1270-281-A	QA BOARD, COMPLETE	
				115	4-353-620-02	HINGE PC BOARD	

SECTION 7

ELECTRICAL PARTS LIST

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B

NOTE:

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

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

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

CAPACITORS COILS

- MF : μF , PF : $\mu\mu\text{F}$
- MMH : mH , UH : μH

Note: In this parts list, the mounting diagram is for a different product.
Therefore, an excess of parts is listed.

RESISTORS

- All resistors are in ohms
- F : nonflammable

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
*A-1135-442-A B BOARD, COMPLETE							

<CONNECTOR>							
B1	*1-566-054-11	PIN, CONNECTOR 2P		C136	1-101-006-00	CERAMIC	0.047MF
B2	*1-566-057-11	PIN, CONNECTOR 5P		C137	1-126-101-11	ELECT	100MF
B4	*1-566-055-11	PIN, CONNECTOR 3P		C138	1-126-101-11	ELECT	100MF
B5	*1-566-059-11	PIN, CONNECTOR 7P		C139	1-123-356-00	ELECT	10MF
B6	*1-566-056-11	PIN, CONNECTOR 4P		C140	1-123-356-00	ELECT	10MF
B7	*1-566-058-11	PIN, CONNECTOR 6P		C141	1-123-330-00	ELECT	22MF
B8	*1-566-059-11	PIN, CONNECTOR 7P		C150	1-123-379-00	ELECT	0.47MF
B9	*1-566-061-11	PIN, CONNECTOR 9P		C161	1-123-333-00	ELECT	100MF
B10	*1-566-065-11	PIN, CONNECTOR 13P		C162	1-123-321-00	ELECT	220MF
B11	*1-566-061-11	PIN, CONNECTOR 9P		C167	1-101-004-00	CERAMIC	0.01MF
B13	*1-566-054-11	PIN, CONNECTOR 2P		C168	1-123-356-00	ELECT	10MF
B14	*1-566-057-11	PIN, CONNECTOR 5P		C169	1-123-356-00	ELECT	10MF
B15	*1-508-766-00	PIN, CONNECTOR (5MM PITCH) 4P		C170	1-101-004-00	CERAMIC	0.01MF
B16	*1-566-056-11	PIN, CONNECTOR 4P		C171	1-123-356-00	ELECT	10MF
B17	*1-566-054-11	PIN, CONNECTOR 2P		C173	1-101-004-00	CERAMIC	0.01MF
B18	*1-566-055-11	PIN, CONNECTOR 3P		C174	1-101-004-00	CERAMIC	0.01MF
B19	*1-566-057-11	PIN, CONNECTOR 5P		C175	1-101-006-00	CERAMIC	0.047MF
B20	*1-566-058-11	PIN, CONNECTOR 6P		C177	1-119-354-00	ELECT	330MF
B21	*1-566-054-11	PIN, CONNECTOR 2P		C178	1-101-004-00	CERAMIC	0.01MF
<CAPACITOR>							
C101	1-123-356-00	ELECT	10MF	C186	1-123-356-00	ELECT	10MF
C103	1-102-973-00	CERAMIC	100PF	C187	1-123-330-00	ELECT	22MF
C104	1-123-306-00	ELECT	47MF	C301	1-123-333-00	ELECT	100MF
C105	1-136-161-00	FILM	0.047MF	C302	1-101-888-00	CERAMIC	68PF
C106	1-102-963-00	CERAMIC	33PF	C303	1-123-369-00	ELECT	4.7MF
C107	1-102-963-00	CERAMIC	33PF	C304	1-123-356-00	ELECT	10MF
C108	1-102-978-00	CERAMIC	220PF	C305	1-130-477-00	MYLAR	0.0033MF
C110	1-123-333-00	ELECT	100MF	C306	1-101-006-00	CERAMIC	0.047MF
C112	1-123-335-00	ELECT	330MF	C307	1-101-006-00	CERAMIC	0.047MF
C113	1-124-963-11	ELECT	33MF	C308	1-123-381-00	ELECT	2.2MF
C114	1-123-333-00	ELECT	100MF	C309	1-102-946-00	CERAMIC	9PF
C115	1-123-333-00	ELECT	100MF	C310	1-123-356-00	ELECT	10MF
C116	1-101-006-00	CERAMIC	0.047MF	C311	1-136-157-00	FILM	0.022MF
C118	1-101-004-00	CERAMIC	0.01MF	C312	1-136-157-00	FILM	0.022MF
C119	1-123-330-00	ELECT	22MF	C313	1-102-074-00	CERAMIC	0.001MF
C120	1-123-330-00	ELECT	22MF	C314	1-101-006-00	CERAMIC	0.047MF
C123	1-101-006-00	CERAMIC	0.047MF	C315	1-101-006-00	CERAMIC	0.047MF
C125	1-123-380-00	ELECT	1MF	C316	1-136-169-00	FILM	0.22MF
C126	1-123-380-00	ELECT	1MF	C317	1-102-074-00	CERAMIC	0.001MF
C127	1-123-380-00	ELECT	1MF	C322	1-101-006-00	CERAMIC	0.047MF
C128	1-123-380-00	ELECT	1MF	C323	1-124-464-11	ELECT	0.22MF
C131	1-130-475-00	MYLAR	0.0022MF	C324	1-124-464-11	ELECT	0.22MF
C133	1-123-380-00	ELECT	1MF	C325	1-123-333-00	ELECT	100MF
C134	1-123-380-00	ELECT	1MF	C326	1-124-464-11	ELECT	0.22MF
C135	1-123-381-00	ELECT	2.2MF	C327	1-102-111-00	CERAMIC	270PF

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK		
C330	1-101-006-00	CERAMIC	0.047MF	50V	C1305	1-136-161-00	FILM	0.047MF	
C331	1-123-380-00	ELECT	1MF	20%	50V	C1306	1-123-380-00	ELECT	1MF
C332	1-136-161-00	FILM	0.047MF	5%	50V	C1316	1-123-356-00	ELECT	10MF
C333	1-102-959-00	CERAMIC	22PF	5%	50V	C1317	1-123-380-00	ELECT	1MF
C334	1-123-380-00	ELECT	1MF	20%	50V	C1318	1-123-380-00	ELECT	1MF
C335	1-126-101-11	ELECT	100MF	20%	10V	C1319	1-123-380-00	ELECT	1MF
C336	1-124-963-11	ELECT	33MF	20%	16V	C1320	1-123-382-00	ELECT	3.3MF
C337	1-102-112-00	CERAMIC	330PF	10%	50V	C1321	1-123-356-00	ELECT	10MF
C341	1-123-380-00	ELECT	1MF	20%	50V	C1322	1-101-004-00	CERAMIC	0.01MF
C346	1-123-380-00	ELECT	1MF	20%	50V	C1323	1-123-356-00	ELECT	10MF
C347	1-102-111-00	CERAMIC	270PF	10%	50V	C1324	1-123-332-00	ELECT	47MF
C350	1-123-356-00	ELECT	10MF	20%	16V	C1325	1-101-006-00	CERAMIC	0.047MF
C351	1-102-074-00	CERAMIC	0.001MF	10%	50V	C1326	1-101-006-00	CERAMIC	0.047MF
C352	1-101-361-00	CERAMIC	150PF	5%	50V	C1329	1-123-382-00	ELECT	3.3MF
C353	1-102-959-00	CERAMIC	22PF	5%	50V	C1333	1-136-153-00	FILM	0.01MF
C354	1-123-380-00	ELECT	1MF	20%	50V	C1334	1-101-004-00	CERAMIC	0.01MF
C355	1-101-005-00	CERAMIC	0.022MF		50V			50V	
C360	1-136-153-00	FILM	0.01MF	5%	50V	C1336	1-130-479-00	MYLAR	0.0047MF
C381	1-102-074-00	CERAMIC	0.001MF	10%	50V	C1338	1-136-161-00	FILM	0.047MF
C382	1-123-332-00	ELECT	47MF	20%	16V	C1339	1-136-153-00	FILM	0.01MF
C402	1-136-167-00	FILM	0.15MF	5%	50V	C1341	1-130-479-00	MYLAR	0.0047MF
C404	1-136-165-00	FILM	0.1MF	5%	50V	C1343	1-136-161-00	FILM	0.047MF
C405	1-102-961-00	CERAMIC	27PF	5%	50V	C1344	1-136-153-00	FILM	0.01MF
C406	1-101-890-00	CERAMIC	75PF	5%	50V	C1346	1-130-479-00	MYLAR	0.0047MF
C408	1-123-356-00	ELECT	10MF	20%	16V	C1351	1-123-356-00	ELECT	10MF
C410	1-123-356-00	ELECT	10MF	20%	50V	C1352	1-123-332-00	ELECT	47MF
C411	1-136-161-00	FILM	0.047MF	5%	50V	C1353	1-102-973-00	CERAMIC	100PF
C412	1-102-119-00	CERAMIC	0.0015MF	10%	50V	C1354	1-136-157-00	FILM	0.022MF
C413	1-123-380-00	ELECT	1MF	20%	50V	C1355	1-123-379-00	ELECT	0.47MF
C414	1-136-173-00	FILM	0.47MF	5%	50V	C1356	1-136-165-00	FILM	0.1MF
C415	1-101-005-00	CERAMIC	0.022MF		50V	C1357	1-123-380-00	ELECT	1MF
C416	1-123-356-00	ELECT	10MF	20%	16V	C1358	1-123-369-00	ELECT	4.7MF
C417	1-123-356-00	ELECT	10MF	20%	16V	C1359	1-102-820-00	CERAMIC	330PF
C418	1-108-634-11	MYLAR	0.047MF	10%	100V	C1360	1-102-820-00	CERAMIC	330PF
C419	1-123-380-00	ELECT	1MF	20%	50V	C1361	1-102-129-00	CERAMIC	0.01MF
C420	1-101-890-00	CERAMIC	75PF	5%	50V	C1362	1-130-475-00	MYLAR	0.0022MF
C421	1-102-961-00	CERAMIC	27PF	5%	50V	C1390	1-101-004-00	CERAMIC	0.01MF
C423	1-136-165-00	FILM	0.1MF	5%	50V	C1391	1-123-356-00	ELECT	10MF
C424	1-123-356-00	ELECT	10MF	20%	16V	C1392	1-123-356-00	ELECT	10MF
C425	1-101-361-00	CERAMIC	150PF	5%	50V	C1393	1-101-004-00	CERAMIC	0.01MF
C426	1-136-153-00	FILM	0.01MF	5%	50V			<COMPOSITION CIRCUIT BLOCK>	
C427	1-101-006-00	CERAMIC	0.047MF		50V	CP105	1-232-096-00	COMPOSITION CIRCUIT BLOCK	
C428	1-102-121-00	CERAMIC	0.0022MF	10%	50V				
C429	1-136-161-00	FILM	0.047MF	5%	50V				
C430	1-102-816-00	CERAMIC	120PF	5%	50V				
C434	1-102-112-00	CERAMIC	330PF	10%	50V			<TRIMMER>	
C452	1-136-169-00	FILM	0.22MF	5%	50V	CT358	1-141-181-11	CAP, TRIMMER	
C453	1-123-333-00	ELECT	100MF	20%	16V	CT443	1-141-181-11	CAP, TRIMMER	
C454	1-102-963-00	CERAMIC	33PF	5%	50V				
C466	1-102-115-00	CERAMIC	560PF	10%	50V				
C470	1-123-333-00	ELECT	100MF	20%	16V			<DIODE>	
C472	1-123-381-00	ELECT	2.2MF	20%	50V	D101	8-719-109-97	DIODE RD6.8ES-B2	
C473	1-102-978-00	CERAMIC	220PF	5%	50V	D102	8-719-109-97	DIODE RD6.8ES-B2	
C474	1-102-944-00	CERAMIC	7PF	0.5PF	50V	D103	8-719-911-19	DIODE ISS119	
C475	1-102-944-00	CERAMIC	7PF	0.5PF	50V	D104	8-719-109-68	DIODE RD3.6ES-B1	
C476	1-102-944-00	CERAMIC	7PF	0.5PF	50V	D108	8-719-911-19	DIODE ISS119	
C477	1-102-944-00	CERAMIC	7PF	0.5PF	50V	D110	8-719-911-19	DIODE ISS119	
C481	1-108-614-11	MYLAR	0.001MF	10%	100V	D111	8-719-110-08	DIODE RD8.2ES-B2	
C482	1-102-820-00	CERAMIC	330PF	5%	50V	D112	8-719-911-19	DIODE ISS119	
C484	1-136-165-00	FILM	0.1MF	5%	50V	D113	8-719-911-19	DIODE ISS119	
C486	1-102-980-00	CERAMIC	270PF	5%	50V	D114	8-719-911-19	DIODE ISS119	
C1301	1-101-004-00	CERAMIC	0.01MF		50V	D115	8-719-109-84	DIODE RD5.1ES-B1	
C1302	1-124-767-00	ELECT	2.2MF	20%	50V	D116	8-719-109-90	DIODE RD5.6ES-B3	
C1304	1-123-356-00	ELECT	10MF	20%	16V				

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
Q355	8-729-119-78	TRANSISTOR 2SC2785-HFE		R130	1-247-706-11	CARBON	330 5% 1/4W
Q357	8-729-119-76	TRANSISTOR 2SA1175-HFE		R131	1-249-409-11	CARBON	220 5% 1/4W
Q358	8-729-900-36	TRANSISTOR DTC124ES		R132	1-249-409-11	CARBON	220 5% 1/4W
Q361	8-729-119-76	TRANSISTOR 2SA1175-HFE		R133	1-249-421-11	CARBON	2.2K 5% 1/4W
Q362	8-729-119-76	TRANSISTOR 2SA1175-HFE		R134	1-249-421-11	CARBON	2.2K 5% 1/4W
Q363	8-729-119-76	TRANSISTOR 2SA1175-HFE		R135	1-249-437-11	CARBON	47K 5% 1/4W
Q371	8-729-119-78	TRANSISTOR 2SC2785-HFE		R136	1-249-417-11	CARBON	1K 5% 1/4W
Q372	8-729-119-78	TRANSISTOR 2SC2785-HFE		R137	1-249-421-11	CARBON	2.2K 5% 1/4W
Q373	8-729-119-78	TRANSISTOR 2SC2785-HFE		R138	1-249-421-11	CARBON	2.2K 5% 1/4W
Q374	8-729-119-78	TRANSISTOR 2SC2785-HFE		R139	1-249-421-11	CARBON	2.2K 5% 1/4W
Q390	8-729-178-55	TRANSISTOR 2SC2785-E		R140	1-249-421-11	CARBON	2.2K 5% 1/4W
Q391	8-729-178-55	TRANSISTOR 2SC2785-E		R141	1-247-717-11	CARBON	2.2K 5% 1/4W
Q392	8-729-178-55	TRANSISTOR 2SC2785-E		R142	1-249-421-11	CARBON	2.2K 5% 1/4W
Q393	8-729-119-76	TRANSISTOR 2SA1175-HFE		R143	1-249-429-11	CARBON	10K 5% 1/4W
Q400	8-729-178-55	TRANSISTOR 2SC2785-E		R144	1-249-429-11	CARBON	10K 5% 1/4W
Q401	8-729-178-55	TRANSISTOR 2SC2785-E		R145	1-249-437-11	CARBON	47K 5% 1/4W
Q402	8-729-178-55	TRANSISTOR 2SC2785-E		R146	1-249-425-11	CARBON	4.7K 5% 1/4W
Q403	8-729-119-76	TRANSISTOR 2SA1175-HFE		R147	1-249-441-11	CARBON	100K 5% 1/4W
Q405	8-729-178-55	TRANSISTOR 2SC2785-E		R148	1-249-434-11	CARBON	27K 5% 1/4W
Q406	8-729-119-76	TRANSISTOR 2SA1175-HFE		R149	1-249-427-11	CARBON	6.8K 5% 1/4W
Q407	8-729-178-55	TRANSISTOR 2SC2785-E		R150	1-249-427-11	CARBON	6.8K 5% 1/4W
Q450	8-729-119-76	TRANSISTOR 2SA1175-HFE		R151	1-249-423-11	CARBON	3.3K 5% 1/4W
Q451	8-729-178-55	TRANSISTOR 2SC2785-E		R152	1-249-421-11	CARBON	2.2K 5% 1/4W
Q452	8-729-178-55	TRANSISTOR 2SC2785-E		R153	1-249-421-11	CARBON	2.2K 5% 1/4W
Q453	8-729-119-76	TRANSISTOR 2SA1175-HFE		R154	1-249-421-11	CARBON	2.2K 5% 1/4W
Q454	8-729-119-76	TRANSISTOR 2SA1175-HFE		R155	1-247-717-11	CARBON	2.2K 5% 1/4W
Q455	8-729-178-55	TRANSISTOR 2SC2785-E		R156	1-249-423-11	CARBON	3.3K 5% 1/4W
Q456	8-729-119-76	TRANSISTOR 2SA1175-HFE		R157	1-249-433-11	CARBON	22K 5% 1/4W
Q457	8-729-178-55	TRANSISTOR 2SC2785-E		R158	1-249-417-11	CARBON	1K 5% 1/4W
Q458	8-729-119-76	TRANSISTOR 2SA1175-HFE		R159	1-249-418-11	CARBON	1.2K 5% 1/4W
Q459	8-729-119-76	TRANSISTOR 2SA1175-HFE		R160	1-249-397-11	CARBON	22 5% 1/4W
Q460	8-729-178-55	TRANSISTOR 2SC2785-E		R161	1-249-397-11	CARBON	22 5% 1/4W
Q461	8-729-178-55	TRANSISTOR 2SC2785-E		R162	1-249-397-11	CARBON	22 5% 1/4W
Q1301	8-729-178-55	TRANSISTOR 2SC2785-E		R163	1-249-397-11	CARBON	22 5% 1/4W
Q1302	8-729-178-55	TRANSISTOR 2SC2785-E		R164	1-249-397-11	CARBON	22 5% 1/4W
Q1303	8-729-119-76	TRANSISTOR 2SA1175-HFE		R165	1-247-692-11	CARBON	22 5% 1/4W
<RESISTOR>							
R101	1-249-395-11	CARBON	15 5% 1/4W	R166	1-249-397-11	CARBON	22 5% 1/4W
R102	1-249-395-11	CARBON	15 5% 1/4W	R167	1-249-397-11	CARBON	22 5% 1/4W
R103	1-249-441-11	CARBON	100K 5% 1/4W	R168	1-249-397-11	CARBON	22 5% 1/4W
R104	1-249-441-11	CARBON	100K 5% 1/4W	R169	1-249-397-11	CARBON	22 5% 1/4W
R105	1-249-404-00	CARBON	82 5% 1/4W	R170	1-249-397-11	CARBON	22 5% 1/4W
R106	1-249-413-11	CARBON	470 5% 1/4W	R171	1-249-397-11	CARBON	22 5% 1/4W
R107	1-249-411-11	CARBON	330 5% 1/4W	R172	1-249-397-11	CARBON	22 5% 1/4W
R108	1-249-441-11	CARBON	100K 5% 1/4W	R173	1-249-397-11	CARBON	22 5% 1/4W
R109	1-249-433-11	CARBON	22K 5% 1/4W	R174	1-249-429-11	CARBON	10K 5% 1/4W
R110	1-249-465-11	CARBON	47K 5% 1/4W	R175	1-249-429-11	CARBON	10K 5% 1/4W
R111	1-249-437-11	CARBON	47K 5% 1/4W	R176	1-247-725-11	CARBON	10K 5% 1/4W
R114	1-249-437-11	CARBON	47K 5% 1/4W	R177	1-249-433-11	CARBON	22K 5% 1/4W
R116	1-249-414-11	CARBON	560 5% 1/4W	R178	1-249-433-11	CARBON	22K 5% 1/4W
R117	1-249-429-11	CARBON	10K 5% 1/4W	R179	1-249-425-11	CARBON	4.7K 5% 1/4W
R118	1-249-429-11	CARBON	10K 5% 1/4W	R181	1-249-435-11	CARBON	33K 5% 1/4W
R119	1-249-429-11	CARBON	10K 5% 1/4W	R182	1-249-426-11	CARBON	5.6K 5% 1/4W
R121	1-215-867-00	METAL OXIDE	470 5% 1W	R183	1-249-433-11	CARBON	22K 5% 1/4W
R122	1-249-417-11	CARBON	1K 5% 1/4W	R184	1-249-435-11	CARBON	33K 5% 1/4W
R123	1-216-357-00	METAL OXIDE	4.7 5% 1W	R185	1-247-713-11	CARBON	1K 5% 1/4W
R124	1-249-433-11	CARBON	22K 5% 1/4W	R186	1-249-417-11	CARBON	1K 5% 1/4W
R125	1-249-435-11	CARBON	33K 5% 1/4W	R187	1-249-417-11	CARBON	1K 5% 1/4W
R126	1-249-431-11	CARBON	15K 5% 1/4W	R188	1-249-417-11	CARBON	1K 5% 1/4W
R127	1-249-417-11	CARBON	1K 5% 1/4W	R189	1-249-417-11	CARBON	1K 5% 1/4W
R128	1-249-434-11	CARBON	27K 5% 1/4W	R190	1-249-417-11	CARBON	1K 5% 1/4W
R129	1-247-717-11	CARBON	2.2K 5% 1/4W	R191	1-249-414-11	CARBON	560 5% 1/4W
				R192	1-249-417-11	CARBON	1K 5% 1/4W
				R193	1-249-423-11	CARBON	3.3K 5% 1/4W

B

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
<COIL>							
D117	8-719-911-19	DIODE ISS119		L101	1-408-424-00	INDUCTOR	180UH
D118	8-719-911-19	DIODE ISS119		L104	1-408-424-00	INDUCTOR	180UH
D120	8-719-911-19	DIODE ISS119		L105	1-408-424-00	INDUCTOR	180UH
D121	8-719-911-19	DIODE ISS119		L161	1-408-159-00	COIL, SPOOK CHOKE 3.3UH	
D123	8-719-911-19	DIODE ISS119		L333	1-408-416-00	INDUCTOR	39UH
D124	8-719-911-19	DIODE ISS119		L337	1-408-160-00	INDUCTOR	15MH
D125	8-719-911-19	DIODE ISS119		L405	1-404-496-00	COIL	
D126	8-719-109-96	DIODE RD6.8ES-B1		L406	1-408-411-00	INDUCTOR	15UH
D127	8-719-109-96	DIODE RD6.8ES-B1		L420	1-408-411-00	INDUCTOR	15UH
D305	8-719-911-19	DIODE ISS119		L421	1-404-496-00	COIL	
D306	8-719-911-19	DIODE ISS119		L430	1-408-245-00	INDUCTOR	22MH
D307	8-719-911-19	DIODE ISS119		L431	1-408-414-00	INDUCTOR	27UH
D308	8-719-911-19	DIODE ISS119		L432	1-410-476-11	INDUCTOR	33UH
D309	8-719-911-19	DIODE ISS119		L435	1-408-406-00	INDUCTOR	5.6UH
D334	8-719-110-17	DIODE RD10ES-B2		L451	1-404-495-00	COIL	
D335	8-719-911-19	DIODE ISS119		L452	1-404-495-00	COIL	
D339	8-719-911-19	DIODE ISS119		L455	1-408-163-00	INDUCTOR	5.6MH
D340	8-719-911-19	DIODE ISS119					
D341	8-719-911-19	DIODE ISS119					
D342	8-719-110-17	DIODE RD10ES-B2					
D343	8-719-110-17	DIODE RD10ES-B2					
D344	8-719-110-17	DIODE RD10ES-B2					
D345	8-719-911-19	DIODE ISS119		PS1	1-532-605-00	LINK, IC (ICP-N10)	
D351	8-719-911-19	DIODE ISS119		PS2	1-532-637-00	LINK, IC	
D354	8-719-911-19	DIODE ISS119					
<TRANSISTOR>							
D361	8-719-911-19	DIODE ISS119		Q101	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D362	8-719-911-19	DIODE ISS119		Q102	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D391	8-719-911-19	DIODE ISS119		Q103	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D392	8-719-911-19	DIODE ISS119		Q104	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D401	8-719-911-19	DIODE ISS119		Q105	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D442	8-719-911-19	DIODE ISS119		Q107	8-729-900-36	TRANSISTOR DTC124ES	
D443	8-719-911-19	DIODE ISS119		Q108	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D444	8-719-911-19	DIODE ISS119		Q109	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D445	8-719-911-19	DIODE ISS119		Q110	8-729-119-76	TRANSISTOR 2SA1175-HFE	
D450	8-719-911-19	DIODE ISS119		Q111	8-729-140-97	TRANSISTOR 2SB734-34	
D454	8-719-911-19	DIODE ISS119		Q112	8-729-119-78	TRANSISTOR 2SC2785-HFE	
D457	8-719-911-19	DIODE ISS119		Q113	8-729-119-78	TRANSISTOR 2SC2785-HFE	
<DELAY LINE>							
DL301	1-415-122-31	DELAY LINE, 1H (PAL)		Q114	8-729-119-78	TRANSISTOR 2SC2785-HFE	
DL401	1-415-380-11	DELAY LINE, Y		Q115	8-729-900-36	TRANSISTOR DTC124ES	
				Q116	8-729-119-76	TRANSISTOR 2SA1175-HFE	
<IC>							
IC101	8-759-140-16	IC UPD7508HCU-258		Q117	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC102	8-752-321-18	IC CXK1005P		Q118	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC103	8-759-102-28	IC UPD6326C		Q119	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC104	8-759-182-43	IC UPD8243C(M)		Q121	8-729-133-42	TRANSISTOR 2SC2334-L	
IC106	8-759-207-07	IC TD62381P		*4-363-146-00		HEAT SINK, V.OUT; Q121	
IC107	8-759-207-07	IC TD62381P		Q122	8-729-119-76	TRANSISTOR 2SA1175-HFE	
IC110	8-759-140-66	IC UPD4066BC		Q123	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC121	8-759-604-29	IC M5F7805		Q301	8-729-119-76	TRANSISTOR 2SA1175-HFE	
*4-363-146-00		HEAT SINK, V.OUT; IC121		Q309	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC122	8-759-982-13	IC RC7812FA		Q310	8-729-119-76	TRANSISTOR 2SA1175-HFE	
*4-323-833-00		HEAT SINK, PIN OUT; IC122		Q311	8-729-378-84	TRANSISTOR 2SD788-5	
IC301	8-752-030-86	IC CXA1001AP		Q315	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC302	8-752-030-31	IC CXA1024S		Q316	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC311	8-759-240-73	IC TC4073BP		Q321	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC401	8-751-750-00	IC CX-175		Q322	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC411	8-759-135-80	IC UPC358C		Q324	8-729-119-78	TRANSISTOR 2SC2785-HFE	
IC412	8-759-140-66	IC UPD4066BC		Q331	8-729-119-78	TRANSISTOR 2SC2785-HFE	
				Q341	8-729-119-78	TRANSISTOR 2SC2785-HFE	
				Q342	8-729-119-78	TRANSISTOR 2SC2785-HFE	
				Q343	8-729-119-78	TRANSISTOR 2SC2785-HFE	
				Q353	8-729-119-78	TRANSISTOR 2SC2785-HFE	
				Q354	8-729-900-36	TRANSISTOR DTC124ES	

PVM-2730QM
RM-668
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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R445	1-249-431-11	CARBON	15K 5% 1/4W	R1313	1-247-725-11	CARBON	10K 5% 1/4W
R446	1-249-417-11	CARBON	1K 5% 1/4W	R1314	1-249-429-11	CARBON	10K 5% 1/4W
R447	1-249-414-11	CARBON	560 5% 1/4W	R1315	1-249-435-11	CARBON	33K 5% 1/4W
R448	1-249-393-11	CARBON	10 5% 1/4W	R1316	1-249-435-11	CARBON	33K 5% 1/4W
R449	1-249-418-11	CARBON	1.2K 5% 1/4W	R1317	1-249-417-11	CARBON	1K 5% 1/4W
R450	1-249-419-11	CARBON	1.5K 5% 1/4W	R1318	1-249-417-11	CARBON	1K 5% 1/4W
R451	1-249-420-11	CARBON	1.8K 5% 1/4W	R1319	1-249-417-11	CARBON	1K 5% 1/4W
R452	1-249-393-11	CARBON	10 5% 1/4W	R1320	1-249-409-11	CARBON	220 5% 1/4W
R453	1-249-419-11	CARBON	1.5K 5% 1/4W	R1322	1-249-433-11	CARBON	22K 5% 1/4W
R454	1-249-419-11	CARBON	1.5K 5% 1/4W	R1323	1-249-429-11	CARBON	10K 5% 1/4W
R456	1-249-409-11	CARBON	220 5% 1/4W	R1324	1-249-435-11	CARBON	33K 5% 1/4W
R457	1-249-435-11	CARBON	33K 5% 1/4W	R1325	1-249-409-11	CARBON	220 5% 1/4W
R458	1-249-425-11	CARBON	4.7K 5% 1/4W	R1326	1-249-409-11	CARBON	220 5% 1/4W
R460	1-249-436-11	CARBON	39K 5% 1/4W	R1327	1-247-903-00	CARBON	1M 5% 1/4W
R461	1-249-431-11	CARBON	15K 5% 1/4W	R1328	1-249-417-11	CARBON	1K 5% 1/4W
R462	1-249-421-11	CARBON	2.2K 5% 1/4W	R1329	1-247-895-00	CARBON	470K 5% 1/4W
R463	1-249-422-11	CARBON	2.7K 5% 1/4W	R1330	1-249-417-11	CARBON	1K 5% 1/4W
R464	1-249-409-11	CARBON	220 5% 1/4W	R1331	1-249-426-11	CARBON	5.6K 5% 1/4W
R465	1-249-435-11	CARBON	33K 5% 1/4W	R1332	1-249-437-11	CARBON	47K 5% 1/4W
R466	1-247-721-11	CARBON	4.7K 5% 1/4W	R1333	1-249-418-11	CARBON	1.2K 5% 1/4W
R467	1-247-866-11	CARBON	30K 5% 1/4W	R1334	1-249-429-11	CARBON	10K 5% 1/4W
R468	1-249-429-11	CARBON	10K 5% 1/4W	R1335	1-249-409-11	CARBON	220 5% 1/4W
R470	1-249-420-11	CARBON	1.8K 5% 1/4W	R1337	1-249-405-11	CARBON	100 5% 1/4W
R471	1-249-425-11	CARBON	4.7K 5% 1/4W	R1339	1-249-414-11	CARBON	560 5% 1/4W
R472	1-249-420-11	CARBON	1.8K 5% 1/4W	R1340	1-249-409-11	CARBON	220 5% 1/4W
R473	1-249-425-11	CARBON	4.7K 5% 1/4W	R1341	1-249-437-11	CARBON	47K 5% 1/4W
R474	1-249-417-11	CARBON	1K 5% 1/4W	R1342	1-249-405-11	CARBON	100 5% 1/4W
R475	1-249-405-11	CARBON	100 5% 1/4W	R1344	1-247-834-11	CARBON	1.3K 5% 1/4W
R476	1-249-416-11	CARBON	820 5% 1/4W	R1345	1-249-409-11	CARBON	220 5% 1/4W
R477	1-249-413-11	CARBON	470 5% 1/4W	R1347	1-249-405-11	CARBON	100 5% 1/4W
R478	1-249-421-11	CARBON	2.2K 5% 1/4W	R1360	1-249-414-11	CARBON	560 5% 1/4W
R479	1-249-421-11	CARBON	2.2K 5% 1/4W	R1362	1-249-414-11	CARBON	560 5% 1/4W
R480	1-249-429-11	CARBON	10K 5% 1/4W	R1363	1-247-901-11	CARBON	820K 5% 1/4W
R481	1-249-429-11	CARBON	10K 5% 1/4W	R1364	1-249-424-11	CARBON	3.9K 5% 1/4W
R482	1-249-421-11	CARBON	2.2K 5% 1/4W	R1365	1-249-437-11	CARBON	47K 5% 1/4W
R483	1-249-421-11	CARBON	2.2K 5% 1/4W	R1366	1-249-422-11	CARBON	2.7K 5% 1/4W
R484	1-249-433-11	CARBON	22K 5% 1/4W	R1367	1-202-730-00	SOLID	8.2M 10% 1/2W
R485	1-249-417-11	CARBON	1K 5% 1/4W	R1368	1-249-411-11	CARBON	330 5% 1/4W
R486	1-249-435-11	CARBON	33K 5% 1/4W	R1369	1-249-413-11	CARBON	470 5% 1/4W
R487	1-249-435-11	CARBON	33K 5% 1/4W	R1370	1-249-409-11	CARBON	220 5% 1/4W
R488	1-249-435-11	CARBON	33K 5% 1/4W	R1371	1-249-413-11	CARBON	470 5% 1/4W
R1100	1-249-405-11	CARBON	100 5% 1/4W	R1375	1-249-425-11	CARBON	4.7K 5% 1/4W
R1101	1-249-437-11	CARBON	47K 5% 1/4W	R1376	1-247-889-00	CARBON	270K 5% 1/4W
R1102	1-249-429-11	CARBON	10K 5% 1/4W	R1377	1-249-434-11	CARBON	27K 5% 1/4W
R1105	1-249-431-11	CARBON	15K 5% 1/4W	R1378	1-249-410-11	CARBON	270 5% 1/4W
R1106	1-249-399-11	CARBON	33 5% 1/4W	R1379	1-249-405-11	CARBON	100 5% 1/4W
R1107	1-249-437-11	CARBON	47K 5% 1/4W	R1381	1-249-434-11	CARBON	27K 5% 1/4W
R1108	1-249-405-11	CARBON	100 5% 1/4W	R1382	1-249-424-11	CARBON	3.9K 5% 1/4W
R1109	1-249-429-11	CARBON	10K 5% 1/4W	R1383	1-249-419-11	CARBON	1.5K 5% 1/4W
R1110	1-249-421-11	CARBON	2.2K 5% 1/4W	R1384	1-249-411-11	CARBON	330 5% 1/4W
R1111	1-249-437-11	CARBON	47K 5% 1/4W	R1385	1-249-393-11	CARBON	10 5% 1/4W
R1112	1-249-441-11	CARBON	100K 5% 1/4W	R1386	1-249-421-11	CARBON	2.2K 5% 1/4W
R1113	1-249-409-11	CARBON	220 5% 1/4W	R1388	1-249-425-11	CARBON	4.7K 5% 1/4W
R1115	1-249-393-11	CARBON	10 5% 1/4W	R1389	1-249-429-11	CARBON	10K 5% 1/4W
R1115	1-249-425-11	CARBON	4.7K 5% 1/4W	R1390	1-249-421-11	CARBON	2.2K 5% 1/4W
R1304	1-247-704-11	CARBON	220 5% 1/4W	R1401	1-249-433-11	CARBON	22K 5% 1/4W
R1305	1-247-704-11	CARBON	220 5% 1/4W	R1402	1-249-433-11	CARBON	22K 5% 1/4W
R1306	1-247-704-11	CARBON	220 5% 1/4W	R1403	1-249-433-11	CARBON	22K 5% 1/4W
R1307	1-247-704-11	CARBON	220 5% 1/4W	R1404	1-249-433-11	CARBON	22K 5% 1/4W
R1308	1-249-429-11	CARBON	10K 5% 1/4W	R1405	1-249-437-11	CARBON	47K 5% 1/4W
R1309	1-247-704-11	CARBON	220 5% 1/4W	R1406	1-249-437-11	CARBON	47K 5% 1/4W
R1310	1-249-431-11	CARBON	15K 5% 1/4W	R1407	1-249-437-11	CARBON	47K 5% 1/4W
R1311	1-249-409-11	CARBON	220 5% 1/4W	R1408	1-249-437-11	CARBON	47K 5% 1/4W
R1312	1-249-440-11	CARBON	82K 5% 1/4W	R1409	1-249-437-11	CARBON	47K 5% 1/4W

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R194	1-249-423-11	CARBON	3.3K 5% 1/4W	R368	1-249-428-11	CARBON	8.2K 5% 1/4W
R195	1-249-421-11	CARBON	2.2K 5% 1/4W	R370	1-249-419-11	CARBON	1.5K 5% 1/4W
R196	1-249-414-11	CARBON	560 5% 1/4W	R371	1-249-435-11	CARBON	33K 5% 1/4W
R197	1-249-421-11	CARBON	2.2K 5% 1/4W	R372	1-249-441-11	CARBON	100K 5% 1/4W
R198	1-249-405-11	CARBON	100 5% 1/4W	R373	1-249-435-11	CARBON	33K 5% 1/4W
R199	1-249-417-11	CARBON	1K 5% 1/4W	R374	1-249-435-11	CARBON	33K 5% 1/4W
R303	1-249-469-11	CARBON	100K 5% 1/4W	R375	1-249-423-11	CARBON	3.3K 5% 1/4W
R304	1-249-436-11	CARBON	39K 5% 1/4W	R377	1-249-412-11	CARBON	390 5% 1/4W
R305	1-247-883-00	CARBON	150K 5% 1/4W	R378	1-249-414-11	CARBON	560 5% 1/4W
R306	1-249-435-11	CARBON	33K 5% 1/4W	R379	1-249-429-11	CARBON	10K 5% 1/4W
R308	1-249-409-11	CARBON	220 5% 1/4W	R380	1-249-437-11	CARBON	47K 5% 1/4W
R310	1-249-462-11	CARBON	22K 5% 1/4W	R381	1-249-440-11	CARBON	82K 5% 1/4W
R311	1-249-439-11	CARBON	68K 5% 1/4W	R382	1-249-438-11	CARBON	56K 5% 1/4W
R312	1-249-439-11	CARBON	68K 5% 1/4W	R383	1-247-889-00	CARBON	270K 5% 1/4W
R313	1-249-421-11	CARBON	2.2K 5% 1/4W	R384	1-249-425-11	CARBON	4.7K 5% 1/4W
R314	1-249-409-11	CARBON	220 5% 1/4W	R385	1-249-414-11	CARBON	560 5% 1/4W
R315	1-249-433-11	CARBON	22K 5% 1/4W	R386	1-249-429-11	CARBON	10K 5% 1/4W
R316	1-249-435-11	CARBON	33K 5% 1/4W	R387	1-249-417-11	CARBON	1K 5% 1/4W
R317	1-249-421-11	CARBON	2.2K 5% 1/4W	R388	1-247-893-11	CARBON	390K 5% 1/4W
R318	1-249-409-11	CARBON	220 5% 1/4W	R389	1-249-433-11	CARBON	22K 5% 1/4W
R319	1-249-433-11	CARBON	22K 5% 1/4W	R390	1-249-433-11	CARBON	22K 5% 1/4W
R320	1-249-435-11	CARBON	33K 5% 1/4W	R391	1-249-437-11	CARBON	47K 5% 1/4W
R321	1-249-435-11	CARBON	33K 5% 1/4W	R392	1-249-431-11	CARBON	15K 5% 1/4W
R322	1-249-429-11	CARBON	10K 5% 1/4W	R393	1-249-435-11	CARBON	33K 5% 1/4W
R323	1-249-441-11	CARBON	100K 5% 1/4W	R394	1-249-429-11	CARBON	10K 5% 1/4W
R324	1-249-441-11	CARBON	100K 5% 1/4W	R395	1-247-895-00	CARBON	470K 5% 1/4W
R326	1-249-441-11	CARBON	100K 5% 1/4W	R396	1-249-419-11	CARBON	1.5K 5% 1/4W
R327	1-249-423-11	CARBON	3.3K 5% 1/4W	R398	1-249-420-11	CARBON	1.8K 5% 1/4W
R328	1-249-423-11	CARBON	3.3K 5% 1/4W	R401	1-249-412-11	CARBON	390 5% 1/4W
R329	1-249-423-11	CARBON	3.3K 5% 1/4W	R402	1-247-717-11	CARBON	2.2K 5% 1/4W
R330	1-249-417-11	CARBON	1K 5% 1/4W	R403	1-249-427-11	CARBON	6.8K 5% 1/4W
R331	1-247-903-00	CARBON	1M 5% 1/4W	R404	1-249-429-11	CARBON	10K 5% 1/4W
R332	1-247-889-00	CARBON	270K 5% 1/4W	R406	1-249-412-11	CARBON	390 5% 1/4W
R333	1-249-414-11	CARBON	560 5% 1/4W	R410	1-249-422-11	CARBON	2.7K 5% 1/4W
R334	1-247-883-00	CARBON	150K 5% 1/4W	R411	1-247-899-11	CARBON	680K 5% 1/4W
R335	1-249-413-11	CARBON	470 5% 1/4W	R412	1-249-417-11	CARBON	1K 5% 1/4W
R336	1-249-409-11	CARBON	220 5% 1/4W	R413	1-249-425-11	CARBON	4.7K 5% 1/4W
R337	1-249-427-11	CARBON	6.8K 5% 1/4W	R414	1-249-438-11	CARBON	56K 5% 1/4W
R338	1-249-421-11	CARBON	2.2K 5% 1/4W	R415	1-249-429-11	CARBON	10K 5% 1/4W
R339	1-249-417-11	CARBON	1K 5% 1/4W	R418	1-247-720-11	CARBON	3.9K 5% 1/4W
R340	1-249-421-11	CARBON	2.2K 5% 1/4W	R419	1-249-429-11	CARBON	10K 5% 1/4W
R341	1-249-422-11	CARBON	2.7K 5% 1/4W	R420	1-249-412-11	CARBON	390 5% 1/4W
R342	1-249-428-11	CARBON	8.2K 5% 1/4W	R421	1-249-438-11	CARBON	56K 5% 1/4W
R343	1-249-433-11	CARBON	22K 5% 1/4W	R422	1-249-427-11	CARBON	6.8K 5% 1/4W
R345	1-249-439-11	CARBON	68K 5% 1/4W	R425	1-249-408-11	CARBON	180 5% 1/4W
R346	1-249-426-11	CARBON	5.6K 5% 1/4W	R426	1-249-435-11	CARBON	33K 5% 1/4W
R350	1-249-413-11	CARBON	470 5% 1/4W	R427	1-249-423-11	CARBON	3.3K 5% 1/4W
R351	1-249-405-11	CARBON	100 5% 1/4W	R429	1-249-429-11	CARBON	10K 5% 1/4W
R352	1-249-433-11	CARBON	22K 5% 1/4W	R430	1-249-423-11	CARBON	3.3K 5% 1/4W
R353	1-249-420-11	CARBON	1.8K 5% 1/4W	R431	1-249-425-11	CARBON	4.7K 5% 1/4W
R354	1-249-435-11	CARBON	33K 5% 1/4W	R432	1-249-428-11	CARBON	8.2K 5% 1/4W
R355	1-249-433-11	CARBON	22K 5% 1/4W	R433	1-249-428-11	CARBON	8.2K 5% 1/4W
R356	1-249-437-11	CARBON	47K 5% 1/4W	R434	1-249-418-11	CARBON	1.2K 5% 1/4W
R357	1-249-430-11	CARBON	12K 5% 1/4W	R435	1-249-417-11	CARBON	1K 5% 1/4W
R358	1-249-435-11	CARBON	33K 5% 1/4W	R436	1-249-421-11	CARBON	2.2K 5% 1/4W
R359	1-247-883-00	CARBON	150K 5% 1/4W	R437	1-249-431-11	CARBON	15K 5% 1/4W
R360	1-247-708-11	CARBON	470 5% 1/4W	R438	1-249-431-11	CARBON	15K 5% 1/4W
R361	1-249-417-11	CARBON	1K 5% 1/4W	R439	1-249-418-11	CARBON	1.2K 5% 1/4W
R362	1-249-429-11	CARBON	10K 5% 1/4W	R440	1-249-417-11	CARBON	1K 5% 1/4W
R363	1-249-417-11	CARBON	1K 5% 1/4W	R441	1-249-420-11	CARBON	1.8K 5% 1/4W
R364	1-249-412-11	CARBON	390 5% 1/4W	R442	1-249-421-11	CARBON	2.2K 5% 1/4W
R365	1-247-723-11	CARBON	6.8K 5% 1/4W	R443	1-249-408-11	CARBON	180 5% 1/4W
R366	1-247-891-00	CARBON	330K 5% 1/4W	R444	1-249-439-11	CARBON	68K 5% 1/4W
R367	1-249-437-11	CARBON	47K 5% 1/4W				

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

B F B F A

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R1409	1-247-704-11	CARBON	220 5% 1/4W F	C608	Δ . 1-162-738-12	CERAMIC	0.0047MF 20% 400V
R1410	1-249-421-11	CARBON	2.2K 5% 1/4W	C610	1-125-222-41	ELECT(BLOCK)	330MF 20% 400V
R1411	1-247-725-11	CARBON	10K 5% 1/4W	C617	1-162-599-12	CERAMIC	0.0047MF 20% 400V
R1412	1-249-429-11	CARBON	10K 5% 1/4W	C618	1-102-030-00	CERAMIC	330PF 10% 500V
R1413	1-249-421-11	CARBON	2.2K 5% 1/4W	C619	1-130-202-00	FILM	0.022MF 10% 400V
<VARIABLE RESISTOR>				C620	1-124-126-00	ELECT	47MF 20% 16V
RV301	1-228-989-00	RES, ADJ, CARBON	470	C621	1-130-062-00	FILM	0.0056MF 5% 630V
RV302	1-228-995-00	RES, ADJ, CARBON	22K	C622	1-124-929-11	ELECT	22MF 20% 100V
RV303	1-228-994-00	RES, ADJ, CARBON	10K	C623	1-161-973-00	CERAMIC	220PF 10% 400V
RV318	1-228-993-00	RES, ADJ, CARBON	4.7K	C624	1-161-973-00	CERAMIC	220PF 10% 400V
RV1301	1-228-991-00	RES, ADJ, CARBON	2.2K	C632	1-102-002-00	CERAMIC	680PF 10% 500V
RV1302	1-228-991-00	RES, ADJ, CARBON	2.2K	C651	1-162-115-00	CERAMIC	330PF 10% 2KV
<TRANSFORMER>				C652	1-125-494-11	ELECT(BLOCK)	560MF 20% 160V
T301	1-404-524-11	DAT		C653	1-126-170-11	ELECT	1000MF 20% 50V
T401	1-404-584-11	COIL		C654	1-124-563-11	ELECT	2200MF 20% 25V
<CRYSTAL>				C655	1-124-563-11	ELECT	2200MF 20% 25V
X101	1-567-192-11	OSCILLATOR, CERAMIC		C656	1-162-318-11	CERAMIC	0.001MF 10% 500V
X358	1-567-505-11	OSCILLATOR, CRYSTAL		C658	1-124-126-00	ELECT	47MF 20% 25V
X443	1-567-504-11	OSCILLATOR, CRYSTAL		C659	1-102-030-00	CERAMIC	330PF 10% 500V
*****				C661	1-123-333-00	ELECT	100MF 20% 25V
*1-621-546-11 FB BOARD				C662	1-136-601-11	FILM	0.01MF 5% 630V
*****				C663	1-124-791-11	ELECT	1MF 20% 50V
<CAPACITOR>				C664	1-124-791-11	ELECT	1MF 20% 50V
C1601	1-108-692-11	MYLAR	0.01MF 10% 200V	C666	1-126-101-11	ELECT	100MF 20% 10V
<CONNECTOR>				C667	1-102-121-00	CERAMIC	0.0022MF 10% 50V
FB1	*1-506-348-99	PIN, CONNECTOR 4P		C668	Δ . 1-136-360-51	FILM	0.22MF 20% 250V (ABP, AUS ONLY)
FB2	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P				Δ . 1-136-415-51	0.33MF 20% 250V (WG ONLY)
<COIL>						Δ . 1-161-738-12	0.0047MF 20% 400V
L1601	1-459-407-00	COIL, FERRITE CHOKE		C670	Δ . 1-161-738-12	CERAMIC	0.0047MF 20% 400V
<NEON LAMP>				C671	Δ . 1-161-738-12	CERAMIC	0.0047MF 20% 400V
NL1691	1-519-108-99	LAMP, NEON		C672	Δ . 1-161-738-12	CERAMIC	0.0047MF 20% 400V
<RESISTOR>				C673	Δ . 1-161-738-12	CERAMIC	0.0047MF 20% 400V
R1601	1-216-423-11	METAL OXIDE	27 5% 1W F	C674	Δ . 1-136-360-51	FILM	0.22MF 20% 250V (ABP, AUS ONLY)
*****						Δ . 1-136-415-51	0.33MF 20% 250V (WG ONLY)
*A-1245-387-A FA BOARD, COMPLETE (ABP, AUS ONLY)				C676	1-126-170-11	ELECT	1000MF 20% 50V (ABP, AUS ONLY)
*****						1-136-173-00	0.47MF 5% 50V (WG ONLY)
*A-1245-411-A FA BOARD, COMPLETE (WG ONLY)				C677	1-136-173-00	FILM	0.47MF 5% 50V (ABP, AUS ONLY)
*****				C678	1-136-415-51	FILM	0.33MF 20% 250V (WG ONLY)
<DIODE>				C681	1-136-153-00	FILM	0.01MF 5% 50V
C682				C682	1-130-062-00	FILM	0.0056MF 5% 630V
C686				C686	1-136-173-00	FILM	0.47MF 5% 50V (ABP, AUS ONLY)
*****						D601	8-719-503-06
*A-136-360-51 FILM				D602	8-719-110-31	DIODE	S3WB60Z
0.22MF 20% 250V (ABP, AUS ONLY)				D605	8-719-971-20	DIODE	RD12ES-B2
D. 1-136-415-51 FILM				D607	8-719-911-19	DIODE	ERC38-06
0.33MF 20% 250V (WG ONLY)				D608	8-719-911-19	DIODE	ISS119
C607 1-162-599-12 CERAMIC				D609	8-719-300-33	DIODE	RU-3AM
0.0047MF 20% 400V				D651	8-719-300-53	DIODE	CTU-38S
*****				D653	8-719-300-59	DIODE	CTU-12S
C601 Δ . 1-136-360-51 FILM				D654	8-719-300-59	DIODE	CTU-12S
*****						*4-347-706-00	HEAT SINK (TR); D654

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

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK		
D655	8-719-016-42	DIODE MC932		R613	1-215-895-11	METAL OXIDE	3.3K 5% 2W F		
D656	8-719-300-59	DIODE CTU-12S		R614	1-216-458-11	METAL OXIDE	1.8K 5% 2W F		
*4-347-706-00	HEAT SINK (TR); D656			R615	1-205-737-00	WIREWOUND	30 10% 7W		
D658	8-719-110-03	DIODE RD7.5ES-B2		R623	1-247-718-11	CARBON	2.7K 5% 1/4W		
D659	8-719-110-03	DIODE RD7.5ES-B2		R627	1-249-409-11	CARBON	220 5% 1/4W		
D660	8-719-911-19	DIODE ISS119		R628	1-247-889-00	CARBON	270K 5% 1/4W		
D661	8-719-911-55	DIODE U05G		R629	1-249-427-11	CARBON	6.8K 5% 1/4W		
D663	8-719-109-93	DIODE RD6.2ES-B2		R630	1-247-692-11	CARBON	22 5% 1/4W F		
D664	8-719-110-31	DIODE RD12ES-B2		R631	1-207-945-00	WIREWOUND	390 10% 7W F		
D665	8-719-300-59	DIODE CTU-12S		R632	1-217-192-21	WIREWOUND	0.22 10% 2W F		
D666	8-719-911-19	DIODE ISS119		R652	1-216-430-11	METAL OXIDE	390 5% 1W F		
D667	8-719-911-55	DIODE U05G		R653	1-249-425-11	CARBON	4.7K 5% 1/4W		
<FUSE>									
F601	▲ 1-532-299-11	FUSE, TIME-LAG 5A/250V		R654	1-216-464-11	METAL OXIDE	18K 5% 2W F		
	*1-533-189-11	HOLDER, FUSE; F601		R662	1-249-436-11	CARBON	39K 5% 1/4W		
<CONNECTOR>									
FA1	*1-506-348-99	PIN, CONNECTOR 3P		R663	1-249-430-11	CARBON	12K 5% 1/4W		
FA2	*1-506-348-99	PIN, CONNECTOR 3P		R664	1-249-441-11	CARBON	100K 5% 1/4W		
FA3	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P		R665	1-215-436-00	METAL OXIDE	4.3K 1% 1/6W		
FA4	*1-508-767-00	PIN, CONNECTOR (5MM PITCH) 5P		R666	1-247-713-11	CARBON	1K 5% 1/4W		
FA6	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P		R667	1-247-703-11	CARBON	180 5% 1/4W		
FA7	*1-566-058-11	PIN, CONNECTOR 6P		R669	1-247-720-11	CARBON	3.9K 5% 1/4W		
FA8	*1-566-054-11	PIN, CONNECTOR 2P		R670	1-249-420-11	CARBON	1.8K 5% 1/4W		
FA9	*1-564-529-11	CONNECTOR, BOARD TO BOARD 5P		R671	▲ 1-205-758-11	WIREWOUND	100 10% 10W F		
FA10	*1-564-529-11	CONNECTOR, BOARD TO BOARD 5P		R673	▲ 1-244-945-91	CARBON	1M 5% 1/2W		
<IC>									
IC602	8-719-802-22	DIODE TLP581-Y		R677	1-216-346-00	METAL OXIDE	0.56 5% 1W F		
IC651	8-759-945-58	IC RC4558P		R678	1-247-749-11	CARBON	560 5% 1/2W F		
<COIL>									
L601	1-407-365-00	COIL, CHOKE		R679	1-215-924-00	METAL OXIDE	15K 5% 3W F		
L652	1-408-159-00	COIL, SPOOK CHOKE		R680	1-207-971-00	WIREWOUND	470 10% 7W F		
L653	1-408-159-00	COIL, SPOOK CHOKE		R681	1-249-448-11	CARBON	1.2 5% 1/4W (AEP, AUS ONLY)		
<IC LINK>									
PS651	1-532-675-00	LINK, IC		R682	1-249-429-11	CARBON	10K 5% 1/4W (WG ONLY)		
PS652	1-532-686-00	LINK, IC		R683	1-216-488-11	METAL OXIDE	18K 5% 3W F		
PS653	1-532-686-00	LINK, IC		R684	1-249-448-11	CARBON	1.2 5% 1/4W (AEP, AUS ONLY)		
PS654	1-532-637-00	LINK, IC		R685	1-249-440-11	CARBON	82K 5% 1/4W		
<TRANSISTOR>									
Q601	8-729-195-82	TRANSISTOR 2SC2958-L		<VARIABLE RESISTOR>					
Q602	8-729-802-07	TRANSISTOR 2SD1403-CA		RV651	1-226-771-11	RES, ADJ, METAL GLAZE	1K		
	3-704-359-01	SCREW (M3X10), SW (+) P; Q602		RV652	1-226-702-00	RES, ADJ, METAL GLAZE	2.2K		
Q651	4-365-216-00	SPACER, MICA; Q602		<TRANSFORMER>					
	8-729-109-55	TRANSISTOR 2SD795A-Q1		T601	▲ 1-421-758-11	TRANSFORMER, LINE FILTER (LFT)	(AEP, AUS ONLY)		
<RESISTOR>									
R601	*4-347-706-00	HEAT SINK (TR); Q651		▲ 1-421-974-11	TRANSFORMER, LINE FILTER (WG ONLY)				
Q652	8-729-178-55	TRANSISTOR 2SC2785-E		T602	▲ 1-421-758-11	TRANSFORMER, LINE FILTER (LFT)	(AEP, AUS ONLY)		
Q653	8-719-000-28	THYRISTOR CR02AM-8		▲ 1-421-974-11	TRANSFORMER, LINE FILTER (WG ONLY)				
<THERMISTOR>									
R601	▲ 1-217-328-11	WIREWOUND	2.7 10% 7W F	T603	▲ 1-437-079-11	TRANSFORMER, HORIZONTAL DRIVE			
R604	▲ 1-247-289-11	CARBON	8.2K 5% 1W	T605	▲ 1-448-901-11	SRT			
R609	1-215-894-11	METAL OXIDE	2.2K 5% 2W F	T607	1-421-975-11	TRANSFORMER, LINE FILTER (WG ONLY)			
R612	1-215-904-11	METAL OXIDE	100K 5% 2W F	*****					

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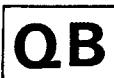
REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK				
<JACK>											
J25	1-561-534-41	SOCKET 21P		R1751	1-247-104-00	CARBON	75 5% 1/4W				
<COIL>											
L1700	1-408-410-00	INDUCTOR	12UH (WG ONLY)	R1752	1-247-696-11	CARBON	47 5% 1/4W				
<TRANSISTOR>											
Q1894	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1753	1-247-696-11	CARBON	47 5% 1/4W				
Q1895	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1754	1-247-696-11	CARBON	47 5% 1/4W				
Q1896	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1755	1-249-418-11	CARBON	1.2K 5% 1/4W				
<CONNECTOR>											
QA1	*1-566-055-11	PIN, CONNECTOR 3P		R1756	1-249-418-11	CARBON	1.2K 5% 1/4W				
QA2	*1-560-278-00	PLUG, CONNECTOR 3P		R1760	1-247-893-11	CARBON	390K 5% 1/4W				
QA11	*1-566-054-11	PIN, CONNECTOR 2P		R1761	1-247-893-11	CARBON	390K 5% 1/4W				
<RESISTOR>											
R1700	1-247-104-00	CARBON	75 5% 1/4W	R1762	1-247-893-11	CARBON	390K 5% 1/4W				
R1701	1-249-417-11	CARBON	1K 5% 1/4W	R1763	1-247-893-11	CARBON	390K 5% 1/4W				
R1702	1-249-439-11	CARBON	68K 5% 1/4W	R1764	1-247-743-11	CARBON	220 5% 1/2W				
R1703	1-249-417-11	CARBON	1K 5% 1/4W	R1765	1-247-743-11	CARBON	220 5% 1/2W				
R1704	1-249-439-11	CARBON	68K 5% 1/4W	R1768	1-249-406-11	CARBON	120 5% 1/4W				
R1705	1-247-804-11	CARBON	75 5% 1/4W	R1769	1-247-710-11	CARBON	560 5% 1/4W				
R1706	1-249-417-11	CARBON	1K 5% 1/4W	R2800	1-247-104-00	CARBON	75 5% 1/4W				
R1707	1-249-439-11	CARBON	68K 5% 1/4W	R2801	1-247-104-00	CARBON	75 5% 1/4W				
R1708	1-249-417-11	CARBON	1K 5% 1/4W	R2802	1-249-433-11	CARBON	22K 5% 1/4W				
R1709	1-249-439-11	CARBON	68K 5% 1/4W	R2803	1-249-462-11	CARBON	22K 5% 1/4W				
<SWITCH>											
R1715	1-247-104-00	CARBON	75 5% 1/4W	S1	1-570-145-11	SWITCH, SLIDE					
R1716	1-249-421-11	CARBON	2.2K 5% 1/4W	S2	1-570-145-11	SWITCH, SLIDE					
R1717	1-247-901-11	CARBON	820K 5% 1/4W	S3	1-570-145-11	SWITCH, SLIDE					
R1718	1-247-708-11	CARBON	470 5% 1/4W	S4	1-570-145-11	SWITCH, SLIDE					
R1719	1-249-408-11	CARBON	180 5% 1/4W	S5	1-570-145-11	SWITCH, SLIDE					
R1720	1-249-421-11	CARBON	2.2K 5% 1/4W	S6	1-570-145-11	SWITCH, SLIDE					
R1721	1-247-708-11	CARBON	470 5% 1/4W	<SPARK GAP>							
R1722	1-249-408-11	CARBON	180 5% 1/4W	SG1701	1-519-063-99	DISCHARGING GAP					
R1723	1-249-421-11	CARBON	2.2K 5% 1/4W	SG1702	1-519-063-99	DISCHARGING GAP					
R1724	1-247-708-11	CARBON	470 5% 1/4W	*****							
R1725	1-249-408-11	CARBON	180 5% 1/4W	*A-1270-282-A QB BOARD, COMPLETE							
R1726	1-247-895-00	CARBON	470K 5% 1/4W	*****							
R1727	1-247-713-11	CARBON	1K 5% 1/4W	<CAPACITOR>							
R1728	1-247-901-11	CARBON	820K 5% 1/4W	C1761	1-123-356-00	ELECT	10MF 20% 16V				
R1729	1-247-710-11	CARBON	560 5% 1/4W	C1777	1-102-074-00	CERAMIC	0.001MF 10% 50V				
R1730	1-247-895-00	CARBON	470K 5% 1/4W	C1778	1-102-074-00	CERAMIC	0.001MF 10% 50V				
R1731	1-247-713-11	CARBON	1K 5% 1/4W	C1779	1-126-103-11	ELECT	470MF 20% 16V				
R1732	1-247-901-11	CARBON	820K 5% 1/4W	C1781	1-101-004-00	CERAMIC	0.01MF 20% 50V				
R1733	1-247-104-00	CARBON	75 5% 1/4W	C1782	1-126-101-11	ELECT	100MF 20% 16V				
R1734	1-247-104-00	CARBON	75 5% 1/4W	C1788	1-123-356-00	ELECT	10MF 20% 25V				
R1735	1-247-104-00	CARBON	75 5% 1/4W	C1789	1-123-356-00	ELECT	10MF 20% 25V				
R1736	1-247-104-00	CARBON	75 5% 1/4W	C1790	1-124-477-11	ELECT	47MF 20% 16V				
R1737	1-247-104-00	CARBON	75 5% 1/4W	C1791	1-124-477-11	ELECT	47MF 20% 16V				
R1738	1-249-409-11	CARBON	220 5% 1/4W	C1792	1-102-959-00	CERAMIC	22PF 5% 50V				
R1739	1-247-104-00	CARBON	75 5% 1/4W	C1794	1-124-477-11	ELECT	47MF 20% 16V				
R1740	1-249-429-11	CARBON	10K 5% 1/4W	C1799	1-124-471-00	ELECT	1000MF 20% 6.3V				
R1742	1-249-412-11	CARBON	390 5% 1/4W	C1800	1-124-477-11	ELECT	47MF 20% 16V				
R1743	1-247-713-11	CARBON	1K 5% 1/4W	C1801	1-126-103-11	ELECT	470MF 20% 16V				
R1744	1-247-901-11	CARBON	820K 5% 1/4W								
R1746	1-249-406-11	CARBON	120 5% 1/4W								
R1750	1-249-417-11	CARBON	1K 5% 1/4W								

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

PVM-2730QM
RM-668



REF.NO.	PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK	
*1-621-548-11	FC BOARD	*****						1-537-075-21	TERMINAL BOARD, INPUT/OUTPUT					
								1-537-076-11	TERMINAL BOARD, INPUT/OUTPUT					
									<CAPACITOR>					
C611	1-108-638-11	MYLAR	0.1MF	10%	100V		C1700	1-124-477-11	ELECT	47MF	20%	16V		
C612	1-108-796-11	MYLAR	0.002MF	5%	50V		C1701	1-126-096-11	ELECT	10MF	20%	25V		
C613	1-123-356-00	ELECT	10MF	20%	16V		C1702	1-126-096-11	ELECT	10MF	20%	25V		
C614	1-123-330-00	ELECT	22MF	20%	25V		C1703	1-124-477-11	ELECT	47MF	20%	16V		
C615	1-102-074-00	CERAMIC	0.001MF	10%	50V		C1704	1-126-096-11	ELECT	10MF	20%	25V		
C616	1-123-875-11	ELECT	10MF	20%	50V		C1705	1-126-096-11	ELECT	10MF	20%	25V		
C625	1-123-380-00	ELECT	1MF	20%	50V		C1708	1-124-589-11	ELECT	47MF	20%	16V		
C627	1-136-153-00	FILM	0.01MF	5%	50V		C1709	1-126-096-11	ELECT	10MF	20%	25V		
C628	1-102-820-00	CERAMIC	330PF	5%	50V		C1710	1-101-880-00	CERAMIC	47PF	5%	50V		
C634	1-108-638-11	MYLAR	0.1MF	10%	100V		C1712	1-101-880-00	CERAMIC	47PF	5%	50V		
								C1714	1-101-880-00	CERAMIC	47PF	5%	50V	
		<DIODE>						C1715	1-123-356-00	ELECT	10MF	20%	25V	
D603	8-719-911-19	DIODE ISS119						C1716	1-123-356-00	ELECT	10MF	20%	25V	
D604	8-759-157-40	IC UPC574J						C1717	1-123-356-00	ELECT	10MF	20%	25V	
D606	8-719-911-19	DIODE ISS119						C1718	1-123-356-00	ELECT	10MF	20%	25V	
		<CONNECTOR>						C1719	1-124-477-11	ELECT	47MF	20%	16V	
FC1	*1-562-516-11	CONNECTOR, BOARD TO BOARD 5P						C1720	1-124-477-11	ELECT	47MF	20%	16V	
FC2	*1-562-516-11	CONNECTOR, BOARD TO BOARD 5P						C1721	1-124-477-11	ELECT	47MF	20%	16V	
		<IC>						C1722	1-124-589-11	ELECT	47MF	20%	16V	
								C1723	1-123-356-00	ELECT	10MF	20%	25V	
IC601	8-759-100-75	IC UPC1394C						C1728	1-102-973-00	CERAMIC	100PF	5%	50V	
		<TRANSISTOR>						C1729	1-102-973-00	CERAMIC	100PF	5%	50V	
Q603	8-729-178-55	TRANSISTOR 2SC2785-E						C1731	1-102-973-00	CERAMIC	100PF	5%	50V	
		<RESISTOR>						C1732	1-102-973-00	CERAMIC	100PF	5%	50V	
R605	1-247-891-00	CARBON	330K	5%	1/4W			C1738	1-102-973-00	CERAMIC	100PF	5%	50V	
R606	1-249-433-11	CARBON	22K	5%	1/4W			C1743	1-102-973-00	CERAMIC	100PF	5%	50V	
R608	1-249-421-11	CARBON	2.2K	5%	1/4W			C1744	1-102-973-00	CERAMIC	100PF	5%	50V	
R611	1-215-457-00	METAL	33K	1%	1/6W			C1747	1-102-965-00	CERAMIC	39PF	5%	50V	
R616	1-247-862-11	CARBON	20K	5%	1/4W			C1748	1-102-965-00	CERAMIC	39PF	5%	50V	
		<TRANSISTOR>						C1749	1-102-965-00	CERAMIC	39PF	5%	50V	
R621	1-249-429-11	CARBON	10K	5%	1/4W			C1750	1-102-965-00	CERAMIC	39PF	5%	50V	
R622	1-249-433-11	CARBON	22K	5%	1/4W			C1752	1-161-047-00	CERAMIC	0.0047MF	10%	50V	
R624	1-249-425-11	CARBON	4.7K	5%	1/4W			C1753	1-102-965-00	CERAMIC	39PF	5%	50V	
R625	1-249-441-11	CARBON	100K	5%	1/4W			C1754	1-126-157-11	ELECT	10MF	20%	16V	
R626	1-247-712-11	CARBON	820	5%	1/4W			C1755	1-123-356-00	ELECT	10MF	20%	16V	
		<RESISTOR>						C1756	1-101-004-00	CERAMIC	0.01MF		50V	
R633	1-247-887-00	CARBON	220K	5%	1/4W			C1757	1-101-004-00	CERAMIC	0.01MF		50V	
R634	1-249-437-11	CARBON	47K	5%	1/4W			C1758	1-123-356-00	ELECT	10MF	20%	16V	
R636	1-215-471-00	METAL	120K	1%	1/6W			C1759	1-101-006-00	CERAMIC	0.047MF		50V	
R637	1-249-433-11	CARBON	22K	5%	1/4W			C1760	1-124-477-11	ELECT	47MF	20%	16V	
R638	1-215-435-00	METAL	3.9K	1%	1/6W			C1763	1-130-479-00	MYLAR	0.0047MF	5%	50V	
		<TRANSISTOR>						C1764	1-130-479-00	MYLAR	0.0047MF	5%	50V	
R639	1-249-425-11	CARBON	4.7K	5%	1/4W			<DIODE>						
R674	1-249-440-11	CARBON	82K	5%	1/4W			D1703	8-719-109-93	DIODE RD6.2ES-B2				
		<TRANSISTOR>						D1706	8-719-109-93	DIODE RD6.2ES-B2				
TH601A	1-800-944-11	THERMISTOR TH-4700						D1707	8-719-109-93	DIODE RD6.2ES-B2				
		<RESISTOR>						D1708	8-719-109-93	DIODE RD6.2ES-B2				
		<TRANSISTOR>						D1709	8-719-109-93	DIODE RD6.2ES-B2				
		<THERMISTOR>						D1710	8-719-109-93	DIODE RD6.2ES-B2				
		<TRANSISTOR>						D1711	8-719-109-93	DIODE RD6.2ES-B2				
		<RESISTOR>						D1712	8-719-110-30	DIODE RD12ES-B1				
		<TRANSISTOR>						D1713	8-719-110-30	DIODE RD12ES-B1				
		<RESISTOR>						D1714	8-719-110-30	DIODE RD12ES-B1				
		<TRANSISTOR>						D1715	8-719-110-30	DIODE RD12ES-B1				
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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C1802	I-102-971-00	CERAMIC	82PF	5%	50V	<TRANSISTOR>	
C1804	I-101-004-00	CERAMIC	0.01MF	50V			
C1806	I-101-361-00	CERAMIC	150PF	5%	50V	Q1773	8-729-119-76 TRANSISTOR 2SA1175-HFE
C1807	I-102-111-00	CERAMIC	270PF	10%	50V	Q1774	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1808	I-101-004-00	CERAMIC	0.01MF	50V		Q1775	8-729-119-76 TRANSISTOR 2SA1175-HFE
C1810	I-124-477-11	ELECT	47MF	20%	16V	Q1776	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1811	I-124-477-11	ELECT	47MF	20%	16V	Q1777	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1813	I-124-477-11	ELECT	47MF	20%	16V	Q1780	8-729-119-76 TRANSISTOR 2SA1175-HFE
C1820	I-124-477-11	ELECT	47MF	20%	16V	Q1781	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1821	I-101-004-00	CERAMIC	0.01MF	50V		Q1784	8-729-900-89 TRANSISTOR DTC144ES
C1823	I-136-165-00	FILM	0.1MF	5%	50V	Q1785	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1824	I-136-165-00	FILM	0.1MF	5%	50V	Q1786	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1825	I-136-165-00	FILM	0.1MF	5%	50V	Q1787	8-729-140-96 TRANSISTOR 2SD774-34
C1830	I-124-477-11	ELECT	47MF	20%	16V	Q1788	8-729-119-76 TRANSISTOR 2SA1175-HFE
C1831	I-101-004-00	CERAMIC	0.01MF	50V		Q1789	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1832	I-124-477-11	ELECT	47MF	20%	16V	Q1794	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1833	I-101-004-00	CERAMIC	0.01MF	50V		Q1795	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1834	I-101-004-00	CERAMIC	0.01MF	50V		Q1796	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1835	I-124-477-11	ELECT	47MF	20%	16V	Q1797	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1838	I-101-880-00	CERAMIC	47PF	5%	50V	Q1798	8-729-119-76 TRANSISTOR 2SA1175-HFE
C1839	I-124-477-11	ELECT	47MF	20%	16V	Q1799	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1840	I-101-004-00	CERAMIC	0.01MF	50V		Q1802	8-729-900-36 TRANSISTOR DTC124ES
C1850	I-101-880-00	CERAMIC	47PF	5%	50V	Q1803	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1851	I-101-880-00	CERAMIC	47PF	5%	50V	Q1804	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1852	I-101-880-00	CERAMIC	47PF	5%	50V	Q1805	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1893	I-101-004-00	CERAMIC	0.01MF	50V		Q1806	8-729-119-78 TRANSISTOR 2SC2785-HFE
C1894	I-102-129-00	CERAMIC	0.01MF	10%	50V	Q1807	8-729-119-78 TRANSISTOR 2SC2785-HFE
<DIODE>							
D1770	8-719-911-19	DIODE	ISS119			Q1808	8-729-119-78 TRANSISTOR 2SC2785-HFE
D1772	8-719-911-19	DIODE	ISS119			Q1809	8-729-119-78 TRANSISTOR 2SC2785-HFE
D1773	8-719-911-19	DIODE	ISS119			Q1810	8-729-119-78 TRANSISTOR 2SC2785-HFE
D1774	8-719-911-19	DIODE	ISS119			Q1811	8-729-119-78 TRANSISTOR 2SC2785-HFE
D1775	8-719-911-19	DIODE	ISS119			Q1812	8-729-119-78 TRANSISTOR 2SC2785-HFE
D1776	8-719-911-19	DIODE	ISS119			Q1813	8-729-119-78 TRANSISTOR 2SC2785-HFE
D1777	8-719-911-19	DIODE	ISS119			Q1814	8-729-119-78 TRANSISTOR 2SC2785-HFE
D1780	8-719-911-19	DIODE	ISS119			Q1815	8-729-119-78 TRANSISTOR 2SC2785-HFE
D1781	8-719-911-19	DIODE	ISS119			Q1816	8-729-119-78 TRANSISTOR 2SC2785-HFE
D1782	8-719-911-19	DIODE	ISS119			Q1817	8-729-119-78 TRANSISTOR 2SC2785-HFE
D1784	8-719-110-14	DIODE	RD9.1ES-B3			Q1818	8-729-900-36 TRANSISTOR DTC124ES
D1787	8-719-109-90	DIODE	RD5.6ES-B3			Q1819	8-729-900-36 TRANSISTOR DTC124ES
D1788	8-719-911-19	DIODE	ISS119			Q1820	8-729-900-36 TRANSISTOR DTC124ES
D1789	8-719-911-19	DIODE	ISS119			Q1822	8-729-119-78 TRANSISTOR 2SC2785-HFE
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IC1770	8-759-800-65	IC	LA7910			Q1823	8-729-119-78 TRANSISTOR 2SC2785-HFE
IC1771	8-759-140-66	IC	UPD4066BC			Q1825	8-729-119-78 TRANSISTOR 2SC2785-HFE
IC1772	8-759-102-37	IC	UPD4052BC			Q1826	8-729-119-78 TRANSISTOR 2SC2785-HFE
IC1773	8-759-102-37	IC	UPD4052BC			Q1827	8-729-119-78 TRANSISTOR 2SC2785-HFE
IC1774	8-759-989-69	IC	SN74LS86AN			Q1831	8-729-900-36 TRANSISTOR DTC124ES
IC1775	8-759-901-38	IC	SN74LS138N			Q1832	8-729-119-78 TRANSISTOR 2SC2785-HFE
IC1776	8-759-900-09	IC	SN74LS09N			Q1891	8-729-900-36 TRANSISTOR DTC124ES
IC1777	8-759-710-40	IC	NJM2234D			Q1900	8-729-119-78 TRANSISTOR 2SC2785-HFE
IC1778	8-759-710-40	IC	NJM2234D			<CONNECTOR>	
<COIL>							
L1801	I-408-404-00	INDUCTOR	3.9UH			QB11	*1-566-058-11 PIN, CONNECTOR 6P
L1802	I-408-404-00	INDUCTOR	3.9UH			QB12	*1-566-056-11 PIN, CONNECTOR 4P
L1803	I-408-404-00	INDUCTOR	3.9UH			QB13	*1-566-056-11 PIN, CONNECTOR 4P
						QB14	*1-566-054-11 PIN, CONNECTOR 2P
						QB15	*1-566-057-11 PIN, CONNECTOR 5P
						QB16	*1-566-056-11 PIN, CONNECTOR 4P
						QB17	*1-566-059-11 PIN, CONNECTOR 7P
						QB21	*1-566-055-11 PIN, CONNECTOR 3P
						QB22	*1-566-057-11 PIN, CONNECTOR 5P
						QB23	*1-566-054-11 PIN, CONNECTOR 2P

PVM-2730QM
RM-668**QB**

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
<RESISTOR>							
R1771	1-249-469-11	CARBON	100K 5% 1/4W	R1854	1-249-416-11	CARBON	820 5% 1/4W
R1776	1-249-405-11	CARBON	100 5% 1/4W	R1855	1-249-417-11	CARBON	1K 5% 1/4W
R1777	1-249-405-11	CARBON	100 5% 1/4W	R1856	1-249-417-11	CARBON	1K 5% 1/4W
R1778	1-249-405-11	CARBON	100 5% 1/4W	R1857	1-247-713-11	CARBON	1K 5% 1/4W
R1779	1-249-441-11	CARBON	100K 5% 1/4W	R1858	1-249-433-11	CARBON	22K 5% 1/4W
R1780	1-249-433-11	CARBON	22K 5% 1/4W	R1859	1-249-417-11	CARBON	1K 5% 1/4W
R1781	1-249-441-11	CARBON	100K 5% 1/4W	R1860	1-249-429-11	CARBON	10K 5% 1/4W
R1782	1-249-425-11	CARBON	4.7K 5% 1/4W	R1861	1-249-417-11	CARBON	1K 5% 1/4W
R1783	1-249-469-11	CARBON	100K 5% 1/4W	R1862	1-249-417-11	CARBON	1K 5% 1/4W
R1784	1-249-433-11	CARBON	22K 5% 1/4W	R1863	1-249-433-11	CARBON	22K 5% 1/4W
R1785	1-249-441-11	CARBON	100K 5% 1/4W	R1864	1-249-417-11	CARBON	1K 5% 1/4W
R1786	1-249-441-11	CARBON	100K 5% 1/4W	R1865	1-249-425-11	CARBON	4.7K 5% 1/4W
R1787	1-249-433-11	CARBON	22K 5% 1/4W	R1866	1-249-412-11	CARBON	390 5% 1/4W
R1789	1-249-401-11	CARBON	47 5% 1/4W	R1867	1-249-417-11	CARBON	1K 5% 1/4W
R1793	1-249-417-11	CARBON	1K 5% 1/4W	R1868	1-249-412-11	CARBON	390 5% 1/4W
R1794	1-247-895-00	CARBON	470K 5% 1/4W	R1869	1-249-421-11	CARBON	2.2K 5% 1/4W
R1795	1-249-422-11	CARBON	2.7K 5% 1/4W	R1870	1-249-421-11	CARBON	2.2K 5% 1/4W
R1796	1-249-440-11	CARBON	82K 5% 1/4W	R1871	1-249-421-11	CARBON	2.2K 5% 1/4W
R1797	1-249-434-11	CARBON	27K 5% 1/4W	R1872	1-249-433-11	CARBON	22K 5% 1/4W
R1798	1-249-425-11	CARBON	4.7K 5% 1/4W	R1873	1-249-429-11	CARBON	10K 5% 1/4W
R1799	1-249-419-11	CARBON	1.5K 5% 1/4W	R1874	1-249-413-11	CARBON	470 5% 1/4W
R1804	1-249-429-11	CARBON	10K 5% 1/4W	R1875	1-247-842-11	CARBON	3K 5% 1/4W
R1805	1-247-725-11	CARBON	10K 5% 1/4W	R1876	1-249-420-11	CARBON	1.8K 5% 1/4W
R1806	1-249-406-11	CARBON	120 5% 1/4W	R1877	1-247-725-11	CARBON	10K 5% 1/4W
R1807	1-249-426-11	CARBON	5.6K 5% 1/4W	R1879	1-249-469-11	CARBON	100K 5% 1/4W
R1808	1-249-426-11	CARBON	5.6K 5% 1/4W	R1880	1-249-417-11	CARBON	1K 5% 1/4W
R1809	1-249-408-11	CARBON	180 5% 1/4W	R1881	1-249-422-11	CARBON	2.7K 5% 1/4W
R1810	1-247-832-11	CARBON	1.1K 5% 1/4W	R1882	1-249-417-11	CARBON	1K 5% 1/4W
R1811	1-249-413-11	CARBON	470 5% 1/4W	R1883	1-249-433-11	CARBON	22K 5% 1/4W
R1813	1-249-413-11	CARBON	470 5% 1/4W	R1884	1-249-417-11	CARBON	1K 5% 1/4W
R1814	1-249-413-11	CARBON	470 5% 1/4W	R1885	1-249-416-11	CARBON	820 5% 1/4W
R1820	1-249-406-11	CARBON	120 5% 1/4W	R1886	1-249-417-11	CARBON	1K 5% 1/4W
R1821	1-249-406-11	CARBON	120 5% 1/4W	R1888	1-249-417-11	CARBON	1K 5% 1/4W
R1822	1-249-406-11	CARBON	120 5% 1/4W	R1892	1-249-415-11	CARBON	680 5% 1/4W
R1823	1-249-406-11	CARBON	120 5% 1/4W	R1893	1-249-433-11	CARBON	22K 5% 1/4W
R1824	1-247-881-00	CARBON	120K 5% 1/4W	R1894	1-249-428-11	CARBON	8.2K 5% 1/4W
R1825	1-247-881-00	CARBON	120K 5% 1/4W	R1896	1-249-415-11	CARBON	680 5% 1/4W
R1826	1-247-881-00	CARBON	120K 5% 1/4W	R1898	1-249-426-11	CARBON	5.6K 5% 1/4W
R1827	1-249-429-11	CARBON	10K 5% 1/4W	R1899	1-249-426-11	CARBON	5.6K 5% 1/4W
R1828	1-249-417-11	CARBON	1K 5% 1/4W	R1901	1-249-429-11	CARBON	10K 5% 1/4W
R1829	1-249-429-11	CARBON	10K 5% 1/4W	R1902	1-249-417-11	CARBON	1K 5% 1/4W
R1830	1-249-429-11	CARBON	10K 5% 1/4W	R1903	1-249-412-11	CARBON	390 5% 1/4W
R1831	1-249-417-11	CARBON	1K 5% 1/4W	R1920	1-249-429-11	CARBON	10K 5% 1/4W
R1832	1-249-429-11	CARBON	10K 5% 1/4W	R1921	1-249-424-11	CARBON	3.9K 5% 1/4W
R1833	1-249-429-11	CARBON	10K 5% 1/4W	R1922	1-249-424-11	CARBON	3.9K 5% 1/4W
R1834	1-249-417-11	CARBON	1K 5% 1/4W	R1923	1-249-421-11	CARBON	2.2K 5% 1/4W
R1835	1-249-428-11	CARBON	8.2K 5% 1/4W	R1925	1-249-440-11	CARBON	82K 5% 1/4W
R1836	1-249-422-11	CARBON	2.7K 5% 1/4W	R1926	1-249-440-11	CARBON	82K 5% 1/4W
R1837	1-249-417-11	CARBON	1K 5% 1/4W	R1927	1-249-440-11	CARBON	82K 5% 1/4W
R1838	1-249-426-11	CARBON	5.6K 5% 1/4W	R1929	1-247-722-11	CARBON	5.6K 5% 1/4W
R1839	1-249-426-11	CARBON	5.6K 5% 1/4W	R1930	1-247-714-11	CARBON	1.2K 5% 1/4W
R1841	1-249-433-11	CARBON	22K 5% 1/4W	R1931	1-249-417-11	CARBON	1K 5% 1/4W
R1842	1-249-433-11	CARBON	22K 5% 1/4W	R1932	1-249-417-11	CARBON	1K 5% 1/4W
R1843	1-249-462-11	CARBON	22K 5% 1/4W	R1935	1-249-428-11	CARBON	8.2K 5% 1/4W
R1844	1-249-405-11	CARBON	100 5% 1/4W	R1936	1-249-459-11	CARBON	12K 5% 1/4W
R1845	1-249-433-11	CARBON	22K 5% 1/4W	R1937	1-249-428-11	CARBON	8.2K 5% 1/4W
R1846	1-247-714-11	CARBON	1.2K 5% 1/4W	R1938	1-249-428-11	CARBON	8.2K 5% 1/4W
R1847	1-249-437-11	CARBON	47K 5% 1/4W	R1939	1-249-428-11	CARBON	8.2K 5% 1/4W
R1848	1-249-428-11	CARBON	8.2K 5% 1/4W	R1940	1-249-428-11	CARBON	8.2K 5% 1/4W
R1849	1-249-465-11	CARBON	47K 5% 1/4W	R1950	1-249-428-11	CARBON	8.2K 5% 1/4W
R1850	1-249-428-11	CARBON	8.2K 5% 1/4W	R1951	1-249-429-11	CARBON	10K 5% 1/4W
R1851	1-249-465-11	CARBON	47K 5% 1/4W	R1953	1-249-423-11	CARBON	3.3K 5% 1/4W
R1852	1-249-428-11	CARBON	8.2K 5% 1/4W	R1965	1-247-712-11	CARBON	820 5% 1/4W
R1853	1-249-416-11	CARBON	820 5% 1/4W				

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REF. NO.	PART NO.	DESCRIPTION			REMARK		REF. NO.	PART NO.	DESCRIPTION			REMARK		
R716	1-216-486-00	METAL OXIDE	8.2K	5%	3W	F		*A-1340-940-A	D2 BOARD, COMPLETE	*****				
R717	1-249-409-11	CARBON	220	5%	1/4W									
R718	1-249-429-11	CARBON	10K	5%	1/4W									
R719	1-249-429-11	CARBON	10K	5%	1/4W									
R720	1-216-486-00	METAL OXIDE	8.2K	5%	3W	F				<CAPACITOR>				
R721	1-249-409-11	CARBON	220	5%	1/4W		C2501	1-106-351-00	MYLAR	0.0022MF	10%	100V		
R722	1-249-405-11	CARBON	100	5%	1/4W		C2502	1-108-632-11	MYLAR	0.033MF	10%	100V		
R723	1-247-700-11	CARBON	100	5%	1/4W		C2503	1-108-620-11	MYLAR	0.0033MF	10%	100V		
R724	1-249-405-11	CARBON	100	5%	1/4W		C2504	1-102-074-00	CERAMIC	0.001MF	10%	50V		
R725	1-249-429-11	CARBON	10K	5%	1/4W		C2505	1-108-626-11	MYLAR	0.01MF	10%	100V		
R726	1-249-408-11	CARBON	180	5%	1/4W		C2506	1-108-620-11	MYLAR	0.0033MF	10%	100V		
R727	1-249-429-11	CARBON	10K	5%	1/4W		C2507	1-108-626-11	MYLAR	0.01MF	10%	100V		
R728	1-247-812-11	CARBON	160	5%	1/4W		C2508	1-123-379-00	ELECT	0.47MF	20%	50V		
R729	1-249-441-11	CARBON	100K	5%	1/4W		C2509	1-123-356-00	ELECT	10MF	20%	50V		
R730	1-247-812-11	CARBON	160	5%	1/4W		C2510	1-123-356-00	ELECT	10MF	20%	50V		
R731	1-247-719-11	CARBON	3.3K	5%	1/4W	F	C2511	1-123-359-00	ELECT	47MF	20%	50V		
R732	1-247-719-11	CARBON	3.3K	5%	1/4W	F	C2512	1-123-359-00	ELECT	47MF	20%	50V		
R733	1-247-719-11	CARBON	3.3K	5%	1/4W	F	C2513	1-123-357-00	ELECT	22MF	20%	50V		
R734	1-247-714-11	CARBON	1.2K	5%	1/4W		C2514	1-123-361-00	ELECT	220MF	20%	50V		
R735	1-247-714-11	CARBON	1.2K	5%	1/4W		C2515	1-123-333-00	ELECT	100MF	20%	25V		
R736	1-247-134-00	CARBON	1.3K	5%	1/4W		C2516	1-123-360-00	ELECT	100MF	20%	50V		
R737	1-249-439-11	CARBON	68K	5%	1/4W		C2517	1-130-736-11	FILM	0.01MF	5%	100V		
R739	1-247-881-00	CARBON	120K	5%	1/4W		C2518	1-102-231-11	CERAMIC	47PF	10%	500V		
R740	1-215-902-11	METAL OXIDE	47K	5%	2W	F	C2520	1-123-380-00	ELECT	1MF	20%	50V		
R741	1-249-435-11	CARBON	33K	5%	1/4W		C2521	1-108-816-11	MYLAR	0.1MF	5%	50V		
R742	1-247-725-11	CARBON	10K	5%	1/4W	F	C2522	1-123-332-00	ELECT	47MF	20%	25V		
R743	1-247-725-11	CARBON	10K	5%	1/4W	F	C2523	1-108-637-11	MYLAR	0.082MF	10%	100V		
R744	1-247-725-11	CARBON	10K	5%	1/4W	F	C2524	1-106-393-00	MYLAR	0.12MF	10%	100V		
R745	1-247-713-11	CARBON	1K	5%	1/4W	F	C2525	1-123-379-00	ELECT	0.47MF	20%	50V		
R746	1-215-902-11	METAL OXIDE	47K	5%	1W	F	C2526	1-108-634-11	MYLAR	0.047MF	10%	100V		
R747	1-247-725-11	CARBON	10K	5%	1/4W	F	C2527	1-108-614-11	MYLAR	0.001MF	10%	100V		
R751	1-249-409-11	CARBON	220	5%	1/4W		C2530	1-108-640-11	MYLAR	0.15MF	10%	100V		
R752	1-249-409-11	CARBON	220	5%	1/4W		C2532	1-108-626-11	MYLAR	0.01MF	10%	100V		
R753	1-249-418-11	CARBON	1.2K	5%	1/4W		C2535	1-106-375-12	MYLAR	0.022MF	10%	100V		
R754	1-249-412-11	CARBON	390	5%	1/4W		C2536	1-123-379-00	ELECT	0.47MF	20%	50V		
R755	1-215-871-11	METAL OXIDE	2.2K	5%	1W	F	C2537	1-123-332-00	ELECT	47MF	20%	25V		
R756	1-249-414-11	CARBON	560	5%	1/4W		C2538	1-123-369-00	ELECT	4.7MF	20%	50V		
R757	1-249-426-11	CARBON	5.6K	5%	1/4W									
R758	1-249-435-11	CARBON	33K	5%	1/4W									
R759	1-249-393-11	CARBON	10	5%	1/4W	F								
										<CONNECTOR>				
R760	1-249-411-11	CARBON	330	5%	1/4W		D21	*1-566-058-11	PIN, CONNECTOR 6P					
R761	1-249-409-11	CARBON	220	5%	1/4W		D22	*1-508-767-00	PIN, CONNECTOR (5MM PITCH) 5P					
R762	1-249-409-11	CARBON	220	5%	1/4W		D23	*1-508-766-00	PIN, CONNECTOR (5MM PITCH) 4P					
R763	1-249-437-11	CARBON	47K	5%	1/4W	F	D24	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P					
R764	1-249-397-11	CARBON	22	5%	1/4W	F	D25	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P					
R765	1-249-417-11	CARBON	1K	5%	1/4W		D26	*1-566-054-11	PIN, CONNECTOR 2P					
R766	1-249-435-11	CARBON	33K	5%	1/4W					<DIODE>				
R767	1-249-441-11	CARBON	100K	5%	1/4W									
R768	1-249-435-11	CARBON	33K	5%	1/4W									
R769	1-249-417-11	CARBON	1K	5%	1/4W									
R770	1-249-389-11	CARBON	4.7	5%	1/4W	F	D2501	8-719-911-19	DIODE 1SS119					
R771	1-249-389-11	CARBON	4.7	5%	1/4W	F	D2502	8-719-911-55	DIODE U05G					
R772	1-249-402-11	CARBON	56	5%	1/4W		D2503	8-719-911-55	DIODE U05G					
							D2504	8-719-911-19	DIODE 1SS119					
							D2505	8-719-911-19	DIODE ISS119					
							D2506	8-719-911-55	DIODE U05G					
							D2507	8-719-110-53	DIODE RD20ES-B2					
										<VARIABLE RESISTOR>				
RV701	1-226-157-00	RES, ADJ, METAL GLAZE 1M												
RV703	1-228-729-00	RES, ADJ, CERAMIC CARBON 220K												
RV705	1-228-728-00	RES, ADJ, CERAMIC CARBON 100K												
RV706	1-228-724-00	RES, ADJ, CERAMIC CARBON 10K												
										<COIL>				
							L2501	1-410-748-11	INDUCTOR 15MMH					
							L2502	1-459-119-00	COIL, DUST CORE(ARC)					
							L2503	1-407-504-00	INDUCTOR 10MMH					
							L2504	1-459-583-11	COIL (WITH CORE)					
							L2505	1-443-012-00	TRANSFORMER, DYNAMIC CONVERSION					
							L2506	1-459-123-00	COIL, DUST CORE(PAC)					

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK				
R1966	1-247-712-11	CARBON	820 5% 1/4W	D706	8-719-911-19	DIODE ISS119					
R1967	1-247-712-11	CARBON	820 5% 1/4W	D707	8-719-911-19	DIODE ISS119					
R1968	1-247-881-00	CARBON	120K 5% 1/4W	D708	8-719-911-19	DIODE ISS119					
R1969	1-249-440-11	CARBON	82K 5% 1/4W	D709	8-719-911-19	DIODE ISS119					
R1971	1-249-417-11	CARBON	1K 5% 1/4W	D710	8-719-901-83	DIODE ISS83					
R1972	1-249-417-11	CARBON	1K 5% 1/4W	D711	8-719-901-83	DIODE ISS83					
R1973	1-249-417-11	CARBON	1K 5% 1/4W	D712	8-719-901-83	DIODE ISS83					
R1974	1-249-417-11	CARBON	1K 5% 1/4W	D713	8-719-901-83	DIODE ISS83					
R1978	1-249-405-11	CARBON	100 5% 1/4W	D751	8-719-911-19	DIODE ISS119					
				D752	8-719-911-19	DIODE ISS119					

*A-1330-789-A C BOARD, COMPLETE											

1-526-644-71 SOCKET, PICTURE TUBE											
<CONNECTOR>											
C1	*1-506-371-00	PIN, CONNECTOR 2P		L701	1-408-092-00	INDUCTOR	330UH				
C2	*1-566-054-11	PIN, CONNECTOR 2P		L702	1-407-708-00	INDUCTOR	180UH				
C3	*1-566-055-11	PIN, CONNECTOR 3P		L703	1-407-708-00	INDUCTOR	180UH				
C5	*1-566-061-11	PIN, CONNECTOR 9P		L704	1-408-121-00	INDUCTOR	22UH				
C6	*1-566-054-11	PIN, CONNECTOR 2P		L705	1-408-121-00	INDUCTOR	22UH				
C7	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P		<TRANSISTOR>							
<CAPACITOR>											
C701	1-162-115-00	CERAMIC	330PF 10% 2KV	Q701	8-729-326-11	TRANSISTOR 2SC2611					
C702	1-129-779-00	FILM	0.022MF 20% 1KV	Q702	8-729-178-55	TRANSISTOR 2SC2785-E					
C703	1-124-927-11	ELECT	4.7MF 20% 100V	Q703	8-729-200-17	TRANSISTOR 2SA1091-0					
C704	1-123-948-00	ELECT	22MF 20% 250V	Q706	8-729-200-17	TRANSISTOR 2SA1091-0					
C705	1-108-704-11	MYLAR	0.1MF 10% 200V	Q707	8-729-200-17	TRANSISTOR 2SA1091-0					
C706	1-108-704-11	MYLAR	0.1MF 10% 200V	Q708	8-729-326-11	TRANSISTOR 2SC2611					
C707	1-102-116-00	CERAMIC	680PF 10% 50V	Q709	8-729-178-55	TRANSISTOR 2SC2785-E					
C708	1-102-116-00	CERAMIC	680PF 10% 50V	Q710	8-729-255-12	TRANSISTOR 2SC2551-0					
C709	1-102-116-00	CERAMIC	680PF 10% 50V	Q712	8-729-255-12	TRANSISTOR 2SC2551-0					
C710	1-102-115-00	CERAMIC	560PF 10% 50V	Q714	8-729-200-17	TRANSISTOR 2SA1091-0					
C711	1-123-356-00	ELECT	10MF 20% 25V	Q715	8-729-200-17	TRANSISTOR 2SA1091-0					
C712	1-102-116-00	CERAMIC	680PF 10% 50V	Q716	8-729-200-17	TRANSISTOR 2SA1091-0					
C713	1-102-116-00	CERAMIC	680PF 10% 50V	Q751	8-729-178-55	TRANSISTOR 2SC2785-E					
C714	1-123-321-00	ELECT	220MF 20% 16V	<RESISTOR>							
C715	1-102-125-00	CERAMIC	0.0047MF 10% 50V	R701	1-216-341-11	METAL OXIDE	0.22 5%	1W	F		
C718	1-102-125-00	CERAMIC	0.0047MF 10% 50V	R702	1-202-846-00	SOLID	470K 10%	1/2W			
C723	1-108-634-11	MYLAR	0.047MF 10% 100V	R703	1-202-844-00	SOLID	330K 10%	1/2W			
C753	1-102-971-00	CERAMIC	82PF 5% 50V	R704	1-202-815-11	SOLID	47K 10%	1/2W			
C754	1-108-617-11	MYLAR	0.0018MF 10% 100V	R705	1-202-846-00	SOLID	470K 10%	1/2W			
C755	1-123-356-00	ELECT	10MF 20% 25V	<DIODE>							
C756	1-108-626-11	MYLAR	0.01MF 10% 100V	R706	1-202-720-00	SOLID	1.2M 10%	1/2W			
C757	1-108-626-11	MYLAR	0.01MF 10% 100V	R707	1-202-842-11	SOLID	220K 10%	1/2W			
C758	1-102-963-00	CERAMIC	33PF 5% 50V	R708	1-202-818-00	SOLID	1K 10%	1/2W			
C759	1-102-963-00	CERAMIC	33PF 5% 50V	R709	1-202-818-00	SOLID	1K 10%	1/2W			
C760	1-108-614-11	MYLAR	0.001MF 10% 100V	R710	1-202-818-00	SOLID	1K 10%	1/2W			
C762	1-136-177-00	FILM	1MF 5% 50V	R711	1-202-549-00	SOLID	100 10%	1/2W			
C763	1-123-356-00	ELECT	10MF 20% 50V	R712	1-202-543-00	SOLID	56 10%	1/2W			
C764	1-108-638-11	MYLAR	0.1MF 10% 100V	R713	1-216-486-00	METAL OXIDE	8.2K 5%	3W	F		
C765	1-123-380-00	ELECT	1MF 20% 50V	R714	1-249-409-11	CARBON	220 5%	1/4W			
C766	1-124-122-11	ELECT	100MF 20% 50V	R715	1-249-429-11	CARBON	10K 5%	1/4W			

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
<TRANSISTOR>							
Q2501	8-729-178-55	TRANSISTOR 2SC2785-E		R2554	1-247-895-00	CARBON 470K 5%	1/4W
Q2502	8-729-178-55	TRANSISTOR 2SC2785-E		R2555	1-249-424-11	CARBON 3.9K 5%	1/4W
Q2503	8-729-178-55	TRANSISTOR 2SC2785-E		R2556	1-249-425-11	CARBON 4.7K 5%	1/4W
Q2504	8-729-178-55	TRANSISTOR 2SC2785-E		R2557	1-249-429-11	CARBON 10K 5%	1/4W
Q2505	8-729-178-55	TRANSISTOR 2SC2785-E		R2558	1-249-425-11	CARBON 4.7K 5%	1/4W
Q2506	8-729-122-03	TRANSISTOR 2SA1220A-P		R2559	1-249-429-11	CARBON 10K 5%	1/4W
Q2507	8-729-169-02	TRANSISTOR 2SC2690A-Q		R2560	1-249-430-11	CARBON 12K 5%	1/4W
Q2510	8-729-195-82	TRANSISTOR 2SC2958-L		R2561	1-249-429-11	CARBON 10K 5%	1/4W
Q2511	8-729-119-76	TRANSISTOR 2SA1175-HPE		R2562	1-247-704-11	CARBON 220 5%	1/4W
Q2512	8-729-122-03	TRANSISTOR 2SA1220A-P		R2563	1-249-425-11	CARBON 4.7K 5%	1/4W
Q2515	8-729-119-76	TRANSISTOR 2SA1175-HRE		R2564	1-249-437-11	CARBON 47K 5%	1/4W
Q2516	8-729-178-55	TRANSISTOR 2SC2785-E		R2565	1-249-441-11	CARBON 100K 5%	1/4W
				R2566	1-249-409-11	CARBON 220 5%	1/4W
				R2567	1-249-421-11	CARBON 2.2K 5%	1/4W
<RESISTOR>							
R2501	1-249-435-11	CARBON 33K 5%	1/4W	<VARIABLE RESISTOR>			
R2502	1-249-429-11	CARBON 10K 5%	1/4W	RV2501	1-228-727-00	RES, ADJ, CERAMIC CARBON 47K	
R2503	1-249-435-11	CARBON 33K 5%	1/4W	RV2502	1-228-727-00	RES, ADJ, CERAMIC CARBON 47K	
R2504	1-249-429-11	CARBON 10K 5%	1/4W	RV2503	1-228-727-00	RES, ADJ, CERAMIC CARBON 47K	
R2505	1-249-420-11	CARBON 1.8K 5%	1/4W	RV2504	1-228-724-00	RES, ADJ, CERAMIC CARBON 10K	
R2506	1-249-429-11	CARBON 10K 5%	1/4W	RV2505	1-228-724-00	RES, ADJ, CERAMIC CARBON 10K	
R2507	1-249-437-11	CARBON 47K 5%	1/4W	<TRANSFORMER>			
R2508	1-249-437-11	CARBON 47K 5%	1/4W	T2501	1-407-849-00	TRANSFORMER, D.F	
R2509	1-249-418-11	CARBON 1.2K 5%	1/4W	*****			
R2510	1-249-438-11	CARBON 56K 5%	1/4W	*A-1340-941-A D3 BOARD, COMPLETE			

R2511	1-249-439-11	CARBON 68K 5%	1/4W	*****			
R2512	1-249-429-11	CARBON 10K 5%	1/4W	*1-566-054-11 PIN, CONNECTOR 2P			
R2513	1-249-417-11	CARBON 1K 5%	1/4W	*1-566-057-11 PIN, CONNECTOR 5P			
R2514	1-247-700-11	CARBON 100 5%	1/4W	*1-566-058-11 PIN, CONNECTOR 6P			
R2515	1-249-439-11	CARBON 68K 5%	1/4W	<CAPACITOR>			
R2516	1-249-425-11	CARBON 4.7K 5%	1/4W	C2601	1-124-598-11	ELECT 22MF 20% 25V	
R2517	1-249-439-11	CARBON 68K 5%	1/4W	C2602	1-123-381-00	ELECT 2.2MF 20% 50V	
R2518	1-249-439-11	CARBON 68K 5%	1/4W	C2603	1-123-381-00	ELECT 2.2MF 20% 50V	
R2519	1-249-437-11	CARBON 47K 5%	1/4W	C2604	1-123-369-00	ELECT 4.7MF 20% 50V	
R2520	1-249-421-11	CARBON 2.2K 5%	1/4W	C2606	1-101-004-00	CERAMIC 0.01MF 50V	
R2521	1-249-439-11	CARBON 68K 5%	1/4W	C2607	1-123-333-00	ELECT 100MF 20% 25V	
R2522	1-249-430-11	CARBON 12K 5%	1/4W	C2608	1-123-381-00	ELECT 2.2MF 20% 50V	
R2523	1-249-423-11	CARBON 3.3K 5%	1/4W	C2609	1-124-598-11	ELECT 22MF 20% 25V	
R2524	1-249-426-11	CARBON 5.6K 5%	1/4W	C2610	1-126-163-11	ELECT 4.7MF 20% 50V	
R2525	1-249-417-11	CARBON 1K 5%	1/4W	C2611	1-124-261-00	ELECT 10MF 20% 50V	
R2526	1-249-423-11	CARBON 3.3K 5%	1/4W	C2612	1-126-163-11	ELECT 4.7MF 20% 50V	
R2527	1-249-433-11	CARBON 22K 5%	1/4W	C2613	1-126-163-11	ELECT 4.7MF 20% 50V	
R2528	1-249-425-11	CARBON 4.7K 5%	1/4W	C2615	1-101-004-00	CERAMIC 0.01MF 50V	
R2529	1-249-433-11	CARBON 22K 5%	1/4W	C2616	1-124-598-11	ELECT 22MF 20% 25V	
R2530	1-249-423-11	CARBON 3.3K 5%	1/4W	C2617	1-124-598-11	ELECT 22MF 20% 25V	
R2531	1-249-401-11	CARBON 47 5%	1/4W F	C2618	1-124-598-11	ELECT 22MF 20% 25V	
R2532	1-249-401-11	CARBON 47 5%	1/4W F	<DIODE>			
R2533	1-249-399-11	CARBON 33 5%	1/4W F	D2601	8-719-016-42	DIODE MC932	
R2534	1-249-429-11	CARBON 10K 5%	1/4W	D2602	8-719-016-42	DIODE MC932	
R2540	1-249-434-11	CARBON 27K 5%	1/4W	D2603	8-719-110-60	DIODE RD24ES-B	
R2541	1-247-883-00	CARBON 150K 5%	1/4W	D2604	8-719-911-19	DIODE ISS119	
R2542	1-216-426-11	METAL OXIDE 82 5%	1W F	<IC>			
R2543	1-212-960-00	FUSIBLE 12 5%	1/2W F	IC2601	8-759-981-95	IC RC4558S	
R2544	1-215-884-11	METAL OXIDE 47 5%	2W F	IC2602	8-759-909-70	IC CX23025	
R2545	1-249-421-11	CARBON 2.2K 5%	1/4W				
R2546	1-247-706-11	CARBON 330 5%	1/4W				
R2547	1-249-435-11	CARBON 33K 5%	1/4W				
R2548	1-249-439-11	CARBON 68K 5%	1/4W				
R2549	1-249-441-11	CARBON 100K 5%	1/4W				
R2550	1-249-424-11	CARBON 3.9K 5%	1/4W				

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RM-668**D3 D**

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK				
<TRANSISTOR>											
Q2601	8-729-119-78	TRANSISTOR 2SC2785-HFE		RV2601	1-228-728-00	RBS, ADJ, CERAMIC CARBON 100K					
Q2602	8-729-900-36	TRANSISTOR DTC124ES		RV2602	1-228-728-00	RBS, ADJ, CERAMIC CARBON 100K					
Q2603	8-729-119-78	TRANSISTOR 2SC2785-HFE		RV2603	1-228-724-00	RBS, ADJ, CERAMIC CARBON 10K					
Q2604	8-729-119-78	TRANSISTOR 2SC2785-HFE		RV2604	1-228-724-00	RBS, ADJ, CERAMIC CARBON 10K					
Q2605	8-729-119-78	TRANSISTOR 2SC2785-HFE		RV2605	1-228-725-00	RBS, ADJ, CERAMIC CARBON 22K					
Q2606	8-729-119-78	TRANSISTOR 2SC2785-HFE		RV2606	1-228-727-00	RBS, ADJ, CERAMIC CARBON 47K					
Q2607	8-729-105-73	TRANSISTOR 2SK523-L2		RV2607	1-228-993-00	RBS, ADJ, CARBON 4.7K					
Q2608	8-729-119-78	TRANSISTOR 2SC2785-HFE		*****							
<RESISTOR>											
R2601	1-249-438-11	CARBON 56K 5% 1/4W		<VARIABLE RESISTOR>							
R2602	1-249-435-11	CARBON 33K 5% 1/4W		RV2601	1-228-728-00	RBS, ADJ, CERAMIC CARBON 100K					
R2603	1-249-424-11	CARBON 3.9K 5% 1/4W		RV2602	1-228-728-00	RBS, ADJ, CERAMIC CARBON 100K					
R2604	1-249-424-11	CARBON 3.9K 5% 1/4W		RV2603	1-228-724-00	RBS, ADJ, CERAMIC CARBON 10K					
R2605	1-247-704-11	CARBON 220 5% 1/4W		RV2604	1-228-724-00	RBS, ADJ, CERAMIC CARBON 10K					
R2606	1-249-441-11	CARBON 100K 5% 1/4W		RV2605	1-228-725-00	RBS, ADJ, CERAMIC CARBON 22K					
R2610	1-249-441-11	CARBON 100K 5% 1/4W		RV2606	1-228-727-00	RBS, ADJ, CERAMIC CARBON 47K					
R2611	1-247-725-11	CARBON 10K 5% 1/4W		RV2607	1-228-993-00	RBS, ADJ, CARBON 4.7K					
R2612	1-249-438-11	CARBON 56K 5% 1/4W		*****							
R2613	1-247-881-00	CARBON 120K 5% 1/4W		*A-1345-699-A D BOARD, COMPLETE							
<CAPACITOR>											
R2614	1-249-429-11	CARBON 10K 5% 1/4W		C501	1-123-380-00	ELECT 1MF 20% 50V					
R2615	1-249-429-11	CARBON 10K 5% 1/4W		C502	1-108-622-11	MYLAR 0.0047MF 10% 100V					
R2616	1-249-429-11	CARBON 10K 5% 1/4W		C503	1-106-351-00	MYLAR 0.0022MF 10% 100V					
R2617	1-249-429-11	CARBON 10K 5% 1/4W		C504	1-126-103-11	ELECT 470MF 20% 16V					
R2618	1-249-429-11	CARBON 10K 5% 1/4W		C505	1-123-379-00	ELECT 0.47MF 20% 50V					
R2619	1-249-441-11	CARBON 100K 5% 1/4W		C506	1-124-963-11	ELECT 33MF 20% 16V					
R2620	1-249-441-11	CARBON 100K 5% 1/4W		C507	1-123-379-00	ELECT 0.47MF 20% 50V					
R2622	1-249-429-11	CARBON 10K 5% 1/4W		C508	1-136-173-00	FILM 0.47MF 5% 50V					
R2623	1-249-429-11	CARBON 10K 5% 1/4W		C509	1-123-357-00	ELECT 22MF 20% 50V					
R2624	1-249-417-11	CARBON 1K 5% 1/4W		C512	1-136-162-00	FILM 0.056MF 5% 50V					
R2625	1-249-429-11	CARBON 10K 5% 1/4W		C514	1-124-517-11	ELECT 470MF 10% 50V					
R2626	1-249-433-11	CARBON 22K 5% 1/4W		C515	1-126-233-11	ELECT 22MF 10% 50V					
R2627	1-249-433-11	CARBON 22K 5% 1/4W		C516	1-123-336-00	ELECT 470MF 20% 25V					
R2628	1-249-429-11	CARBON 10K 5% 1/4W		C520	1-102-244-00	CERAMIC 220PF 10% 500V					
R2629	1-249-405-11	CARBON 100 5% 1/4W		C521	1-126-170-11	ELECT 1000MF 20% 50V					
R2630	1-249-405-11	CARBON 100 5% 1/4W		C522	1-123-875-11	ELECT 10MF 20% 50V					
R2631	1-247-700-11	CARBON 100 5% 1/4W		C523	1-108-704-11	MYLAR 0.1MF 10% 200V					
R2632	1-249-423-11	CARBON 3.3K 5% 1/4W		C524	1-106-381-12	MYLAR 0.039MF 10% 200V					
R2633	1-249-423-11	CARBON 3.3K 5% 1/4W		C525	1-102-244-00	CERAMIC 220PF 10% 500V					
R2634	1-247-700-11	CARBON 100 5% 1/4W		C526	1-124-342-00	ELECT 3.3MF 20% 160V					
R2635	1-247-722-11	CARBON 5.6K 5% 1/4W		C527	1-106-371-00	MYLAR 0.015MF 10% 200V					
R2636	1-249-427-11	CARBON 6.8K 5% 1/4W		C528	1-162-318-11	CERAMIC 0.001MF 10% 500V					
R2637	1-249-433-11	CARBON 22K 5% 1/4W		C531	1-123-379-00	ELECT 0.47MF 20% 50V					
R2638	1-249-431-11	CARBON 15K 5% 1/4W		C545	1-123-330-00	ELECT 22MF 20% 25V					
R2639	1-249-437-11	CARBON 47K 5% 1/4W		C546	1-123-381-00	ELECT 2.2MF 20% 50V					
R2640	1-249-429-11	CARBON 10K 5% 1/4W		C547	1-123-333-00	ELECT 100MF 20% 25V					
R2642	1-249-424-11	CARBON 3.9K 5% 1/4W		C548	1-123-321-00	ELECT 220MF 20% 16V					
R2643	1-249-423-11	CARBON 3.3K 5% 1/4W		C551	1-123-357-00	ELECT 22MF 20% 50V					
R2644	1-247-885-00	CARBON 180K 5% 1/4W		C552	1-123-356-00	ELECT 10MF 20% 50V					
R2645	1-249-429-11	CARBON 10K 5% 1/4W		C555	1-123-379-00	ELECT 0.47MF 20% 50V					
R2646	1-249-405-11	CARBON 100 5% 1/4W		C556	1-136-175-00	FILM 0.68MF 5% 50V					
R2647	1-249-439-11	CARBON 68K 5% 1/4W		C557	1-136-169-00	FILM 0.22MF 5% 50V					
R2648	1-249-437-11	CARBON 47K 5% 1/4W		C1501	1-136-161-00	FILM 0.047MF 5% 50V					
R2649	1-249-417-11	CARBON 1K 5% 1/4W		C1502	1-108-638-11	MYLAR 0.1MF 10% 100V					
R2650	1-249-417-11	CARBON 1K 5% 1/4W		C1503	1-108-628-11	MYLAR 0.015MF 10% 100V					
R2651	1-247-881-00	CARBON 120K 5% 1/4W		C1504	1-123-330-00	ELECT 22MF 20% 16V					
				C1505	1-108-626-11	MYLAR 0.01MF 10% 100V					
				C1506	1-123-356-00	ELECT 10MF 20% 25V					
				C1507	1-123-332-00	ELECT 47MF 20% 25V					
				C1508	1-130-480-00	FILM 0.0056MF 5% 50V					
				C1509	1-123-369-00	ELECT 4.7MF 20% 25V					
				C1510	1-102-820-00	CERAMIC 330PF 5% 50V					
				C1511	1-123-321-00	ELECT 220MF 20% 16V					
				C1512	1-123-379-00	ELECT 0.47MF 20% 50V					
				C1520	1-102-125-00	CERAMIC 0.0047MF 10% 50V					
				C1521	1-108-631-11	MYLAR 0.027MF 10% 100V					
				C1522	1-123-333-00	ELECT 100MF 20% 25V					
				C1523	1-102-978-00	CERAMIC 220PF 5% 50V					
				C1524	1-108-698-11	MYLAR 0.033MF 10% 200V					
				C1525	1-162-117-00	CERAMIC 100PF 10% 500V					

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

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
<COIL>							
L501	1-459-060-00	COIL, DYNAMIC CONVERSION CHOKE		R501	1-249-895-00	CARBON	470K 5% 1/4W
L1501	1-408-159-00	COIL, SPOOK CHOKE 3.9UH		R502	1-249-427-11	CARBON	6.8K 5% 1/4W
L1502	1-459-215-00	CORE COIL		R503	1-249-425-11	CARBON	4.7K 5% 1/4W
L1503	1-407-365-00	COIL, CHOKE		R504	1-249-429-11	CARBON	10K 5% 1/4W
L1504	1-407-365-00	COIL, CHOKE		R505	1-249-421-11	CARBON	2.2K 5% 1/4W
L1505	1-407-365-00	COIL, CHOKE		R506	1-249-435-11	CARBON	33K 5% 1/4W
L1506	1-459-104-00	COIL, DUST CORE		R507	1-249-424-11	CARBON	3.9K 5% 1/4W
L1507	1-407-365-00	COIL, CHOKE		R508	1-247-726-11	CARBON	33K 5% 1/4W
L1508 Δ	1-424-059-11	PMC		R509	1-249-428-11	CARBON	8.2K 5% 1/4W
L1510	1-407-365-00	COIL, CHOKE		R510	1-249-431-11	CARBON	15K 5% 1/4W
L1511	1-407-365-00	COIL, CHOKE		R511	1-249-432-11	CARBON	18K 5% 1/4W
L1512 Δ	1-459-308-32	COIL, HORIZONTAL LINEARITY		R512	1-247-858-11	CARBON	13K 5% 1/4W
<IC LINK>							
PS501	1-532-727-11	LINK, IC		R513	1-249-430-11	CARBON	12K 5% 1/4W
<TRANSISTOR>							
Q501	8-729-178-55	TRANSISTOR 2SC2785-E		R514	1-247-876-11	CARBON	75K 5% 1/4W
Q502	8-729-178-55	TRANSISTOR 2SC2785-E		R515	1-249-468-11	CARBON	82K 5% 1/4W
Q503	8-729-119-76	TRANSISTOR 2SA1175-HFE		R516	1-247-713-11	CARBON	1K 5% 1/4W
Q505	8-729-119-76	TRANSISTOR 2SA1175-HFE		R517	1-249-420-11	CARBON	1.8K 5% 1/4W
Q506	8-729-178-55	TRANSISTOR 2SC2785-E		R518	1-247-721-11	CARBON	4.7K 5% 1/4W
Q510	8-729-195-82	TRANSISTOR 2SC2958-L		R519	1-247-715-11	CARBON	1.5K 5% 1/4W
Q511	8-729-122-03	TRANSISTOR 2SA1220A-P		R520	1-249-429-11	CARBON	10K 5% 1/4W
Q512	8-729-169-02	TRANSISTOR 2SC2690A-Q		R521	1-249-434-11	CARBON	27K 5% 1/4W
Q515	8-729-119-76	TRANSISTOR 2SA1175-HFE		R522	1-249-438-11	CARBON	56K 5% 1/4W
Q516	8-729-140-96	TRANSISTOR 2SD774-34		R523	1-214-765-00	METAL	33K 1% 1/4W
Q518	8-729-178-55	TRANSISTOR 2SC2785-E		R525	1-216-353-00	METAL OXIDE	2.2 5% 1W F
Q522	8-729-119-76	TRANSISTOR 2SA1175-HFE		R526	1-249-423-11	CARBON	3.3K 5% 1/4W
Q523	8-729-119-76	TRANSISTOR 2SA1175-HFE		R527	1-249-420-11	CARBON	1.8K 5% 1/4W
Q1501	8-729-119-76	TRANSISTOR 2SA1175-HFE		R528	1-249-413-11	CARBON	470 5% 1/4W
Q1503	8-729-203-81	TRANSISTOR 2SC2238B-0		R529	1-249-414-11	CARBON	560 5% 1/4W
Q1504	8-729-301-74	TRANSISTOR 2SD1497-04		R530	1-247-705-11	CARBON	270 5% 1/4W
4-374-410-01		SPACER, MICA; Q1504		R536	1-249-393-11	CARBON	10 5% 1/4W F
*4-374-413-01		RETAINER (A), TR; Q1504		R537	1-249-399-11	CARBON	33 5% 1/4W F
Q1505	8-729-140-96	TRANSISTOR 2SD774-34		R538	1-215-869-11	METAL OXIDE	1K 5% 1W F
Q1506	8-729-140-97	TRANSISTOR 2SB734-34		R539	1-216-350-11	METAL OXIDE	1.2 5% 1W F
Q1507	8-769-330-03	THYRISTOR SG-264A		R540	1-249-405-11	CARBON	100 5% 1/4W F
3-701-609-00		BUSHING (B), TR; Q1507		R541	1-216-350-11	METAL OXIDE	1.2 5% 1W F
4-303-844-00		SPACER, MICA (4) MD-17; Q1507		R542	1-215-865-11	METAL OXIDE	220 5% 1W F
*4-309-762-00		RETAINER (MD-17), TRANSISTOR; Q1507		R543	1-249-382-11	CARBON	1.2 5% 1/4W F
Q1508	8-729-301-74	TRANSISTOR 2SD1497-04		R544	1-215-869-11	METAL OXIDE	1K 5% 1W F
4-374-410-01		SPACER, MICA; Q1508		R546	1-247-715-11	CARBON	1.5K 5% 1/4W F
*4-374-413-01		RETAINER (A), TR; Q1508		R551	1-216-432-00	METAL OXIDE	820 5% 1W F
Q1511	8-729-140-97	TRANSISTOR 2SB734-34		R552	1-247-720-11	CARBON	3.9K 5% 1/4W F
Q1512	8-729-119-76	TRANSISTOR 2SA1175-HFE		R553	1-215-891-11	METAL OXIDE	680 5% 2W F
Q1513	8-729-178-55	TRANSISTOR 2SC2785-E		R554	1-247-721-11	CARBON	4.7K 5% 1/4W F
Q1514	8-729-178-55	TRANSISTOR 2SC2785-E		R555	1-247-725-11	CARBON	10K 5% 1/4W F
Q1515	8-729-178-55	TRANSISTOR 2SC2785-E		R558	1-249-427-11	CARBON	6.8K 5% 1/4W F
Q1520	8-729-119-80	TRANSISTOR 2SC2688-LK		R560	1-249-417-11	CARBON	1K 5% 1/4W F
4-377-115-01		SPACER, MICA; Q1520		R561	1-247-708-11	CARBON	470 5% 1/4W F
*4-381-170-01		HOLDER, TR; Q1520		R562	1-247-704-11	CARBON	220 5% 1/4W F
Q1521	8-729-900-36	TRANSISTOR DTC124ES		R563	1-247-704-11	CARBON	220 5% 1/4W F
Q1522	8-729-900-36	TRANSISTOR DTC124ES		R564	1-247-711-11	CARBON	680 5% 1/4W F
Q1523	8-729-900-36	TRANSISTOR DTC124ES		R581	1-249-427-11	CARBON	6.8K 5% 1/4W F
Q1524	8-729-900-36	TRANSISTOR DTC124ES		R582	1-249-441-11	CARBON	100K 5% 1/4W F
Q1525	8-729-900-36	TRANSISTOR DTC124ES		R593	1-215-926-00	METAL OXIDE	33K 5% 3W F
Q1526	8-729-900-36	TRANSISTOR DTC124ES		R593A	1-215-926-00	METAL OXIDE	33K 5% 3W F
				R594	1-249-460-11	CARBON	15K 5% 1/4W F
				R595	1-249-431-11	CARBON	15K 5% 1/4W F
				R596	1-247-146-00	CARBON	4.3K 5% 1/4W F
				R597	1-249-461-11	CARBON	18K 5% 1/4W F
				R598	1-214-750-00	METAL	7.5K 1% 1/4W F
				R599	1-214-741-00	METAL	3.3K 1% 1/4W F

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK	
C1526	1-102-157-00	CERAMIC	560PF	10%	500V	D2	*1-566-055-11	PIN, CONNECTOR 3P
C1527	1-102-038-00	CERAMIC	0.001MF	500V	D3	*1-566-054-11	PIN, CONNECTOR 2P	
C1528	1-108-698-11	MYLAR	0.033MF	10%	200V	D4	*1-508-767-00	PIN, CONNECTOR (5MM PITCH) 5P
C1529	1-102-820-00	CERAMIC	330PF	5%	50V	D5	*1-506-348-99	PIN, CONNECTOR 4P
C1530	1-123-361-00	ELECT	220MF	20%	50V	D6	*1-508-767-00	PIN, CONNECTOR (5MM PITCH) 5P
C1531	1-125-494-11	ELECT (BLOCK)	560MF	20%	160V	D7	*1-566-056-11	PIN, CONNECTOR 4P
C1532	1-124-006-11	ELECT	10MF	20%	25V	D8	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P
C1533 Δ	1-162-115-51	CERAMIC	330PF	10%	2KV	D9	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P
C1534 Δ	1-136-330-11	FILM	0.014MF	3%	1.6KV	D10	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P
C1535	1-129-953-00	FILM	0.068MF	20%	1.5KV	D11	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P
C1536	1-123-333-00	ELECT	100MF	20%	16V	D12	*1-566-055-11	PIN, CONNECTOR 3P
C1537	1-123-333-00	ELECT	100MF	20%	16V	D15	*1-566-058-11	PIN, CONNECTOR 6P
C1539 Δ	1-162-116-11	CERAMIC	680PF	10%	2KV	D27	*1-566-058-11	PIN, CONNECTOR 6P
C1540	1-162-115-00	CERAMIC	330PF	10%	2KV	D28	*1-566-057-11	PIN, CONNECTOR 5P
C1541	1-106-375-12	MYLAR	0.022MF	10%	100V	D29	*1-566-054-11	PIN, CONNECTOR 2P
C1542	1-136-541-11	FILM	1.5MF	5%	200V			<DIODE>
C1543	1-102-820-00	CERAMIC	330PF	5%	50V	D501	8-719-911-19	DIODE 1SS119
C1544	1-136-127-00	FILM	1MF	5%	400V	D502	8-719-200-02	DIODE 10E-2
C1549	1-108-626-11	MYLAR	0.01MF	10%	100V	D503	8-719-300-76	DIODE RH-1A
C1550	1-102-973-00	CERAMIC	100PF	5%	50V	D504	8-719-300-76	DIODE RH-1A
C1551	1-102-030-00	CERAMIC	330PF	10%	500V	D506	8-719-200-02	DIODE 10E-2
C1552	1-108-626-11	MYLAR	0.01MF	10%	100V	D508	8-719-110-36	DIODE RD13ES-B2
C1553	1-123-379-00	ELECT	0.47MF	20%	50V	D510	8-719-109-88	DIODE RD5.6ES-B1
C1554	1-108-626-11	MYLAR	0.01MF	10%	100V	D511	8-719-911-19	DIODE 1SS119
C1555	1-102-110-00	CERAMIC	220PF	10%	50V	D513	8-719-110-41	DIODE RD15ES-B2
C1556	1-123-333-00	ELECT	100MF	20%	25V	D520	8-719-190-00	DIODE RD24E-BZ7
C1557	1-108-622-11	MYLAR	0.0047MF	10%	100V	D521	8-719-911-19	DIODE 1SS119
C1558	1-123-330-00	ELECT	22MF	20%	16V	D522	8-719-101-61	DIODE RD6.2E-L2
C1559	1-123-379-00	ELECT	0.47MF	20%	50V	D522	8-719-911-19	DIODE 1SS119
C1560	1-123-379-00	ELECT	0.47MF	20%	50V	D523	8-719-110-41	DIODE RD15ES-B2
C1565	1-108-638-11	MYLAR	0.1MF	10%	100V	D528	8-719-911-19	DIODE 1SS119
C1566 Δ	1-162-115-51	CERAMIC	330PF	10%	2KV	D530	8-719-200-02	DIODE 10E-2
C1567 Δ	1-162-115-51	CERAMIC	330PF	10%	2KV	D531	8-719-109-88	DIODE RD5.6ES-B1
C1568 Δ	1-130-706-11	FILM	0.008MF	3%	1.6KV	D532	8-719-901-09	DIODE V30N
C1569 Δ	1-129-747-11	FILM	0.047MF	10%	400V	D533	8-719-300-76	DIODE RH-1A
C1570	1-129-751-00	FILM	0.1MF	20%	400V	D534	8-719-911-19	DIODE 1SS119
C1571	1-102-030-00	CERAMIC	330PF	10%	500V	D535	8-719-300-76	DIODE RH-1A
C1572	1-123-321-00	ELECT	220MF	20%	16V	D536	8-719-901-19	DIODE V11N
C1576	1-123-332-00	ELECT	47MF	20%	25V	D537	8-719-200-02	DIODE 10E-2
C1577	1-124-963-11	ELECT	33MF	20%	16V	D538	8-719-110-41	DIODE RD15ES-B2
C1578	1-106-375-12	MYLAR	0.022MF	10%	100V	D539	8-719-906-15	DIODE ERC26-15S
C1579	1-108-638-11	MYLAR	0.1MF	10%	100V	D540	8-719-906-15	DIODE ERC26-15S
C1585	1-123-357-00	ELECT	22MF	20%	50V	D541	8-719-302-98	DIODE RG4C
C1586	1-108-621-11	MYLAR	0.0039MF	10%	100V	D542	8-719-302-98	DIODE RG4C
C1587	1-131-351-00	TANTALUM	4.7MF	10%	35V	D543	8-719-906-15	DIODE RG4C
C1591	1-124-768-11	ELECT	4.7MF	20%	50V	D544	8-719-911-19	DIODE 1SS119
C1592	1-108-692-11	MYLAR	0.01MF	10%	200V	D545	8-719-300-76	DIODE RH-1A
C1593	1-136-171-00	FILM	0.33MF	5%	50V	D546	8-719-945-81	DIODE ERC26-15SA
C1595	1-123-381-00	ELECT	2.2MF	20%	50V	D547	8-719-300-76	DIODE RH-1A
C1596	1-123-369-00	ELECT	4.7MF	20%	50V	D548	8-719-300-76	DIODE RH-1A
C1597	1-136-175-00	FILM	0.68MF	5%	50V	D549	8-719-300-38	DIODE GU-3A
C1598	1-102-816-00	CERAMIC	120PF	5%	50V	D550	8-719-110-60	DIODE RD24ES-B
C1599	1-108-626-11	MYLAR	0.01MF	10%	100V	D551	8-719-109-81	DIODE RD4.7ES-B2
C1601	1-108-626-11	MYLAR	0.01MF	10%	100V	D552	8-719-109-93	DIODE RD6.2ES-B2
C1602	1-108-626-11	MYLAR	0.01MF	10%	100V	D553	8-719-911-19	DIODE 1SS119
C1603	1-108-626-11	MYLAR	0.01MF	10%	100V	D554	8-719-109-89	DIODE RD5.6ES-B2
C1604	1-108-626-11	MYLAR	0.01MF	10%	100V	D555	8-719-300-76	DIODE RH-1A
C1605	1-123-381-00	ELECT	2.2MF	20%	50V			<IC>
C1606	1-124-360-00	ELECT	1000MF	20%	16V	IC501	8-759-982-26	IC RC78L12A
C1607	1-136-162-00	FILM	0.056MF	5%	50V	IC503	8-759-982-26	IC RC78L12A
						IC1501	8-759-100-60	IC UPC1377C
						IC1502	8-759-981-95	IC RC4558S
						IC1503	8-759-981-95	IC RC4558S
<CONNECTOR>								
D1	*1-508-766-00 PIN, CONNECTOR (5MM PITCH) 4P							

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RM-668**HD U HCK K**

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK		
	*1-621-541-11	HD BOARD *****		U4	*1-566-057-11	PIN, CONNECTOR 5P			
		<SWITCH>				*****			
S996	1-570-145-11	SWITCH, SLIDE							
S997	1-570-145-11	SWITCH, SLIDE							

	*1-633-571-11	U BOARD *****		C982	1-130-729-00	FILM	0.0027MF 5% 50V		
		<CAPACITOR>		C983	1-130-734-00	FILM	0.0068MF 5% 50V		
				C984	1-130-483-00	MYLAR	0.01MF 5% 50V		
				C985	1-126-157-11	ELECT	10MF 20% 16V		
				C986	1-123-356-00	ELECT	10MF 20% 25V		

		<CAPACITOR>							
C1842	1-101-888-00	CERAMIC	68PF	5%	50V		<DIODE>		
C1843	1-102-816-00	CERAMIC	120PF	5%	50V	D971	8-719-109-85 DIODE RD5.1ES-B2		
C1844	1-124-631-11	ELECT	47MF	20%	16V				
C1845	1-124-477-11	ELECT	47MF	20%	16V				
C1846	1-101-004-00	CERAMIC	0.01MF		50V				
C1847	1-124-477-11	ELECT	47MF	20%	16V		<CONNECTOR>		
C1848	1-101-004-00	CERAMIC	0.01MF		50V	HC1	*1-566-057-11 PIN, CONNECTOR 5P		
		<DIODE>		HC2	*1-566-056-11 PIN, CONNECTOR 4P				
D1793	8-719-109-85	DIODE RD5.1ES-B2		HC3	*1-566-054-11 PIN, CONNECTOR 2P				
		<IC>		HC4	*1-566-054-11 PIN, CONNECTOR 2P				
IC1779	8-759-240-82	IC TC4082BP							
		<IC>		IC985	8-759-933-23 IC BA236				
L1771	1-408-406-00	INDUCTOR	5.6UH						
L1772	1-408-409-00	INDUCTOR	10UH						
		<COIL>		R982	1-249-429-11	CARBON	10K 5% 1/4W		
				R983	1-249-417-11	CARBON	1K 5% 1/4W		
		<TRANSISTOR>		R984	1-249-429-11	CARBON	10K 5% 1/4W		
Q1897	8-729-119-78	TRANSISTOR 2SC2785-HFE		R985	1-249-417-11	CARBON	1K 5% 1/4W		
Q1898	8-729-119-76	TRANSISTOR 2SA1175-HFE		R986	1-249-429-11	CARBON	10K 5% 1/4W		
Q1899	8-729-900-36	TRANSISTOR DTC124ES							
				R988	1-249-405-11	CARBON	100 5% 1/4W		
		<RESISTOR>		R989	1-249-417-11	CARBON	1K 5% 1/4W		
R2812	1-249-406-11	CARBON	120	5%	1/4W	R990	1-249-432-11	CARBON	18K 5% 1/4W
R2813	1-249-411-11	CARBON	330	5%	1/4W	R991	1-249-408-11	CARBON	180 5% 1/4W
R2814	1-249-418-11	CARBON	1.2K	5%	1/4W	R992	1-249-427-11	CARBON	6.8K 5% 1/4W
R2815	1-249-417-11	CARBON	1K	5%	1/4W	R993	1-249-418-11	CARBON	1.2K 5% 1/4W
R2816	1-249-430-11	CARBON	12K	5%	1/4W	R994	1-249-420-11	CARBON	1.8K 5% 1/4W
R2817	1-249-419-11	CARBON	1.5K	5%	1/4W				
R2818	1-249-430-11	CARBON	12K	5%	1/4W				
R2819	1-249-433-11	CARBON	22K	5%	1/4W				
R2820	1-249-431-11	CARBON	15K	5%	1/4W				
R2821	1-249-421-11	CARBON	2.2K	5%	1/4W				
R2822	1-249-433-11	CARBON	22K	5%	1/4W				
R2823	1-249-431-11	CARBON	15K	5%	1/4W				
R2824	1-249-441-11	CARBON	100K	5%	1/4W				
R2825	1-249-419-11	CARBON	1.5K	5%	1/4W				
R2826	1-249-411-11	CARBON	330	5%	1/4W				
		<CONNECTOR>							
U1	*1-566-055-11	PIN, CONNECTOR 3P							
U2	*1-566-055-11	PIN, CONNECTOR 3P							
U3	*1-566-054-11	PIN, CONNECTOR 2P							
		<CAPACITOR>							
				C201	1-123-379-00	ELECT	0.47MF 20% 50V		
				C202	1-123-379-00	ELECT	0.47MF 20% 50V		
				C203	1-124-477-11	ELECT	47MF 20% 16V		

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

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK				
R1501	1-249-411-11	CARBON	330 5% 1/4W	R1577	1-249-425-11	CARBON	4.7K 5% 1/4W				
R1502	1-247-723-11	CARBON	6.8K 5% 1/4W	R1578	1-202-723-00	SOLID	2.2M 10% 1/2W				
R1503	1-249-405-11	CARBON	100 5% 1/4W	R1579	1-247-718-11	CARBON	2.7K 5% 1/4W				
R1504	1-249-435-11	CARBON	33K 5% 1/4W	R1580	1-249-439-11	CARBON	68K 5% 1/4W				
R1505	1-249-436-11	CARBON	39K 5% 1/4W	R1581	1-249-441-11	CARBON	100K 5% 1/4W				
R1506	1-247-894-11	CARBON	430K 5% 1/4W	R1582	1-249-429-11	CARBON	10K 5% 1/4W				
R1507	1-249-462-11	CARBON	22K 5% 1/4W	R1583	1-249-427-11	CARBON	6.8K 5% 1/4W				
R1508	1-249-429-11	CARBON	10K 5% 1/4W	R1584	1-249-421-11	CARBON	2.2K 5% 1/4W				
R1509	1-249-405-11	CARBON	100 5% 1/4W	R1585	1-247-713-11	CARBON	1K 5% 1/4W				
R1510	1-249-433-11	CARBON	22K 5% 1/4W	R1588	1-215-871-11	METAL OXIDE	2.2K 5% 1W F				
R1511	1-247-881-00	CARBON	120K 5% 1/4W	R1589	1-247-726-11	CARBON	33K 5% 1/4W				
R1512	1-249-440-11	CARBON	82K 5% 1/4W	R1590	1-247-726-11	CARBON	33K 5% 1/4W				
R1513	1-249-425-11	CARBON	4.7K 5% 1/4W	R1592	1-214-779-00	METAL	120K 1% 1/4W				
R1514	1-247-868-11	CARBON	36K 5% 1/4W	R1593	1-214-781-00	METAL	150K 1% 1/4W				
R1516	1-249-430-11	CARBON	12K 5% 1/4W	R1594	1-247-722-11	CARBON	5.6K 5% 1/4W				
R1518	1-249-429-11	CARBON	10K 5% 1/4W	R1595	1-214-777-00	METAL	100K 1% 1/4W				
R1520	1-249-435-11	CARBON	33K 5% 1/4W	R1597	1-214-752-00	METAL	9.1K 1% 1/4W				
R1521	1-247-701-11	CARBON	120 5% 1/4W	R1598	1-214-749-00	METAL	6.8K 1% 1/4W				
R1525	1-247-723-11	CARBON	6.8K 5% 1/4W	R1599	1-247-883-00	CARBON	150K 5% 1/4W				
R1530	1-247-700-11	CARBON	100 5% 1/4W	R1600	1-249-405-11	CARBON	100 5% 1/4W				
R1531	1-247-713-11	CARBON	1K 5% 1/4W F	R1601	1-246-531-00	CARBON	270K 5% 1/4W				
R1532	1-215-922-11	METAL OXIDE	6.8K 5% 3W F	R1602	1-247-887-00	CARBON	220K 5% 1/4W				
R1532A	1-215-922-11	METAL OXIDE	6.8K 5% 3W F	R1603	1-247-725-11	CARBON	10K 5% 1/4W				
R1533	1-247-721-11	CARBON	4.7K 5% 1/4W F	R1604	1-247-725-11	CARBON	10K 5% 1/4W				
R1534	1-215-918-00	METAL OXIDE	1.5K 5% 3W F	R1605	1-247-725-11	CARBON	10K 5% 1/4W				
R1534A	1-216-482-11	METAL OXIDE	1.8K 5% 3W F	R1606	1-247-725-11	CARBON	10K 5% 1/4W				
R1535	1-216-388-11	METAL OXIDE	0.82 5% 3W F	R1607	1-247-725-11	CARBON	10K 5% 1/4W				
R1536	1-247-697-11	CARBON	56 5% 1/4W F	R1608	1-249-469-11	CARBON	100K 5% 1/4W				
R1537	1-249-385-11	CARBON	2.2 5% 1/4W F	R1609	1-249-433-11	CARBON	22K 5% 1/4W				
R1538	1-249-385-11	CARBON	2.2 5% 1/4W F	R1610	1-247-725-11	CARBON	10K 5% 1/4W				
R1539	1-216-434-11	METAL OXIDE	1.8K 5% 1W F	R1611	1-249-433-11	CARBON	22K 5% 1/4W				
R1541	1-215-915-11	METAL OXIDE	470 5% 3W F	R1612	1-249-422-11	CARBON	2.7K 5% 1/4W				
R1541A	1-216-479-11	METAL OXIDE	560 5% 3W F	R1613	1-249-451-11	CARBON	2.2 5% 1/4W F				
R1542	1-215-880-00	METAL OXIDE	10 5% 2W F	R1614	1-247-700-11	CARBON	100 5% 1/4W				
R1543	1-215-869-11	METAL OXIDE	1K 5% 1W F	R1617	1-249-469-11	CARBON	100K 5% 1/4W				
R1544	1-216-448-11	METAL OXIDE	39 5% 2W F	<VARIABLE RESISTOR>							
R1545	1-247-693-11	CARBON	27 5% 1/4W	RV501	1-228-717-00	RES, ADJ, CERAMIC	CARBON 220				
R1546	1-216-371-00	METAL OXIDE	1.5 5% 2W F	RV503	1-228-727-00	RES, ADJ, CERAMIC	CARBON 47K				
R1547	1-247-697-11	CARBON	56 5% 1/4W F	RV1501	1-228-723-00	RES, ADJ, CERAMIC	CARBON 4.7K				
R1548	1-249-382-11	CARBON	1.2 5% 1/4W F	RV1503	1-228-720-00	RES, ADJ, CERAMIC	CARBON 1K				
R1549	1-249-382-11	CARBON	1.2 5% 1/4W F	RV1505	1-228-720-00	RES, ADJ, CERAMIC	CARBON 1K				
R1552	1-247-725-11	CARBON	10K 5% 1/4W F	RV1506	1-228-727-00	RES, ADJ, CERAMIC	CARBON 47K				
R1553	1-249-425-11	CARBON	4.7K 5% 1/4W F	RV1510	1-228-720-00	RES, ADJ, CERAMIC	CARBON 1K				
R1554	1-247-705-11	CARBON	270 5% 1/4W F	RV1511	1-228-729-00	RES, ADJ, CERAMIC	CARBON 220K				
R1555	1-249-465-11	CARBON	47K 5% 1/4W F	<SPARK GAP>							
R1556	1-249-425-11	CARBON	4.7K 5% 1/4W F	SG1501	1-519-063-99	DISCHARGING GAP					
R1557	1-249-429-11	CARBON	10K 5% 1/4W F	<TRANSFORMER>							
R1558	1-249-425-11	CARBON	4.7K 5% 1/4W F	T1501	1-437-089-11	TRANSFORMER, HORIZONTAL DRIVE					
R1559	1-249-417-11	CARBON	1K 5% 1/4W F	T1502	1-437-089-00	TRANSFORMER, HORIZONTAL DRIVE					
R1560	1-247-862-11	CARBON	20K 5% 1/4W F	T1503	1-439-356-11	HOT					
R1561	1-214-746-00	METAL	5.1K 1% 1/4W F	T1513	1-421-388-11	LOT					
R1562	1-247-713-11	CARBON	1K 5% 1/4W F	<THERMISTOR>							
R1563	1-249-422-11	CARBON	2.7K 5% 1/4W F	TH501	1-800-070-99	THERMISTOR TH-4700					
R1564	1-249-405-11	CARBON	100 5% 1/4W F	*****							
R1565	1-249-462-11	CARBON	22K 5% 1/4W F	R1573	1-249-382-11	CARBON					
R1566	1-249-439-11	CARBON	68K 5% 1/4W F	R1574	1-216-424-11	METAL OXIDE					
R1567	1-249-435-11	CARBON	33K 5% 1/4W F	R1575	1-249-382-11	CARBON					
R1568	1-247-713-11	CARBON	1K 5% 1/4W F	R1576	1-215-869-11	METAL OXIDE					
R1571	1-249-382-11	CARBON	1.2 5% 1/4W F								
R1572	1-249-448-11	CARBON	1.2 5% 1/4W F								
R1573	1-249-382-11	CARBON	1.2 5% 1/4W F								
R1574	1-216-424-11	METAL OXIDE	39 5% 1W F								
R1575	1-249-382-11	CARBON	1.2 5% 1/4W F								
R1576	1-215-869-11	METAL OXIDE	1K 5% 1W F								



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
<COIL>										
C204	1-124-477-11	ELECT	47MF	20%	16V	L201	1-408-424-00	INDUCTOR	180UH	
C205	1-130-496-00	MYLAR	0.12MF	5%	50V					
C206	1-102-125-00	CERAMIC	0.0047MF	10%	50V					
C207	1-102-125-00	CERAMIC	0.0047MF	10%	50V					
C208	1-130-496-00	MYLAR	0.12MF	5%	50V					
<TRANSISTOR>										
C209	1-123-369-00	ELECT	4.7MF	20%	25V	Q201	8-729-178-55	TRANSISTOR	2SC2785-E	
C210	1-123-369-00	ELECT	4.7MF	20%	25V	Q204	8-729-178-55	TRANSISTOR	2SC2785-E	
C211	1-123-369-00	ELECT	4.7MF	20%	25V	Q205	8-729-178-55	TRANSISTOR	2SC2785-E	
C212	1-123-369-00	ELECT	4.7MF	20%	25V	Q206	8-729-119-76	TRANSISTOR	2SA1175-HFE	
C213	1-124-120-11	ELECT	220MF	20%	16V	Q209	8-729-119-76	TRANSISTOR	2SA1175-HFE	
C218	1-124-360-00	ELECT	1000MF	20%	16V	Q211	8-729-140-96	TRANSISTOR	2SD774-34	
C219	1-126-101-11	ELECT	100MF	20%	16V					
C220	1-123-379-00	ELECT	0.47MF	20%	50V					
C221	1-123-379-00	ELECT	0.47MF	20%	50V					
C222	1-162-283-31	CERAMIC	120PF	10%	50V					
C223	1-162-283-31	CERAMIC	120PF	10%	50V	R201	1-249-441-11	CARBON	100K 5%	1/4W
C224	1-124-963-11	ELECT	33MF	20%	16V	R202	1-249-441-11	CARBON	100K 5%	1/4W
C225	1-124-477-11	ELECT	47MF	20%	16V	R203	1-249-419-11	CARBON	1.5K 5%	1/4W
C227	1-108-816-11	MYLAR	0.1MF	5%	50V	R204	1-249-429-11	CARBON	10K 5%	1/4W
C228	1-123-379-00	ELECT	0.47MF	20%	50V	R205	1-249-430-11	CARBON	12K 5%	1/4W
C229	1-123-379-00	ELECT	0.47MF	20%	50V	R206	1-249-430-11	CARBON	12K 5%	1/4W
C230	1-162-283-31	CERAMIC	120PF	10%	50V	R207	1-249-419-11	CARBON	1.5K 5%	1/4W
C231	1-162-283-31	CERAMIC	120PF	10%	50V	R208	1-249-419-11	CARBON	1.5K 5%	1/4W
C232	1-124-963-11	ELECT	33MF	20%	16V	R211	1-249-420-11	CARBON	1.8K 5%	1/4W
C233	1-124-477-11	ELECT	47MF	20%	16V	R221	1-249-403-11	CARBON	68 5%	1/4W F
C235	1-108-816-11	MYLAR	0.1MF	5%	50V	R222	1-249-429-11	CARBON	10K 5%	1/4W
C236	1-124-471-00	ELECT	1000MF	20%	6.3V	R223	1-249-432-11	CARBON	18K 5%	1/4W
C237	1-102-074-00	CERAMIC	0.001MF	10%	50V	R224	1-249-437-11	CARBON	47K 5%	1/4W
C238	1-102-074-00	CERAMIC	0.001MF	10%	50V	R225	1-249-409-11	CARBON	220 5%	1/4W
C239	1-101-006-00	CERAMIC	0.047MF		50V	R227	1-249-430-11	CARBON	12K 5%	1/4W
C240	1-101-006-00	CERAMIC	0.047MF		50V	R228	1-249-390-11	CARBON	5.6 5%	1/4W F
C241	1-101-006-00	CERAMIC	0.047MF		50V	R229	1-249-429-11	CARBON	10K 5%	1/4W
C242	1-125-296-00	ELECT(BLOCK)	4700MF		35V	R230	1-249-432-11	CARBON	18K 5%	1/4W
C243	1-125-296-00	ELECT(BLOCK)	4700MF		35V	R231	1-249-437-11	CARBON	47K 5%	1/4W
C244	1-124-477-11	ELECT	47MF	20%	16V	R232	1-249-409-11	CARBON	220 5%	1/4W
C246	1-123-356-00	ELECT	10MF	20%	16V	R234	1-249-430-11	CARBON	12K 5%	1/4W
C251	1-123-356-00	ELECT	10MF	20%	25V	R235	1-249-390-11	CARBON	5.6 5%	1/4W F
C252	1-123-875-11	ELECT	10MF	20%	50V	R236	1-249-429-11	CARBON	10K 5%	1/4W
C253	1-123-875-11	ELECT	10MF	20%	50V	R237	1-249-429-11	CARBON	10K 5%	1/4W
						R238	1-249-423-11	CARBON	3.3K 5%	1/4W
<DIODE>										
D201	8-719-109-93	DIODE	RD6.2ES-B2			R239	1-249-437-11	CARBON	47K 5%	1/4W
D202	8-719-911-19	DIODE	ISS119			R240	1-249-430-11	CARBON	12K 5%	1/4W
D203	8-719-110-36	DIODE	RD13ES-B2			R241	1-249-441-11	CARBON	100K 5%	1/4W
D204	8-719-110-36	DIODE	RD13ES-B2			R242	1-249-429-11	CARBON	10K 5%	1/4W
						R243	1-249-417-11	CARBON	1K 5%	1/4W
<IC>										
IC201	8-759-276-30	IC	TA7630P			R244	1-249-417-11	CARBON	1K 5%	1/4W
IC204	8-759-111-88	IC	UPC1188H			R245	1-249-417-11	CARBON	1K 5%	1/4W
IC205	8-759-111-88	IC	UPC1188H			R246	1-249-417-11	CARBON	1K 5%	1/4W
						R257	1-249-423-11	CARBON	3.3K 5%	1/4W
<CONNECTOR>										
K1	*1-566-057-11	PIN, CONNECTOR	5P			R280	1-249-449-11	CARBON	1.5 5%	1/4W
K2	*1-508-767-00	PIN, CONNECTOR (5MM PITCH)	5P							
K3	*1-566-056-11	PIN, CONNECTOR	4P							
K4	*1-566-054-11	PIN, CONNECTOR	2P							
K5	*1-508-765-00	PIN, CONNECTOR (5MM PITCH)	3P							
K7	*1-566-054-11	PIN, CONNECTOR	2P							
*9-992-247-01 HA BOARD (KEY BOARD UNIT A)										

<DIODE>										
D905	8-719-911-19	DIODE	ISS119			D905	8-719-911-19	DIODE	ISS119	
D906	8-719-911-19	DIODE	ISS119			D906	8-719-911-19	DIODE	ISS119	
D907	8-719-911-19	DIODE	ISS119			D907	8-719-911-19	DIODE	ISS119	
D908	8-719-911-19	DIODE	ISS119			D908	8-719-911-19	DIODE	ISS119	
D909	8-719-911-19	DIODE	ISS119			D909	8-719-911-19	DIODE	ISS119	
D910	8-719-911-19	DIODE	ISS119			D910	8-719-911-19	DIODE	ISS119	
D911	9-990-893-01	LED	TLY263P			D911	9-990-893-01	LED	TLY263P	

PVM-2730QM
RM-668**HA HB N**

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK					
D912	9-990-893-01	LED TLY263P		D945	8-719-911-19	DIODE ISS119						
D913	9-990-893-01	LED TLY263P		D946	8-719-911-19	DIODE ISS119						
D914	9-990-893-01	LED TLY263P		D947	8-719-911-19	DIODE ISS119						
D915	9-990-893-01	LED TLY263P		D948	9-990-901-01	LED TLS263P						
D916	9-990-893-01	LED TLY263P		D949	9-990-901-01	LED TLS263P						
D917	9-990-893-01	LED TLY263P		D950	9-990-893-01	LED TLY263P						
D918	9-990-893-01	LED TLY263P		D951	9-990-893-01	LED TLY263P						
D919	9-990-893-01	LED TLY263P		D952	9-990-893-01	LED TLY263P						
D920	9-990-893-01	LED TLY263P		D953	9-990-893-01	LED TLY263P						
D921	9-990-893-01	LED TLY263P		D954	9-990-893-01	LED TLY263P						
D922	9-990-893-01	LED TLY263P		D955	9-990-893-01	LED TLY263P						
D923	9-990-893-01	LED TLY263P		D956	9-990-893-01	LED TLY263P						
D924	9-990-893-01	LED TLY263P		D957	9-990-893-01	LED TLY263P						
D925	9-990-893-01	LED TLY263P		D958	9-990-893-01	LED TLY263P						
D926	9-990-893-01	LED TLY263P		D959	9-990-893-01	LED TLY263P						
D927	9-990-893-01	LED TLY263P		D960	9-990-893-01	LED TLY263P						
D928	9-990-893-01	LED TLY263P		D961	9-990-893-01	LED TLY263P						
D929	9-990-893-01	LED TLY263P		D962	9-990-893-01	LED TLY263P						
D930	9-990-893-01	LED TLY263P		D963	9-990-893-01	LED TLY263P						
D931	9-990-893-01	LED TLY263P		D964	9-990-893-01	LED TLS263P						
<RESISTOR>						D965 9-990-893-01 LED TLY263P						
D968	9-990-901-01	LED TLS263P		<RESISTOR>								
R905	1-247-700-11	CARBON	100	5%	1/4W	R940	1-247-703-11	CARBON	180	5%	1/4W	
R906	1-247-704-11	CARBON	220	5%	1/4W	R941	1-247-700-11	CARBON	100	5%	1/4W	
R907	1-247-700-11	CARBON	100	5%	1/4W	R942	1-247-704-11	CARBON	220	5%	1/4W	
R908	1-247-704-11	CARBON	220	5%	1/4W	R943	1-247-700-11	CARBON	100	5%	1/4W	
R909	1-247-700-11	CARBON	100	5%	1/4W	R944	1-247-704-11	CARBON	220	5%	1/4W	
R910	1-247-704-11	CARBON	220	5%	1/4W	R945	1-247-700-11	CARBON	100	5%	1/4W	
R911	1-247-700-11	CARBON	100	5%	1/4W	R946	1-247-700-11	CARBON	100	5%	1/4W	
R912	1-247-704-11	CARBON	220	5%	1/4W	R947	1-247-700-11	CARBON	100	5%	1/4W	
R913	1-247-700-11	CARBON	100	5%	1/4W	R948	1-247-700-11	CARBON	100	5%	1/4W	
R914	1-247-704-11	CARBON	220	5%	1/4W	R949	1-247-700-11	CARBON	100	5%	1/4W	
R915	1-247-700-11	CARBON	100	5%	1/4W	R950	1-247-700-11	CARBON	100	5%	1/4W	
R916	1-247-704-11	CARBON	220	5%	1/4W	R951	1-247-700-11	CARBON	100	5%	1/4W	
R917	1-247-704-11	CARBON	220	5%	1/4W	<SWITCH>						
R918	1-247-704-11	CARBON	220	5%	1/4W	S940	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
R919	1-247-704-11	CARBON	220	5%	1/4W	S941	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
<SWITCH>						S942	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
S905	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				S943	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
S906	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				S944	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
S907	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				S945	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
S908	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				S946	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
S909	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				S947	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
S910	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				S948	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
S911	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				S949	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
S912	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				<SWITCH>						
S913	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				S940	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
S914	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				S941	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
S915	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				S942	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
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*****						S949	1-553-766-00	MT SWITCH (KEY BOARD SWITCH)				
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The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION	REMARK
MISCELLANEOUS			

	Δ 1-230-712-22	RESISTOR ASSY, HIGH-VOLTAGE	
	Δ 1-426-278-22	COIL, DEMAGNETIZATION	
	Δ 1-451-255-23	DEFLECTION YOKE (Y27FXA)	
	1-452-032-00	MAGNET, DISK; 10MM ϕ	
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM ϕ	
	1-452-146-21	MAGNET, BMC	
	Δ 1-452-351-22	NECK ASSY, PICTURE TUBE (NA302)	
	1-464-792-11	KEY BOARD UNIT (A)	
	1-464-793-11	KEY BOARD UNIT (B)	
	Δ 1-534-820-13	POWER CORD (AEP, AUS ONLY)	
	1-559-409-11	CORD POWER (WG ONLY)	
	*1-941-403-25	CONNECTOR ASSY, MICRO 13P	
	*1-941-403-26	CONNECTOR ASSY, MICRO 9P	
	*1-941-403-27	CONNECTOR ASSY, MICRO 7P	
S1901	1-554-966-12	SWITCH, PUSH (AC POWER) (1 KEY)	
T1691	Δ 1-439-339-14	TRANSFORMER ASSY, FLYBACK	
V901	Δ 8-736-652-05	PICTURE TUBE (A64JKJ10X) (AEP, WG ONLY)	
	Δ 8-736-654-05	PICTURE TUBE (A64JKJ10X) (AUS ONLY)	

ACCESORIES AND PACKING MATERIALS		

PART NO.	DESCRIPTION	REMARK
A-1470-789-A	COMMANDER ASSY (RM-668)	
*4-371-192-01	CUSHION (FRONT)	
*4-382-051-01	CUSHION (LOWER) (ASSY)	
*4-382-053-01	CUSHION (UPPER) (ASSY)	
4-482-400-11	MANUAL, INSTRUCTION	
*4-384-027-01	BAG, PROTECTION	
*4-385-601-01	INDIVIDUAL CARTON	

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