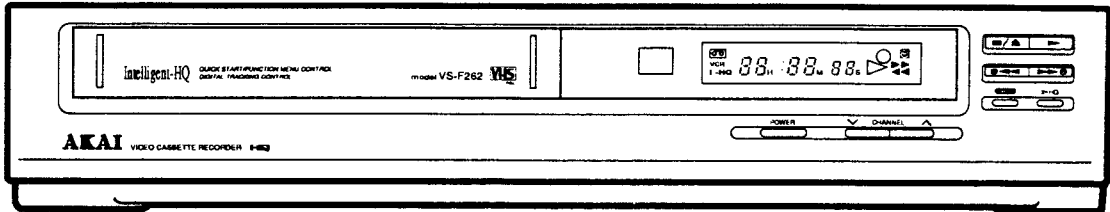


AKAI SERVICE MANUAL



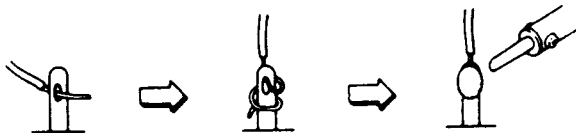
VIDEO CASSETTE RECORDER

- MODEL **VS-F260**^{EA/EDG/EK/EM/EO/EOH/ES}
- MODEL **VS-F261**^{EA}
- MODEL **VS-F262**^{EA}
- MODEL **VS-F265**^{EOH}
- MODEL **VS-F270**^{EOG}
- MODEL **VS-F275**^{EOH}
- MODEL **VS-F280**^{EK/EO/EOG-V/EOH}
- MODEL **VS-F290**^{EOH}

★ SAFETY INSTRUCTIONS

PRECAUTIONS DURING SERVICING

1. Parts identified by the Δ (*) symbol are critical for safety. Replace them only with the parts number specified.
2. In addition to safety, other parts and assemblies are specified for conformance with such regulations as those applying to spurious radiation. These must also be replaced only with the specified replacements.
Examples: RF converters, tuner units, antenna selector switches, RF cables, noise blocking capacitors, noise blocking filters, etc.
3. Use specified internal wiring. Note especially:
 - 1) Wires covered with PVC tubing
 - 2) Double insulated wires
 - 3) High voltage leads
4. Use specified insulating materials for hazardous live parts. Note especially:
 - 1) Insulation Tape
 - 2) PVC tubing
 - 3) Spacers (insulating barriers)
 - 4) Insulation sheets for transistors
 - 5) Plastic screws for fixing micro switches
5. When replacing AC primary side components (transformers, power cords, noise blocking capacitors, etc.), wrap the ends of the wires securely around the terminals before soldering.



6. Make sure that wires do not contact heat producing parts (heat sinks, oxide metal film resistors, fusible resistors, etc.).
7. Check that replaced wires do not contact sharp edged or pointed parts.
8. Also check areas surrounding repaired locations.
9. Make sure that foreign objects (screws, solder drops, etc.) do not remain inside the set.

SAFETY CHECK AFTER SERVICING

After servicing, make measurements of leakage-current or resistance in order to determine that exposed parts are acceptably insulated from the supply circuit.

The leakage-current measurement should be done between accessible metal parts (such as chassis, ground terminal, microphone jacks, signal input/output connectors, etc.) and the earth ground through a resistor of 1500 ohms paralleled with a 0.15 μ F capacitor, under the unit's normal working conditions.

The leakage-current should be less than 0.5 mA rms AC. The resistance measurement should be done between accessible exposed metal parts and power cord plug prongs with the power switch (if included) "ON". The resistance should be more than 2.2 M ohms.

MAKE YOUR CONTRIBUTION TO PROTECT THE ENVIRONMENT

Used batteries with the ISO symbol for recycling as well as small accumulators (rechargeable batteries), mini-batteries (cells) and starter batteries should not be thrown into the garbage can.



Please leave them at an appropriate depot. All other household batteries can be thrown out with the household waste.

TO PROTECT THE POWER SUPPLY CIRCUIT

Do not turn on the power while the flat cable in the power BLK is disconnected, as this will damage the power circuit.

Make sure that the flat cable is connected before turning on the power.

★ SPECIFICATIONS

Format		EM	PAL, SECAM (MESECAM tape)
EA/EK/ES	VHS standard		NTSC 4.43 (NTSC tape)
EDG/EM/EO/EOH/EOG/EOG-V	VHS standard (PAL, MESECAM)		Simulated PAL (NTSC tape playback only)
Video recording system	Rotary, slant azimuth two-head helical scan system	ES	PAL
Rotary heads	2 video heads		NTSC 4.43 (NTSC tape)
RF input			Simulated PAL (NTSC tape playback only)
EA	System B, G VHF ch 0 - 5, 5a, 6 - 11 UHF ch 21 - 69	Video	
EDG	System D, K VHF ch 1 - 12, UHF ch 21 - 69	Line input level	0.5 - 2.0 Vp-p/75 ohms, unbalanced
EK	System I UHF ch 21 - 69	Line output level	1.0 Vp-p/75 ohms, unbalanced
EM	System B, G (PAL, SECAM) VHF ch 2 - 12, UHF ch 21 - 69	S/N ratio	More than 45 dB
EO/EOG/EOG-V	System B, G (PAL, SECAM) VHF ch 2 - 4, 5 - 12, UHF ch 21 - 69	Horizontal resolution	More than 250 lines
EOH	System B, G (PAL, SECAM) VHF ch 2 - 4, 5 - 12, UHF ch 21 - 69	Audio	
ES	System I VHF ch A - J (Ireland) ch 4 - 13 (South Africa) UHF ch 21 - 69	Line input level	-6 dBs/50 k ohms, unbalanced
RF output		Line output level	-6 dBs/1 k ohms, unbalanced
EA	System B type modulation VHF ch 0, 1 switchable (preset ch 1)	S/N ratio	More than 40 dB
EDG	System K/G type modulation UHF ch 30 - 39 adjustable (preset ch 36)	Frequency response	70 - 10,000 Hz
EM	System B type modulation VHF ch 3,4 switchable (preset ch 4)	Recording/playback time ..	240 min. with E-240 cassette
EK/ES	System I type modulation UHF ch 30 - 39 adjustable (preset ch 36)	NTSC playback (EM/ES)	160 min. with T-160 cassette
EO/EOG/EOG-V/EOH	System G type modulation UHF ch 30 - 39 adjustable (preset ch 36)	Tape speed	23.39 mm/sec. NTSC playback (EM/ES) 33.35 mm/sec.
Recording (line input)		Quick finder	Approx. 9 times normal speed
EA/EK/ES	PAL	NTSC playback (EM/ES)	Approx. 7 times normal speed
EDG/EM/EO/EOG/EOG-V/EOH/	PAL, SECAM (recorded as MESECAM)	FF, REW time	Approx. 5 min. with E-180 cassette
Playback (line output)		Timer	8 programme /1 year
EA/EK	PAL	Clock reference	Quartz crystal
EDG/EO/EOG/EOG-V/EOH	PAL, SECAM (MESECAM Tape)	Display	TV screen & FL (Tape counter, Timer etc.)
		Power requirements	
		EA/EK	240 V AC, 50 Hz
		ES/EDG	220 V AC, 50 Hz
		EO/EOG/EOG-V/EOH	220-230 V AC, 50 Hz
		EM	110-127/220-240 V AC, 50/60 Hz
		Power consumption	
		EA/EK/EM/ES	36 W
		EDG/EO/EOG	37 W
		EOG-V/EOH	38 W
		Operating temperature	5°C - 40°C
		Dimensions	
		F260EA/EDG/EM/EOH/ES	
		F262EA, F275EOH	
		F280EK/EO/EOH	426(W) x 82(H) x 314(D) mm
		F260EK/EO, F261EA	
		F265EOH, F270EOG	
		F280EOG-V, F290EOH	425(W) x 82(H) x 313(D) mm
		Weight	5.0 kg
		Standard accessories	
		Antenna cable	1
		Remote control unit	1
		Batteries for remote control ..	2
		Operator's manual	1
		AC plug adaptor	1 [VS-F260EM (Y7) only]

0 dBs = 0.775 V

* For improvement purposes, specifications and design are subject to change without notice.

★ INFORMATION

SYMBOLS OF MODEL NAMES FOR PRIMARY DESTINATION

The symbols below indicate the destination of each unit.

Symbol	Power Classification	Principal Destination	TV System	
			Color	Broadcast
EA	S	Australia	PAL	B,G
ED	E	China	PAL	D
EDG	E	East Europe	PAL	D,K
EDI	E	China, Hong Kong	PAL	D,K, I
EG	E	Spain, Northern Europe, Other	PAL	B,G
	Y7	Saudi Arabia		
EK	B	U.K	PAL	I
	Y1	Hong Kong		
EM	E	Middle East	PAL	B,G
	Y7	Saudi Arabia		
EO	E	Holland, Switzerland, Northern Europe	PAL	B,G
	V	Italy		
EOH	E	Holland, Belgium	PAL	B,G
	V	Italy		
EOG	V	Germany	PAL	B,G
ES	E	South Africa, Ireland, Hong Kong	PAL	I
EV	E	South-East Asia	PAL	B,G
	U	Middle East, South -East Asia		
	Y1	New Zealand		
	Y7	Saudi Arabia		
EZ	S	New Zealand	PAL	B,G
EGN	E	Middle East	PAL,NTSC	B,G
	Y7	Saudi Arabia		
S	E	France	SECAM	L
SK	E	Latin America, Oceania, SECAM-OIRT	SECAM	K,K1
SEG	E	France, Switzerland	SECAM, PAL	L,B,G
U	A	U.S.A	NTSC	M
	C	Canada		
UM	U	Latin America	NTSC	M
J	J	Japan	NTSC	M

SAFETY LOCK SYSTEM

The play button on the VCR and remote control can be locked to prevent access by young children (this feature does not effect other functions of the VCR).

This feature can only be operated by the remote control.

To lock : Press and hold the remote control's stop button for approx. 8 seconds. As long as the play button is locked, safety lock indicator "L" will light on the FL display and "→○" will flash on the TV screen any time the play button is pressed.

To unlock : Press and hold the remote control's play button for approx. 8 seconds. If a tape is loaded, the safety lock indicator will disappear from the FL display and TV screen, and playback will begin automatically.

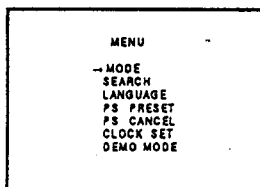
MULTI-FUNCTION MENU MODE

This is an on-screen display of the various modes you can programme via the TV screen.

- MODE : To select the AV MUTE and OSD modes.
- SEARCH : To select the BLANK SEARCH and INTRO SCAN modes.
- LANGUAGE : To select a language for the on-screen displays.
- PS PRESET : To preset TV stations.
- PS CANCEL : To cancel preset TV stations.
- CLOCK SET : To set the clock.
- DEMO MODE : To demonstrate some of the modes available on this VCR.

If necessary, refer to the respective sections in the operator's manual for detailed information.

1. Press the "MENU" button on the remote control unit.
The menu list screen will be displayed on the TV screen.
The arrow indicator is automatically set to the "MODE" position.



2. Select the desired mode by setting the arrow indicator to the appropriate position with cursor "∨" button.
The arrow indicator moves downwards each time the button is pressed. Pressing the cursor "∧" button will move the arrow indicator upwards.
3. Press the "OK" button.
The selected function screen will be displayed on the TV screen.

* Press the "MENU" button again to return to the normal screen.

MANUAL TRACKING/PICTURE/STABILITY ADJUSTMENT

The VCR can be adjusted for tracking and picture sharpness anytime it is in the playback mode with the remote control unit.

• Manual tracking control

Press the "<" or ">" cursor button repeatedly until the picture is clear. During manual tracking adjustment, the tracking position is shown on the TV screen, this will disappear automatically after adjustment has been completed. Use this function when performing the A/C HEAD phase adjustment.

• Picture sharpness control

Press the "∧" button repeatedly to sharpen the picture or press the "∨" button to soften the picture.

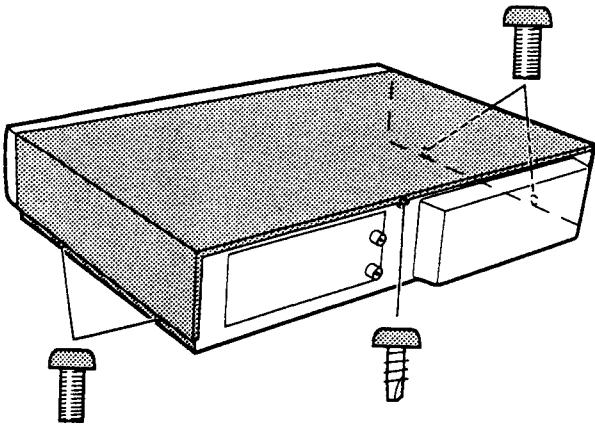
• Stability adjustment

- 1) To correct picture shake during the slow motion or still mode:
Press "∧" or "∨" cursor button until the picture shake is corrected.
- 2) To correct tracking during the still mode:
Press the "<" or ">" cursor button repeatedly until the picture is clear.

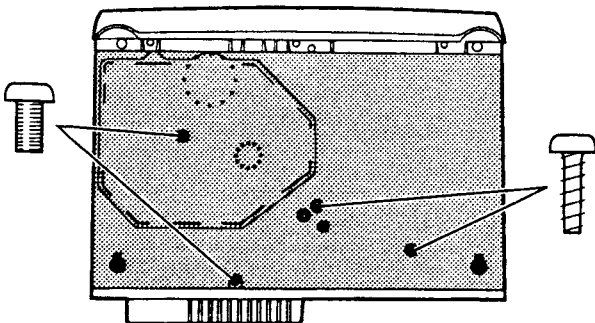
I. DISASSEMBLY

In case of trouble, etc. necessitating dismantling, please dismantle in the order shown in the illustrations. Reassemble in the reverse order. When reattaching the FRONT PANEL, hold the cassette loading slot door in the upright (open) position.

1. Removal of UPPER COVER

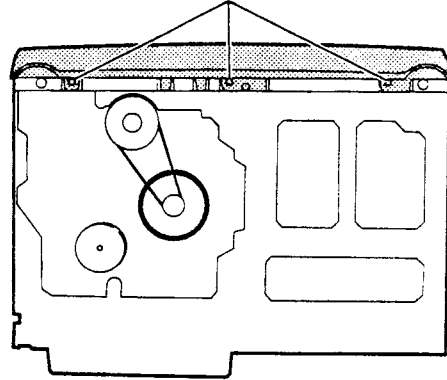


2. Removal of BOTTOM COVER

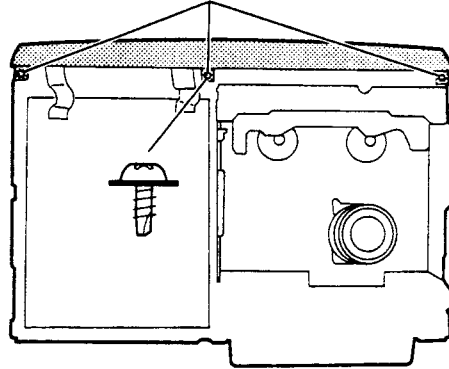


3. Removal of FRONT PANEL

Release the HOOKS

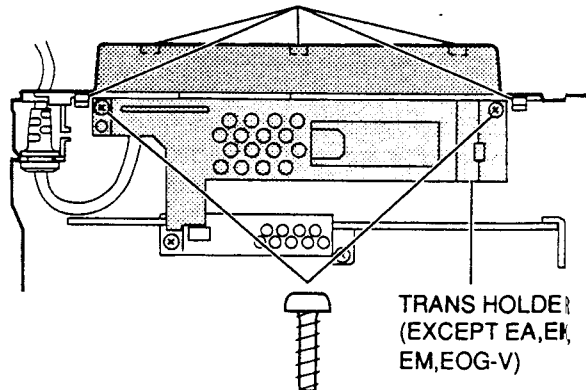


Release the HOOKS



4. Removal of TRANS COVER

Release the HOOKS



II. PRINCIPAL PARTS LOCATION

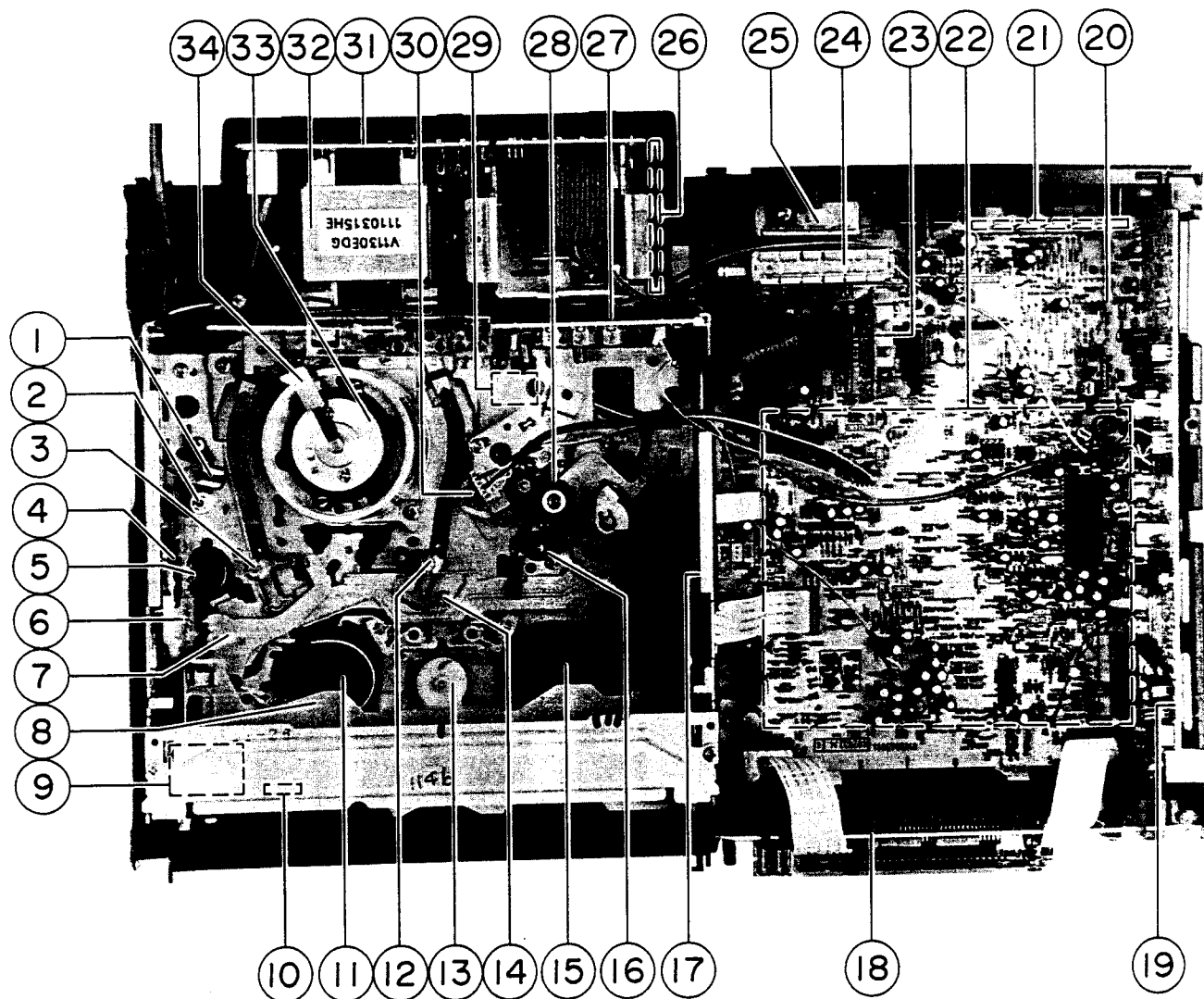


Fig. 2-1 Top view

- | | |
|--------------------------------|--|
| 1. FULL TRACK ERASE HEAD | 19. MAIN (B) PCB |
| 2. SUPPLY TAPE GUIDE | 20. MAIN (A) PCB |
| 3. SUPPLY LOADING LEADER | 21. SUB PCB (EM only) |
| 4. SENSOR (S) PCB (END SENSOR) | 22. VPS PCB (EOG only) |
| 5. FRONT LOADING GEAR | VPST PCB (EOG-V only) |
| 6. FRONT LOADING SLIDER | 23. VIF UNIT |
| 7. TENSION ARM | 24. TUNER UNIT |
| 8. CASSETTE LOAD BLK | 25. RF CONVERTOR UNIT |
| 9. LOADING MOTOR | 26. POWER SUPPLY (2) PCB (EM, EOG-V only) |
| 10. REC SAFETY SWITCH | 27. PRE AMP PCB |
| 11. SUPPLY REEL TABLE | 28. PINCH ROLLER |
| 12. TAKE UP LOADING LEADER | 29. DIODE PCB (EM, EO, EOH, EOG, EOG-V only) |
| 13. IDLER PART | 30. AUDIO/CONTROL/S.ERASE HEAD |
| 14. SENSOR LED | 31. POWER SUPPLY (1) PCB (EM, EOG-V only) |
| 15. TAKE UP REEL TABLE | POWER SUPPLY PCB (except EM, EOG-V) |
| 16. CAPSTAN MOTOR | 32. POWER TRANSFORMER |
| 17. SENSOR (T) (START SENSOR) | 33. VIDEO HEAD DRUM BLOCK |
| 18. OPERATION (A) PCB | 34. EARTH BRUSH |

*Photograph employed on this page is of model VS-F260EDG

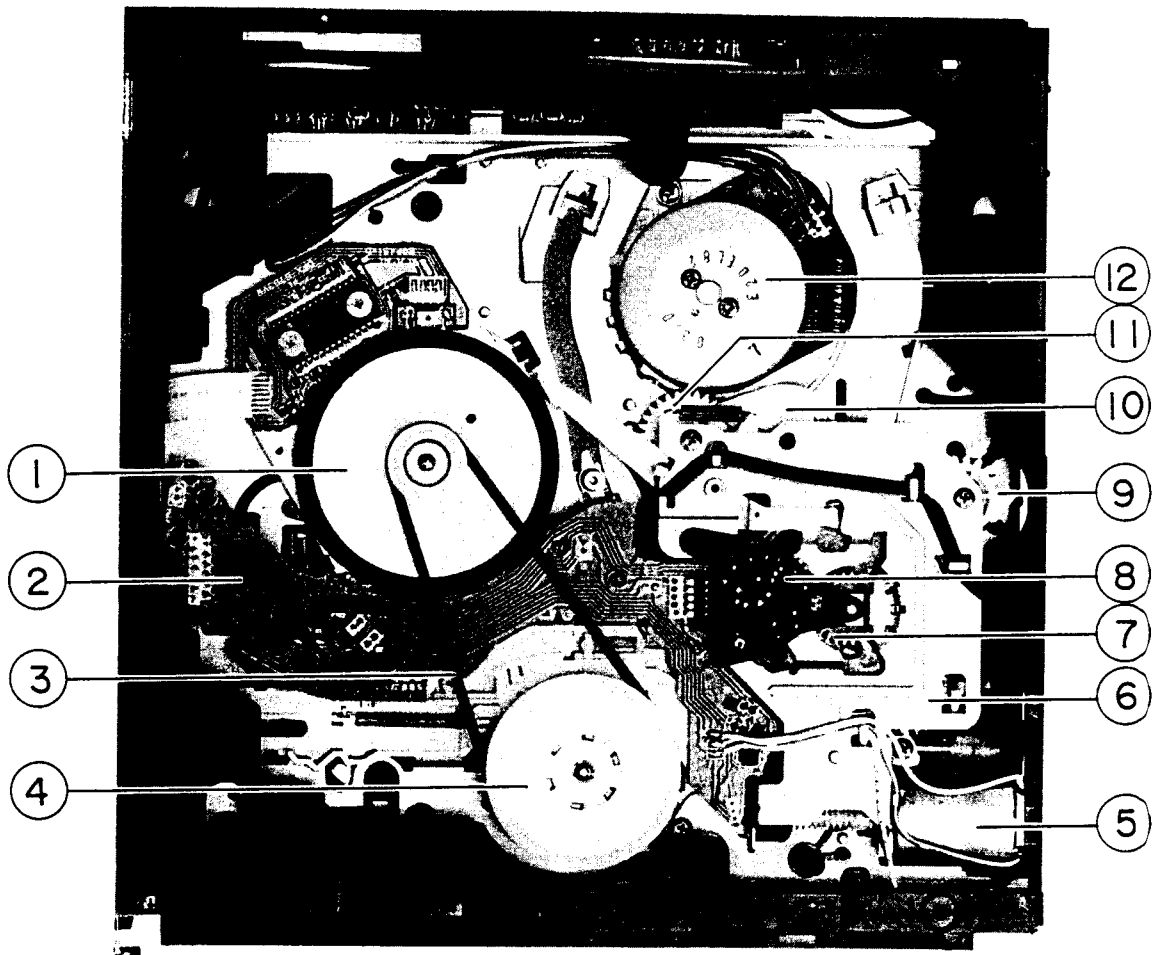


Fig. 2-2 Bottom view

- 1. CAPSTAN MOTOR BLOCK
- 2. SENSOR PCB
- 3. CAPSTAN BELT
- 4. CLUTCH DISK PART
- 5. LOADING MOTOR
- 6. LOADING DRIVE BLOCK

- 7. CAM SLIDER GEAR
- 8. MODE SELECT SWITCH
- 9. FRONT LOADING GEAR
- 10. TOGGLE (S) GEAR BLOCK
- 11. TOGGLE (T) GEAR BLOCK
- 12. DRUM MOTOR BLOCK

III. MAIN COMPONENTS REPLACEMENT

3-1. REMOVAL OF THE EJECTOR BLOCK

Set the loading mechanism to the "EJECT" position by pressing the EJECT button. Then disconnect the AC power plug from the AC socket before proceeding.

3-1-1. Removal of the CASSETTE LOAD BLK

- 1) Remove the two (A) screws on the UPPER PLATE, as shown in Fig. 3-1 then remove the UPPER PLATE.
- 2) Lift up the FRONT GUIDE while pushing the CASSETTE LOAD BLK backward, then remove the FRONT GUIDE.
- 3) Gently lift up the front side of the CASSETTE LOAD BLK, then remove it. To avoid damaging the pins of the CASSETTE LOAD BLK and the groove of the MECHA.FRAME, do not use excessive force when removing the CASSETTE LOAD BLK.

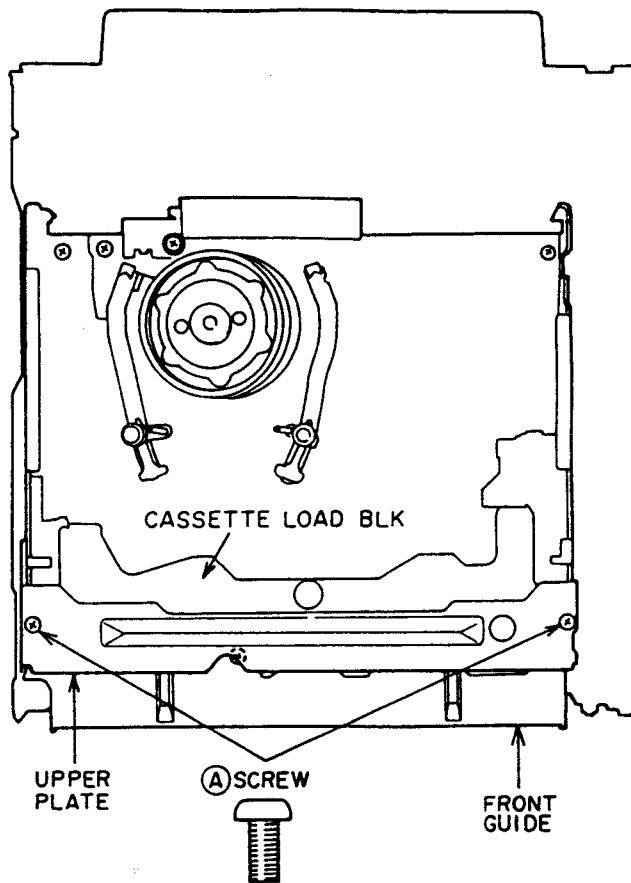


Fig. 3-1

3-1-2. Removal of the LOADING ARM BLK

- 1) Release the stopper on the right side end of the LOADING ARM BLK's shaft (Refer to Fig. 3-2) by pressing the stopper tab with a flat head (→) screwdriver. Then remove the shaft's right end from the bracket.

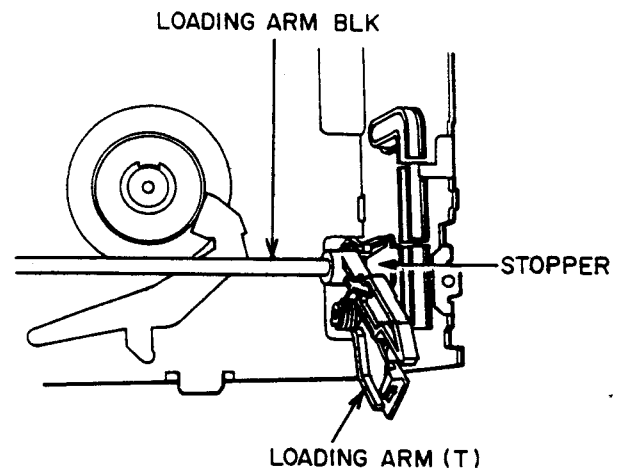


Fig. 3-2

- 2) Hold the LOADING ARM (T) and turn it 30 degrees clockwise, then pull out the shaft's left end from the bracket. Take special care when removing it to avoid damaging the JOINT and EJECT GEARS. (Refer Fig. 3-3)

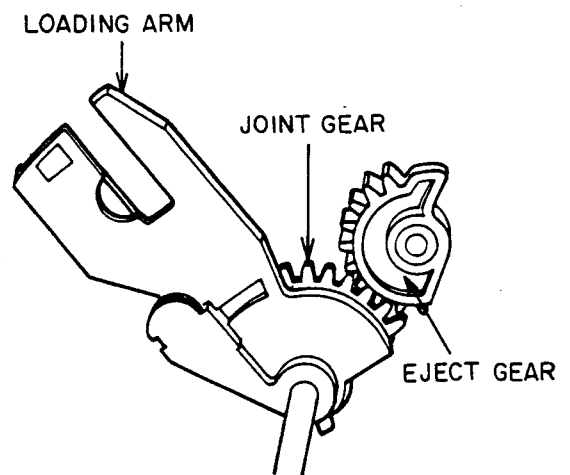


Fig. 3-3

3-2.REMOVAL OF THE SENSOR PC BOARD

* Before proceeding with removal of the SENSOR PCB, the loading mechanism must be set to the "unloaded" position (the position where the CAM SLIDER GEAR's groove mark is visible through the hole of the MODE SELECT SW.) as shown in Fig. 3-4.

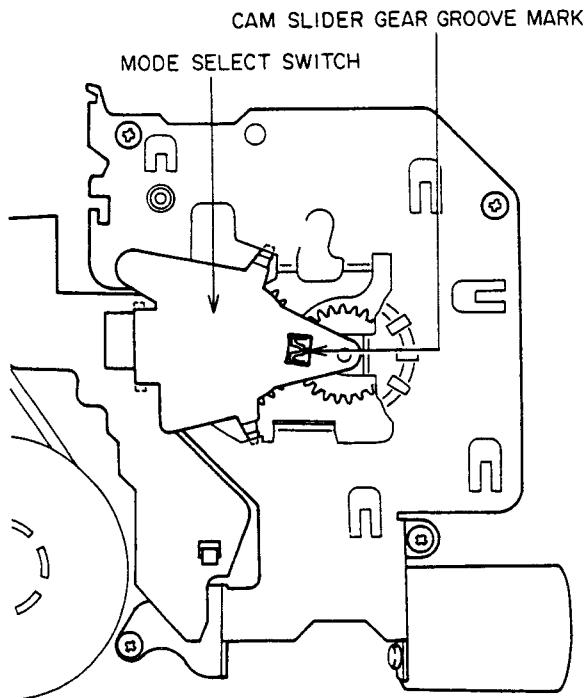


Fig. 3-4

To set the loading mechanism to the "unloaded" position, proceed with one of the following procedures.

1) Insert a video cassette tape which you no longer need.

Once the tape has been loaded or has entered the "play" mode, press the POWER button to turn the power off. Disconnect the AC power plug from the AC socket after the cassette tape has been unloaded.

2) Remove the UPPER PLATE, FRONT GUIDE and CASSETTE LOAD BLK. (Refer to 3-1-1. Removal of the CASSETTE LOAD BLK.)

Plug in the AC power cord. The LOADING ARM BLK will move backward and forward continuously. With your fingers, cover and hold both the SENSOR (S) and SENSOR (T) at the same time when the LOADING ARM BLK is in the backward position. The unit will enter the "play" mode without a cassette tape. Then release your fingers from both the sensors at the same time. After about 10 seconds (when the PINCH ROLLER is disengaged from the CAPSTAN and the SUPPLY REEL stops rotating, and the mechanism is set to "standby"), press the POWER button on the OPERATION (A) PCB.

The mechanism will now be set to the "tape unloaded" position.

Disconnect the AC power plug from the AC power socket.

3-2-1. Removal of the MODE SELECT SWITCH

1) Release the two (A) stoppers as shown in Fig. 3-5.

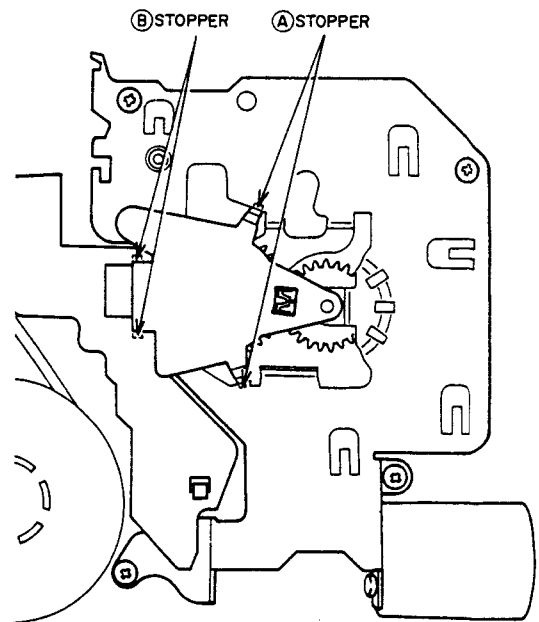


Fig. 3-5

2) Release the two (B) stoppers carefully while pulling up the MODE SELECT SWITCH. Then remove the MODE SELECT SWITCH. (Do not damage the pins of the MODE SELECT SWITCH or the P1 connector on the SENSOR PCB).

3-2-2. Removal of the SENSOR PC Board

1) Disconnect the connector P303 on the MAIN (A) PCB.

2) Remove the capstan belt.

3) Release the (A), (B) and (C) stoppers as shown in Fig. 3-6. Then remove the SENSOR PCB.

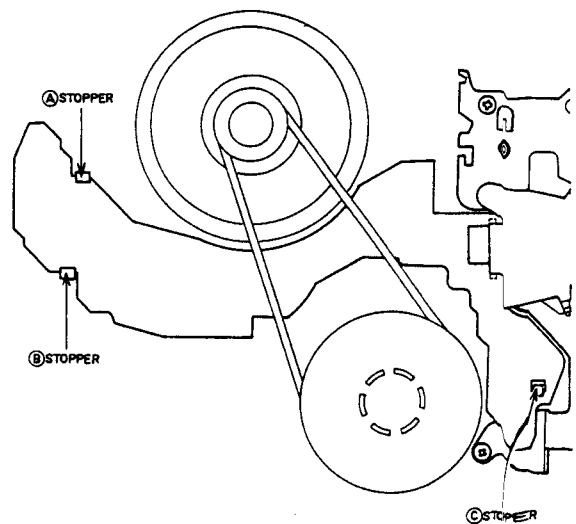


Fig. 3-6

3-3.REMOVAL OF THE LOADING DRIVE BLK

Set the loading mechanism to the "unloaded" position as well as 3-2 (REMOVAL OF THE SENSOR PC BOARD). However, this time, to avoid damaging the tape and mechanical parts, refer to 3-2, * 2) only.

- 1) Remove the MODE SELECT SWITCH (refer to 3-2-1 Removal of the MODE SELECT SWITCH).
- 2) Unhook the five wires from each tab. Two wires from the SENSOR (S), two wires from the LOADING MOTOR and one wire from the REC SAFETY SWITCH.
- 3) Remove the (A), (B), (C) and (D) screws, then remove the LOADING DRIVE BLK as shown in Fig. 3-7.

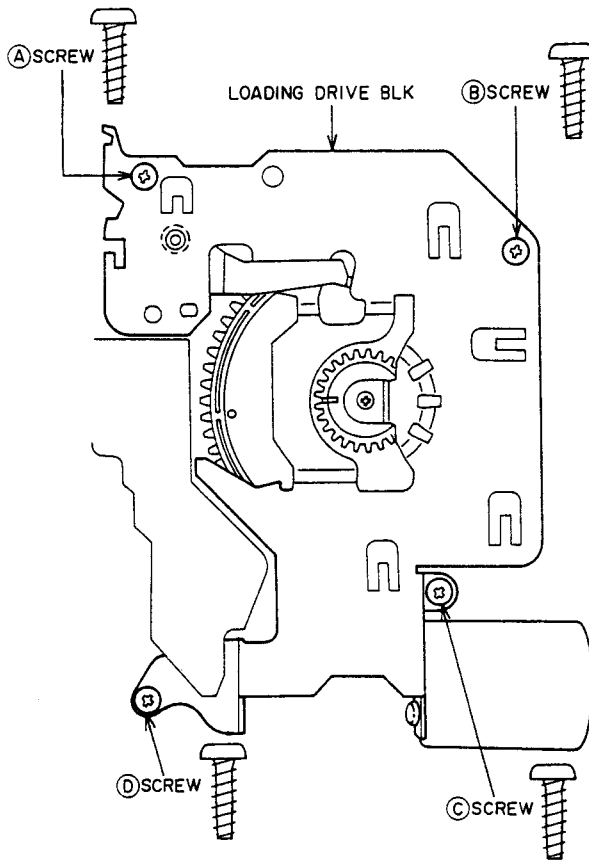


Fig. 3-7

3-4.REASSEMBLY OF THE LOADING MECHANISM BLK

3-4-1. Position of the TOGGLE GEARS (T) and (S)

- 1) Set the TOGGLE GEARS (T) and (S) to the unloaded position with your fingers. Align the (A) mark on TOGGLE GEAR (S) with the (A) hole of TOGGLE GEAR (T) as shown in Fig. 3-8.

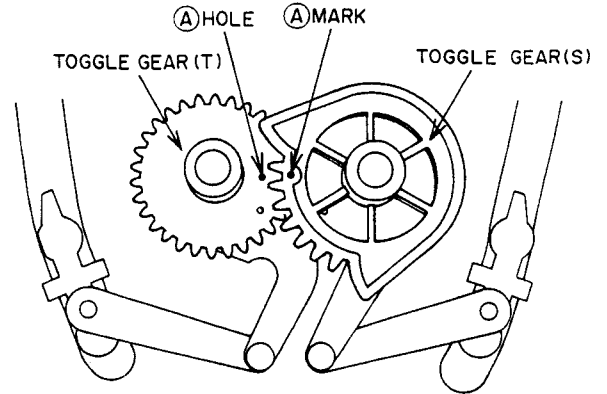


Fig. 3-8

3-4-2. Installation of the CAM SLIDER GEAR & FRONT LOADING GEAR

- 1) Attach the WORM WHEEL GEAR as shown in Fig. 3-9.

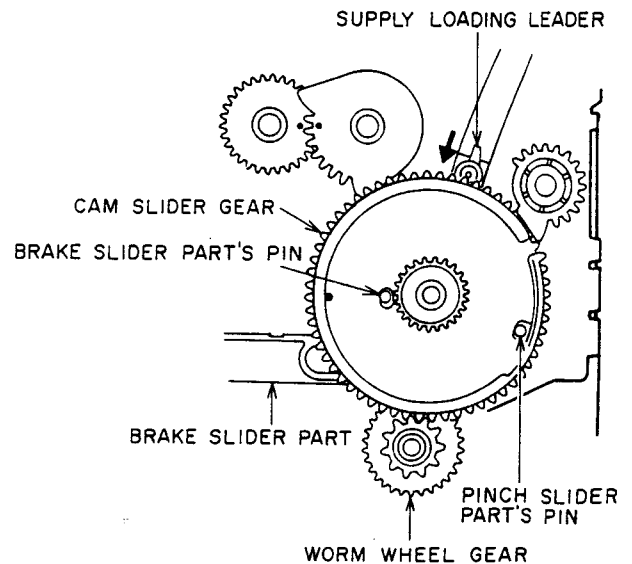


Fig. 3-9

- 2) Set the CAM SLIDER GEAR and adjust the position of the BRAKE SLIDER PART and PINCH SLIDER PART so that both pins appear through the holes on the CAM SLIDER GEAR as shown in Fig. 3-9. When inserting the CAM SLIDER GEAR onto its shaft, press the SUPPLY LOADING LEADER slightly in the direction of the arrow to make installation easy.

3) Attach the FRONT LOADING GEAR as shown in Fig. 3-10 and align the ⓑ mark on the FRONT LOADING GEAR with the ⓑ hole of the FRONT LOADING SLIDER as shown in Fig. 3-11.

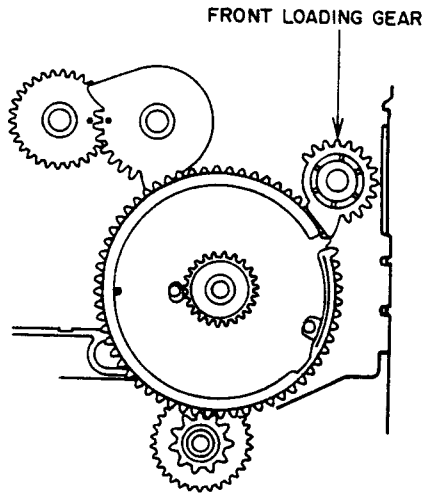


Fig. 3-10

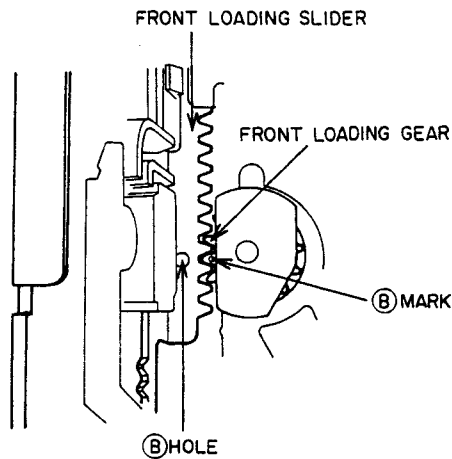


Fig. 3-11

3-4-3. Confirmation of the position of the EJECT GEAR

1) Confirm that the EJECT GEAR is in the correct position as shown in Fig. 3-12.

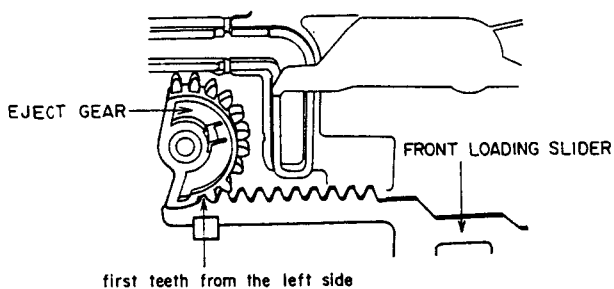


Fig. 3-12

2) Install the LOADING DRIVE BLK as shown in Fig. 3-13.

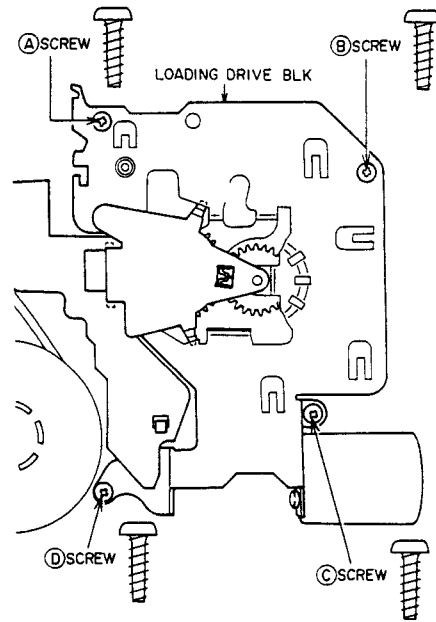


Fig. 3-13

3-4-4. Installation of the MODE SELECT SWITCH

1) Set the MODE SELECT SWITCH's gear, so that the ⓐ mark is in the center of the ⓐ hole as shown in Fig. 3-14.

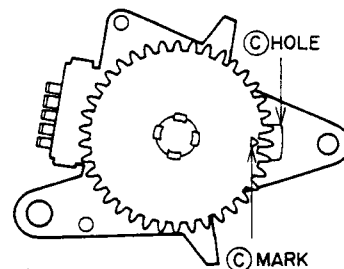


Fig. 3-14

2) Attach the MODE SELECT SWITCH to the LOADING DRIVE BLK and align the hollow of the gear's tooth (reverse side of the ⓐ mark) with the ⓐ groove of the CAM SLIDER GEAR as shown in Fig. 3-15.

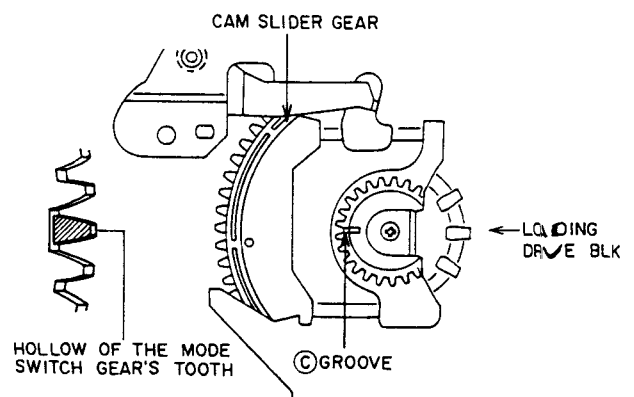


Fig. 3-15

3-4-5. Installation of the LOADING ARM BLK

- 1) While covering SENSOR (S) with your fingers, connect the AC power plug to the AC socket. The FRONT LOADING SLIDER will reach the "EJECT" position. Then disconnect the AC power plug from the AC socket before you release your fingers from SENSOR (S).
- 2) Install the LOADING ARM BLK in the reverse order of 3-1-2 (Removal of the LOADING ARM BLK). Position the EJECT GEAR and the JOINT GEAR as shown in Fig. 3-16.

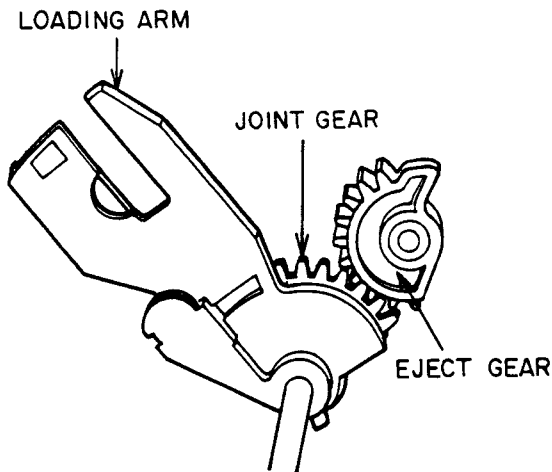


Fig. 3-16

3-4-6. Installation of the CASSETTE LOAD BLK, FRONT GUIDE and UPPER PLATE

- 1) Attach the CASSETTE LOAD BLK, FRONT GUIDE and UPPER PLATE in the reverse order of 3-1-1 (Removal of the CASSETTE LOAD BLK).
- 2) Insert a video cassette tape and confirm that the loading mechanism operates properly.

3-5. REPLACEMENT OF THE PINCH ROLLER PART

- 1) Remove the (A) screw, then remove the PINCH ROLLER part, as shown in fig. 3-17
- 2) Set the pinch roller so that white plastic spacer side faces chassis when replacing. Then tighten the (A) screw.

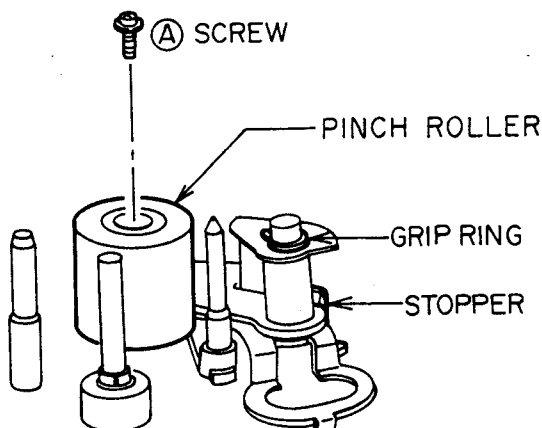


Fig. 3-17

3-6. REPLACEMENT OF THE IDLER PART AND REVIEW BRAKE PART

- 1) Remove the CASSETTE LOAD BLOCK & LOADING ARM BLK. (refer to 3-1, REMOVAL OF THE EJECTOR BLOCK).
- 2) Release the stopper of IDLER PART as shown in Fig. 3-18, then remove it.

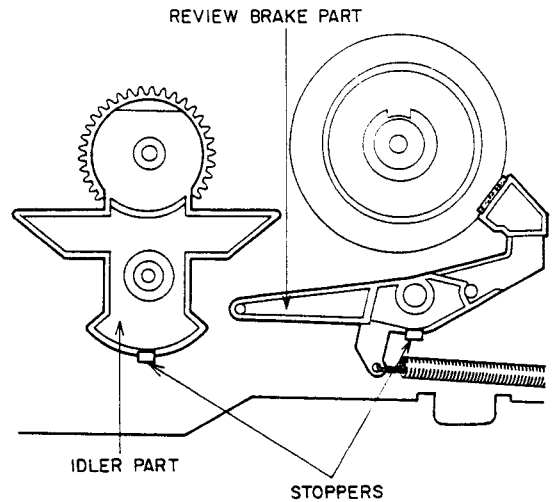


Fig. 3-18

- 3) Take off the review brake part spring, then release the stopper of the REVIEW BRAKE PART and remove it.
- 4) Reassemble the parts in the reverse order of steps 1) to 3).

3-7. REPLACEMENT OF THE UPPER DRUM

3-7-1. Removal of the UPPER DRUM

- 1) Remove one of the PRE AMP retaining screw and remove the EARTH BRUSH.
- 2) Unsolder the four relay leads and remove the two upper drum fixing screws as shown in Fig. 3-19.
- 3) Gently lift and remove the UPPER DRUM.

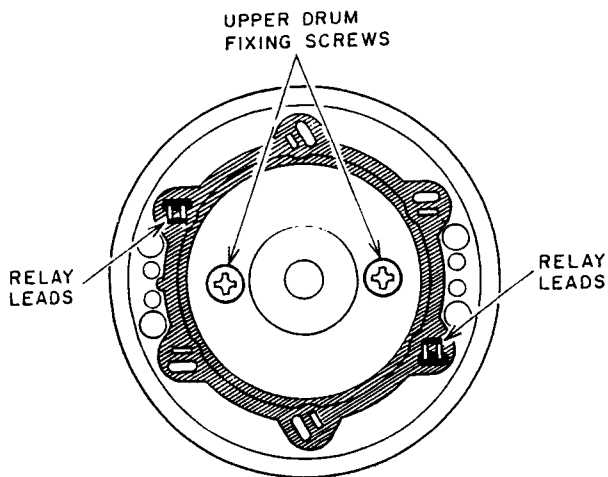


Fig. 3-19

3-7-2. Installation of the UPPER DRUM

- 1) Attach the UPPER DRUM to the LOWER DRUM ROTOR, so that the upper drum convex (A) and lower drum rotor's white PCB side line up, as shown in Fig. 3-20.

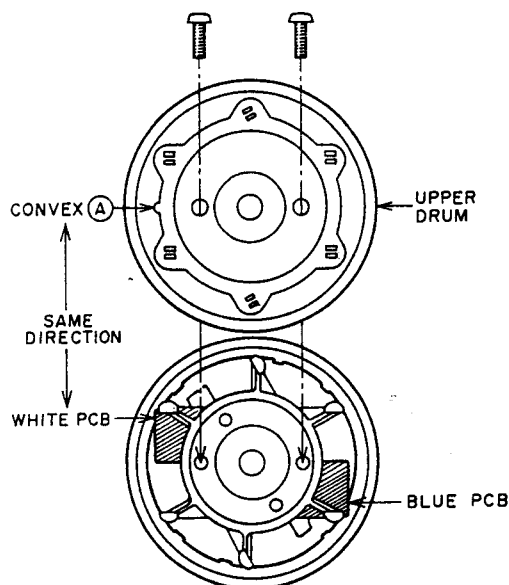


Fig. 3-20

NOTE: Because height precision is required for proper performance, and because head tips are fragile, the following points should be noted when replacing the UPPER DRUM BLOCK.

- (a) Do not loosen the set screw on the collar preload.
- (b) Before fixing, use alcohol to clean both surfaces where the upper drum and the rotary transformer meet.
- (c) If the UPPER DRUM can not be inserted on to the shaft easily during installation, clean the hole in the UPPER DRUM with alcohol and put a little oil on the shaft.
- (d) Make sure that the upper drum fixing screw holes, on the rotary transformer part, and the upper drum fixing screw penetration holes match exactly before inserting the fixing screws.
- (e) Tighten the two upper drum fixing screws alternately and gradually.

3-7-3. After replacement

After replacement, the following adjustments are necessary for the proper performance.

- 1) Control head Phase adjustment. (IV. MECHANICAL ADJUSTMENT 4-3-3.)
- 2) PB switching point adjustment. (V. ELECTRICAL ADJUSTMENT Step 1)
- 3) Video head REC current adjustment. (V. ELECTRICAL ADJUSTMENT Step 6)
- 4) ENV.DET (I-HQ) adjustment. (V. ELECTRICAL ADJUSTMENT Step 10)

3-8. DRUM MOTOR PC BOARD REPLACEMENT

- 1) Remove the two (A) screws on the ROTARY PLATE and then remove it. Then disconnect the connector on the DRUM MOTOR PCB as shown.

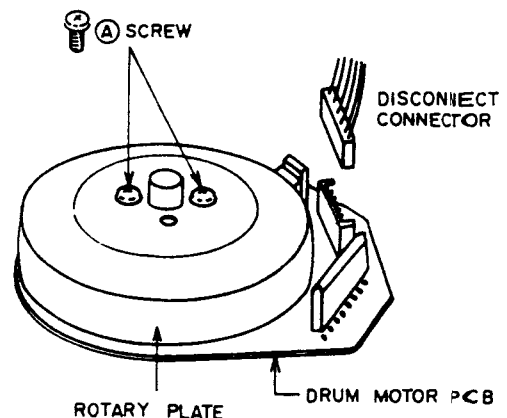


Fig. 3-21

- 2) Remove the three (B) screws which retain the DRUM MOTOR PCB and replace it.

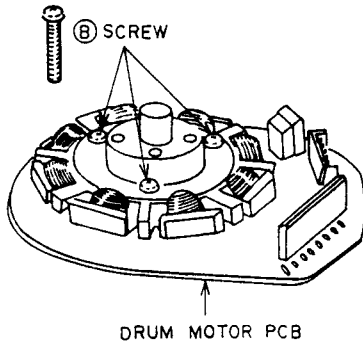


Fig. 3-22

- 3) Attach the ROTARY PLATE to the collar preload so that the rotary plate (C) hole and collar preload (D) hole line up.

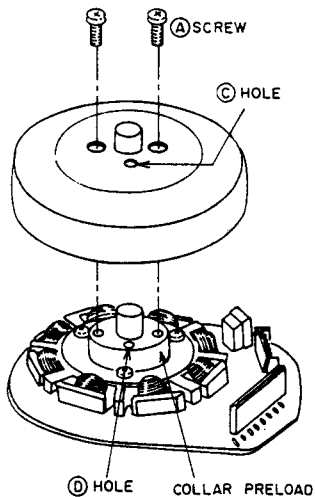


Fig. 3-23

3-9. REMOVAL OF THE MECHANISM BLOCK

3-9-1. Removal of the PRE AMP PC Board

- 1) Remove the (A) screw and remove the EARTH BRUSH as shown in Fig. 3-24.

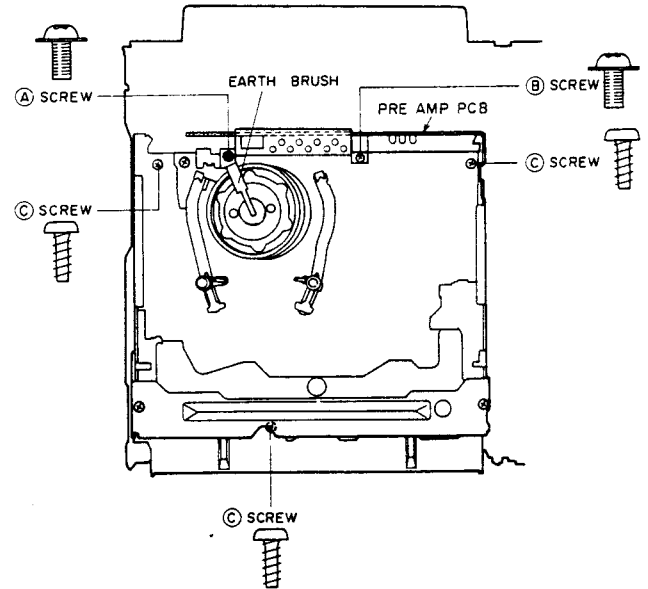


Fig. 3-24

- 2) Remove the DIODE PCB retaining screw and remove the DIODE PCB (it depends on the model which you are working on).
- 3) Remove the (B) screw then pull up the PRE AMP PCB carefully.

3-9-2. Removal of the MECHANISM BLK (MECHA. FRAME)

- 1) Disconnect the connectors P301, P302, P303 on the MAIN (A) PCB and P1 on the A/C HEAD PCB.
- 2) Disconnect the connector on the FULL TRACK ERASE HEAD.
- 3) Remove the three (C) screws from the MECHA. FRAME as shown in Fig. 3-24.
- 4) Hold the rear side of the MECHA. FRAME then remove it by pulling it up backwards.
- 5) Reassemble in the reverse order for installation.

IV. MECHANICAL ADJUSTMENT

4-1. BACK TENSION ADJUSTMENT

- 1) Prepare a video cassette tape which you no longer needed. Remove both tape reels and the tape protection cover from the cassette tape. Then cover the video cassette's left and right side detection holes with black adhesive tape.
- 2) Play back the tapeless cassette which you prepared.
- 3) Confirm the distance between (A) groove on the TENSION ARM and the (A) mark on the MECHA. CHASSIS so that the distance should be within the value shown in Fig. 4-1
- 4) If the result is not satisfactory, eject the tape and adjust the TENSION ADJUST repeatedly until the result is satisfactory.

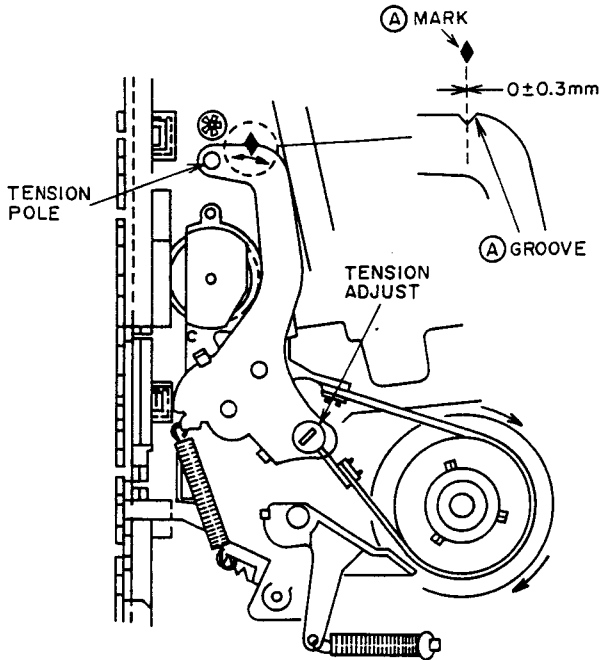


Fig. 4-1

4-2. TAPE TRANSPORT ADJUSTMENTS

NOTE: The following adjustments are required only when an irregularity is found, since these adjustment are precisely set at the factory.

4-2-1. Tape curl adjustment at the TAKE-UP TAPE GUIDE

- 1) Play back a recorded tape which is no longer needed.
- 2) Turn the (A) screw on the A/C HEAD BLK, until the edge of the tape barely touches the lower part of the TAKE UP TAPE GUIDE, without any curl or wrinkle.
- 3) Once the (A) screw is adjusted, A/C HEAD height and azimuth adjustment is required. (Refer to 4-3. A/C HEAD POSITION ADJUSTMENT.)

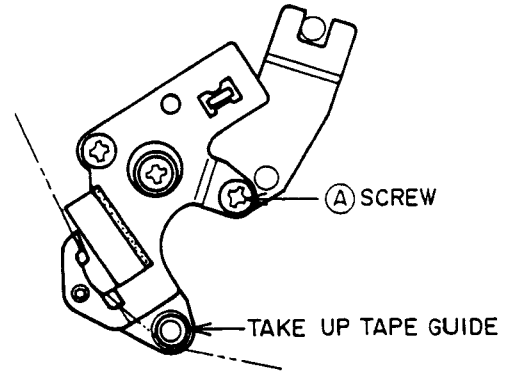


Fig. 4-2

(TAKE-UP TAPE GUIDE)

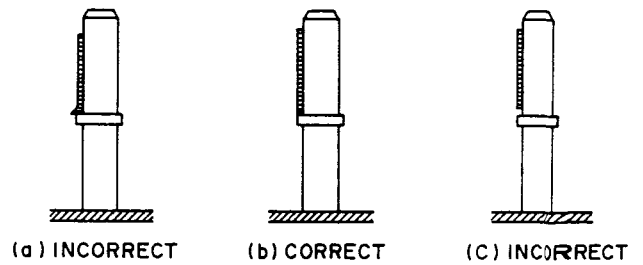


Fig. 4-3

4-2-2. Confirmation of tape curl on the SUPPLY TAPE GUIDE

Confirm that the edge of the tape barely touches the lower part of the SUPPLY TAPE GUIDE, without any curl or wrinkle as shown in Fig. 4-4.

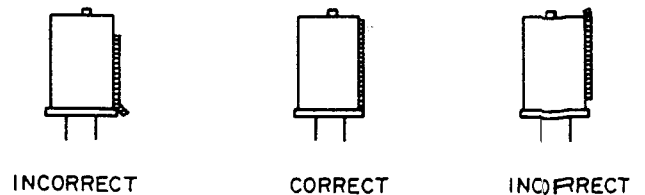


Fig. 4-4

4-2-3. REVIEW ARM height adjustment

- 1) Play back the beginning part of an E-240 tape and set the unit to the REVIEW mode by pressing the REW button. (Remove the tape protection cover to make the adjustment easier.)

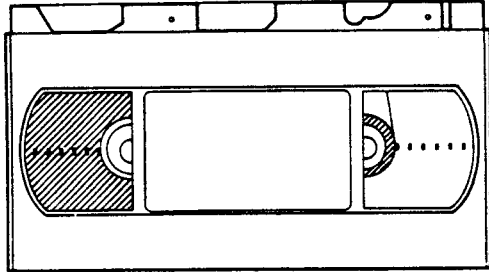


Fig. 4-5

- 2) Turn the REVIEW ARM height Ⓐ nut so that the edge of the tape barely touches the lower part of the TAKE-UP TAPE GUIDE, without any curl or wrinkle between the TAKE-UP TAPE GUIDE and the CAPSTAN SHAFT as shown in Fig. 4-6 to Fig. 4-8.

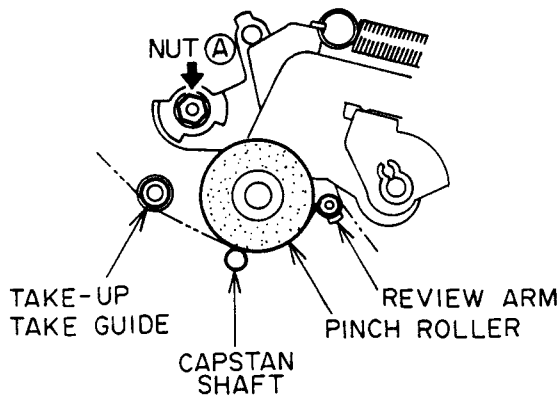


Fig. 4-6

(TAPE-UP TAPE GUIDE)

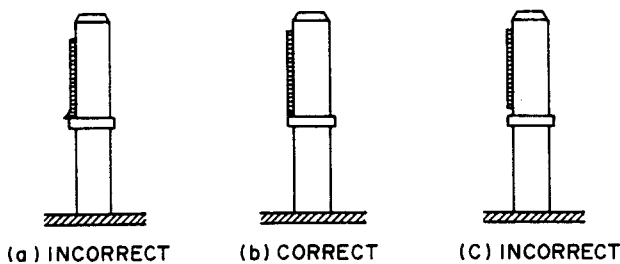


Fig. 4-7

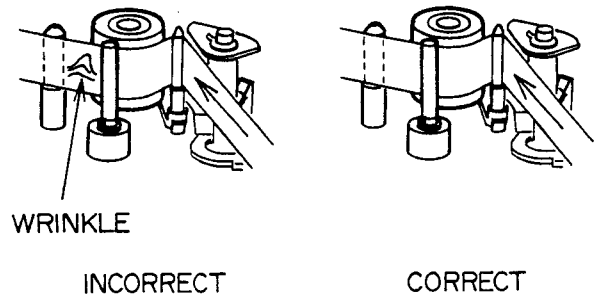


Fig. 4-8

- 3) Play back the beginning part of an E-240 tape and this time set the unit to the CUE mode by pressing the F.FWD button.
- 4) Confirm there is no curl or wrinkle near the REVIEW ARM's guide. If curl or wrinkle of the tape occurs, slightly turn the Ⓐ nut (Shown in Fig. 4-6) until it disappears.

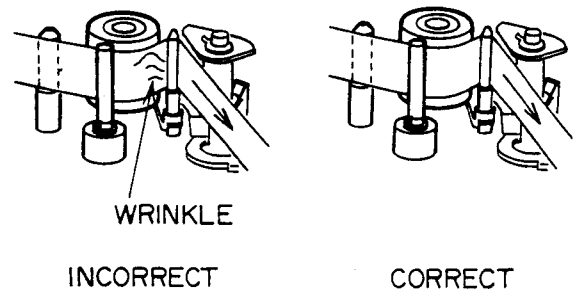


Fig. 4-9

- 5) Set the unit to the REVIEW mode again. Then confirm that there is no curl or wrinkle near the TAKE-UP TAPE GUIDE. (A small gap may appear after this adjustment, but this is allowable.)

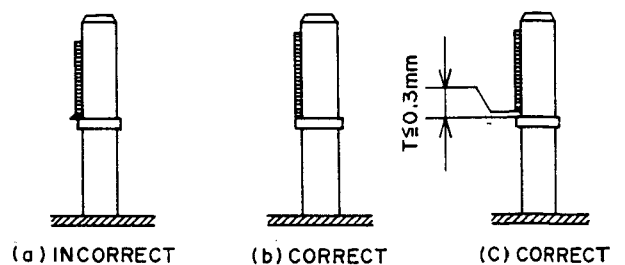


Fig. 4-10

NOTE:

1. If the results are not satisfactory, repeat steps 2) to 5).
2. Always play an undamaged tape to obtain satisfactory adjustment.
3. Because an E-240 tape can be damaged easily, due to its thinness, a pre-adjustment with an E-180 tape is recommended.

4-2-4. LOADING LEADER height adjustments

- 1) Slightly loosen the set screw at the lower part of the LOADING LEADERS (L), (R) so that the LOADING LEADER can be adjusted with reasonable tightness. (Refer to Fig. 4-11.)

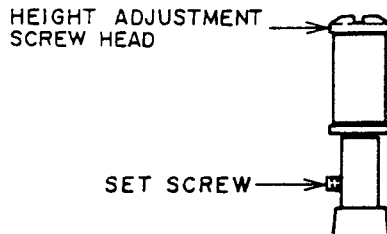


Fig. 4-11

- 2) Play back reference tape TF-530RFS (AT-751775).
- 3) Connect an oscilloscope's CH-1 to TR510 emitter (ENVE) on the MAIN (A) PCB and CH-2 to TP1 (V-SWP) on the PRE AMP PCB for triggering.
- 4) Turn the LOADING LEADER heads with a flat head (—) screwdriver to obtain a flat RF envelope as the ideal envelope, as shown in Fig. 4-12.
- 5) After adjustment is completed, tighten the loading leader set screws.

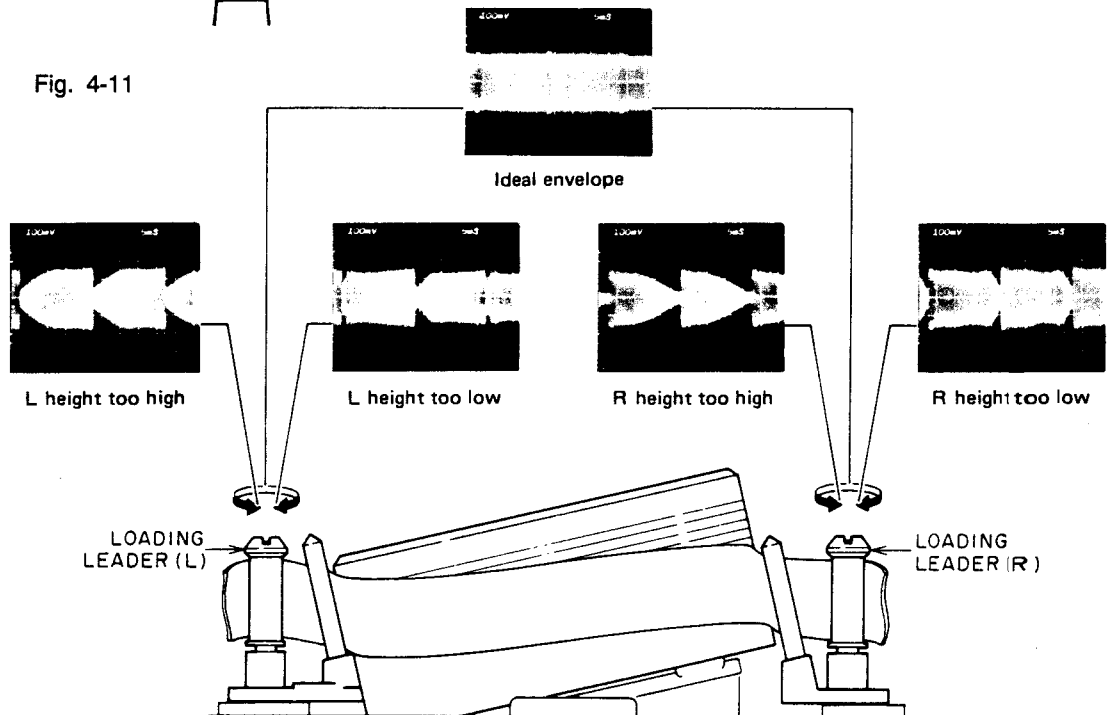


Fig. 4-12

4-3. A/C HEAD POSITION ADJUSTMENT

4-3-1. Azimuth adjustment

- 1) Connect an AC voltmeter or an oscilloscope to the AUDIO OUT terminal on the rear panel.
- 2) Play back reference tape TF-530RFS (AT-751775).
- 3) Adjust the ⓑ screw to obtain the maximum audio output.

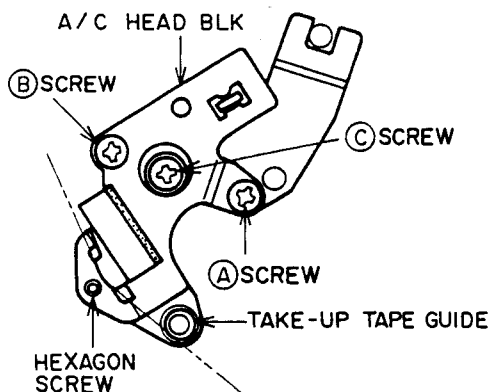


Fig. 4-13

4-3-2. Height adjustment

- 1) Play back test tape TF-526HH (AT-751788).
- 2) Connect an oscilloscope's CH-1 to the AUDIO OUT terminal on the rear panel and CH-2 to TP3(t1 (CTL OUT) on the MAIN (A) PCB.
- 3) Turn the hexagon screw to obtain 1/2 of the output level of either CH-1 or CH-2, whichever has an output signal as shown in Fig. 4-14. Then set both of the oscilloscope's channels to 100 mV/div and finely adjust the hexagon screw until both signals of CH-1 and CH-2 are nearly the same level.
- 4) Slightly turn the ⓐ screw until the tape edge barely touches the lower part of the TAKE-UP TAPE GUIDE without any curl or wrinkle as shown in Fig. 4-14.
- 5) Adjust the head azimuth again. (Turning the hexagon screw, or ⓐ screw, will cause head azimuth mis-alignment. Refer to 4-3-1. Azimuth adjustment.)
- 6) Confirm that both signals of CH-1 and CH-2 are nearly the same level (confirm that neither of the CH-1 or CH-2 output levels exceed 100 mVp-p). If the result is not satisfactory, repeat steps 3) to 5).

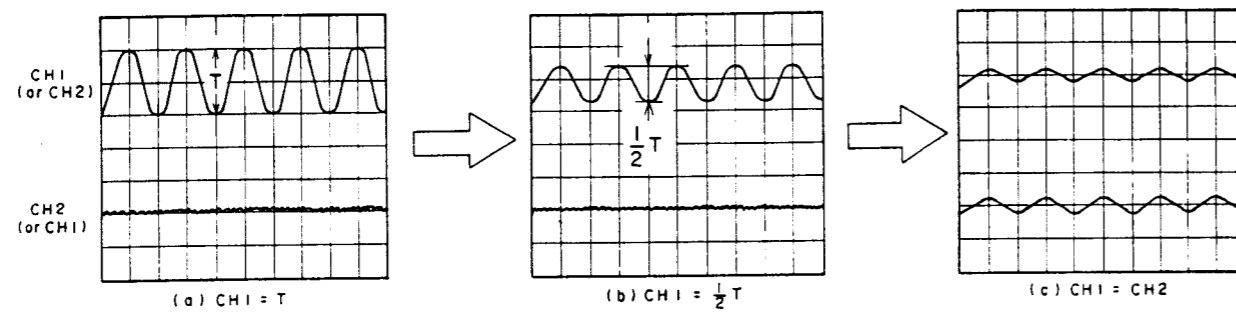


Fig. 4-14

4-3-3. Phase adjustment

- 1) Connect an oscilloscope's CH-1 to the TR510 emitter (ENVE) on the MAIN (A) PCB and CH-2 to TP1 (V-SWP) on the PRE AMP PCB for triggering.
- 2) Play back reference tape TF-530RFS (AT-751775).
- 3) Press the "<" or ">" cursor button on the remote control until the "X" mark can be seen in the center position of the tracking range on the TV screen as shown in Fig. 4-15.
- 4) Loosen the © screw slightly so that the A/C HEAD PLATE can be moved with reasonable tightness.
- 5) Insert a sharp, flat head (→) screwdriver into the A/C HEAD BASE and Ⓐ hole as shown in Fig. 4-17.
- 6) Move the A/C HEAD BASE by moving a screwdriver in the direction of the arrow as shown in Fig. 4-17 to obtain the maximum RF output, then tighten the © screw.

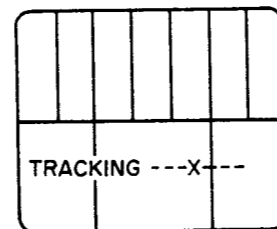


Fig. 4-15

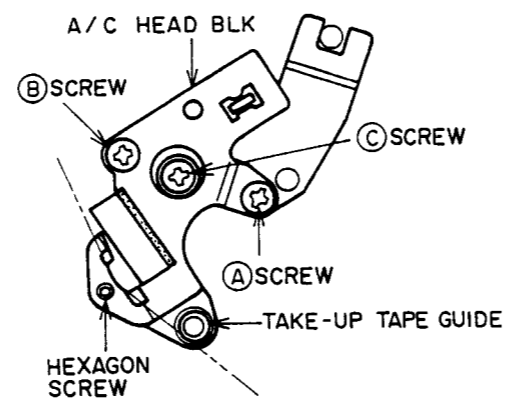


Fig. 4-16

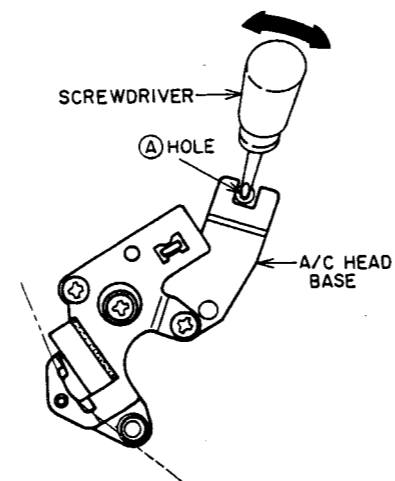


Fig. 4-17

V. ELECTRICAL ADJUSTMENT

- Precautionary items prior to adjustments
1. The colour bar generator output should be 1.0 Vp-p.
 2. The video output terminal should be terminated with 75 ohms (connect dummy load or 75 ohms input TV).

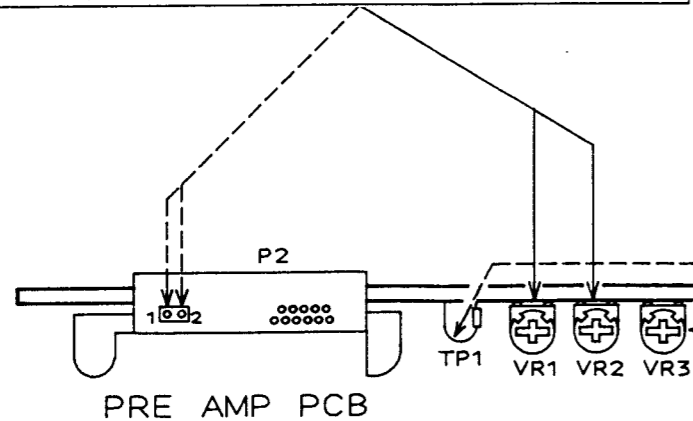
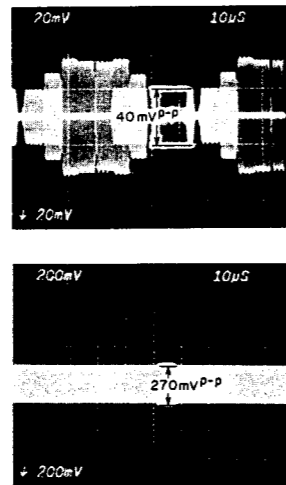
The following test tapes are required.

Test tape	Parts No.
TF-527BL	AT-711880
TF-530RFS	AT-751775
TF-532CBS	AT-751360
TF-553AT	AT-751785

STEP	ADJUSTMENT ITEM
1.	MODE and INPUT SIGNAL/TEST TAPE
2.	TEST POINT and ADJ part
3.	REMARKS (•) & RESULT (*)

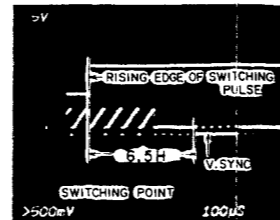
6 VIDEO REC CURRENT

1. "REC", PAL colour bar signal
2. P2 (REC.CURR) ① pin, ② pin & VR1 (REC-CHROMA), VR2 (REC-Y)
3. • Connect an oscilloscope's CH-1 to P2 (REC.CURR) ① pin and CH-2 to ② pin.
 - Set the oscilloscope's display mode to "ADD" mode and CH-2 polarity to "INVERTED". (Make sure to set the oscilloscope's "volt/div" SW position where the waveform is not distorted and CH-2 position should be the same as CH-1.)
 - Turn the VR2 (REC-Y) fully, counterclockwise.
 - Adjust VR1 (REC-CHROMA) so that the chroma REC current becomes 40 mVp-p at the burst signal area.
 - Disconnect the input signal, then adjust VR2 (REC-Y) so that the Y REC current becomes 270 mVp-p.



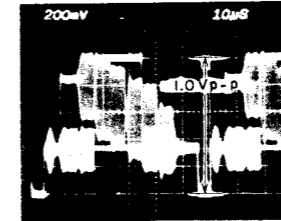
1 PB SWITCHING POINT

1. "PB", test tape TF-530RFS
2. TP1 (SWP), VIDEO OUT & VR301 (SW.POINT)
3. • Connect an oscilloscope's CH-1 to TP1 (SWP) for triggering and CH-2 to VIDEO OUT.
 - Adjust VR301 so that the switching point is positioned 6.5 H from the V-SYNC left edge as shown.



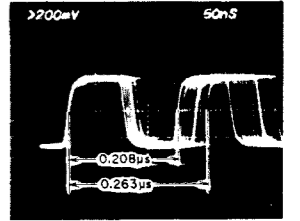
7 VIDEO PB LEVEL

1. "REC" → "PB", PAL colour bar signal
2. VIDEO OUT & VR404 (PB LEVEL)
3. • Connect an oscilloscope to VIDEO OUT
 - Make a recording on the tape, then play it back
 - Adjust VR404 so that the PB level becomes 1.0 Vp-p



5 CARRIER SET & DEVIATION

1. "REC", PAL colour bar signal
2. TP401 (REC.Y) & VR402 (CARRIER), VR403 (DEVIATION)
3. • Connect an oscilloscope to TP401 (REC.Y)
 - VR402 (CARRIER) : 0.263 μs (3.8 MHz)
 - VR403 (DEVIATION): 0.208 μs (4.8 MHz)



3 AUDIO REC BIAS

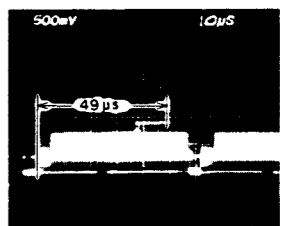
1. "REC", No signal input
2. P801 ① pin, ② pin & VR801
3. • Connect an AC voltmeter to P806 ① pin (GND side) and ② pin.
 - (Never connect the AC voltmeter's GND to the VCR's ground.)
 - Adjust VR801 so that the reading on the AC voltmeter becomes 2.4 mV

2 AUDIO PB LEVEL

1. "PB", test tape TF-527BL
2. AUDIO OUT & VR802
3. • Connect AC voltmeter to AUDIO OUT
 - -5 dBs

8 CHARACTER POSITION

1. "E-E" (STOP mode), No signal input
2. VIDEO OUT, TV screen & VC601 (IMS)
3. • Press the "DISPLAY" button once on the remote control to display the elapsed tape counter.
 - Connect an oscilloscope to VIDEO OUT
 - Adjust VC601 (IMS) so that the right end of the IMS signal becomes 49 μs from the H-SYNC as shown.

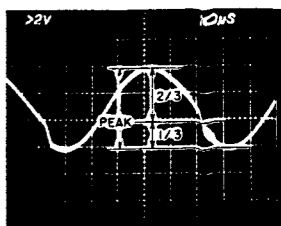


ON THE TV SCREEN



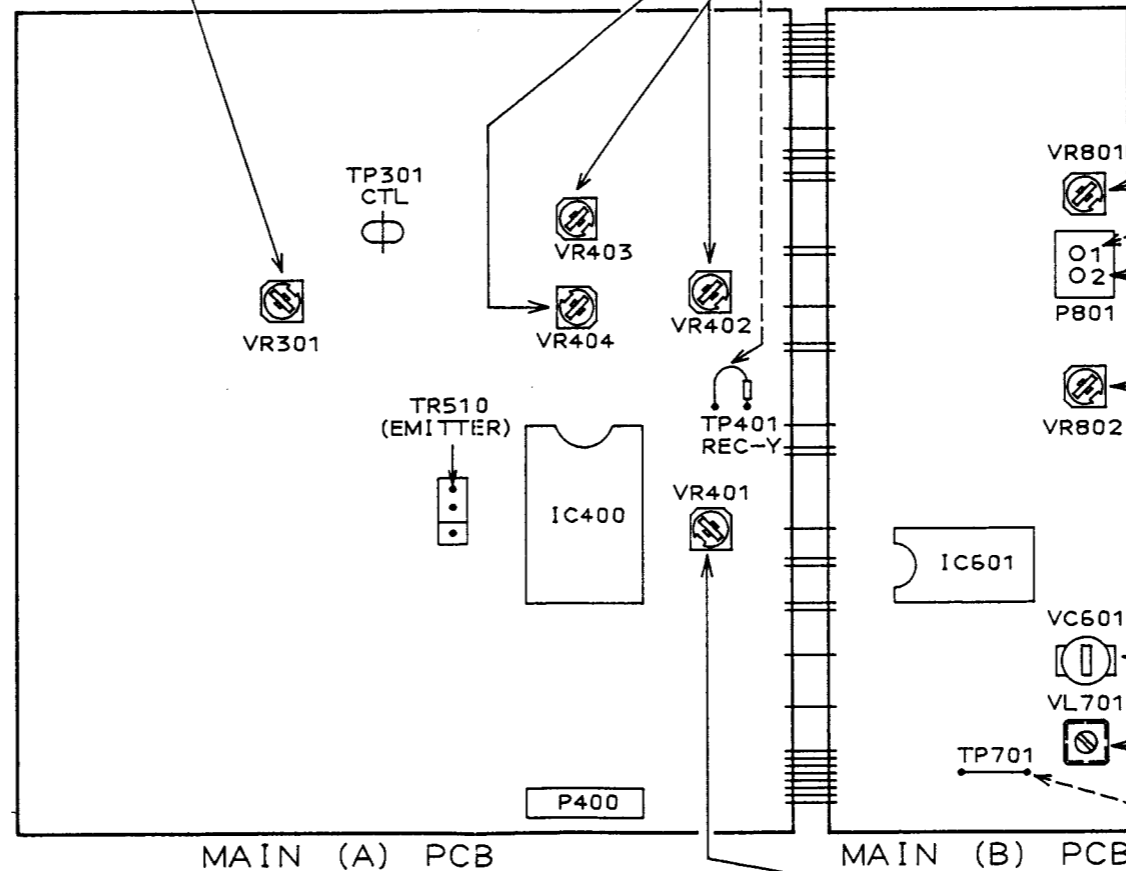
9 P/S AUTO SENSITIVITY (EM/EDG/EOG/EOG-V ONLY)

1. "E-E" (STOP mode), SECAM colour bar signal
2. TP701 (P/S SENS), VL701 (P/S SENS)
3. • Connect an oscilloscope to TP701 (P/S SENS)
 - Adjust the VL701 so that the distorted point of the waveform becomes 1/3 from the bottom, as shown.



10 ENVELOPE DETECT (I-HQ)

- (This adjustment should be performed in the "TEST" mode.)
To set the VCR to the "TEST MODE", press and hold both the "POWER" and "EJECT" buttons on the front panel, then plug in the AC power cord.
The TEST MODE can be cancelled by disconnecting the AC power cord or simply by pressing the RESET button on the front panel.
1. "REC" → "PB", PAL colour bar signal
 2. FL display & VR3
 3. • Record the PAL colour bar signal on the test tape TF-553AT and then play it back.
 - Observe the number which is displayed on the minute part of the FL display.
 - Adjust the VR3 so that the number displayed on the FL display becomes "91".



VI. PARTS LIST

ATTENTION

1. When placing an order for parts, be sure to list Part No., Model No. and the description of each part. Otherwise, the non-delivery of the part or the delivery of a wrong part may result.
2. Please make sure that Part No. is correct when ordering. If not, a part different from the one you ordered may be delivered.
3. Since the parts shown in Parts List of Preliminary Service Manual may have been the subject of changes, please use this Parts List for all future reference.

HOW TO USE THIS PARTS LIST

1. This Parts List lists those parts which are considered necessary for repairs. Other common parts, such as resistors and capacitors, are listed in the "Common List for Service Parts" from which these parts should be selected and stocked.
2. The Recommended Spare Parts List shows those parts in the Parts List which are considered particularly important for service.
3. Parts not shown in the Parts List and "Common List for Service Parts" will not in principle be supplied.
4. How to read the Parts List.

a) Mechanism Block

2. HEAD BASE BLOCK

Ref.No.	Part No.	Description
1	BH-T2023A320A	HEAD BASE BLOCK
2	HP-H2206A010A	HEAD R/P PR4-8FU C
3	ZS-477876	PAN20×03STL CMT
4	ZS-536488	BID20×08STL CMT
5	ZG-402895	SP CS ANGLE ADJUST

SP (Service Parts) Classification

This number corresponds with the individual parts index number in that figure.

b) PC Board

6. MAIN PC BOARD

Ref.No.	Part No.	Description
IC1	EI-324536	IC HD14049BP
IC2	EI-336801	IC MB8841-564M
C1A	EC-338399	C MMY V 223M 250AC [U.E.B.S]
C1B	EC-350949	C MMY V 223M 250DC [J]
C1C	EC-338397	C MMY V 223M 125AC [C,A]
X1	EI-318384	OSC X'TAL NC-18C

Symbols for primary destination

[A]: AAL (U.S.A) [S]: SAA (Australia)
 [B]: BEAB (England) [U]: U/T (Universal Area)
 [C]: CSA (Canada)
 [E]: CEE (Europe) [V]: VDE (Germany)
 [J]: JPN (Japan) [Y]: Custom Version

SP (Service Parts) Classification

These reference symbols correspond with component symbols in the Schematic Diagrams.

The available PC Board Blocks are listed separately.

WARNING

Δ (*) INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS.

AVERTISSEMENT

Δ (*) IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

6-1. MODEL VS-F260EDG/EM/EOH/ES, F265EOH, F275EOH, F280EOH, F290EOH

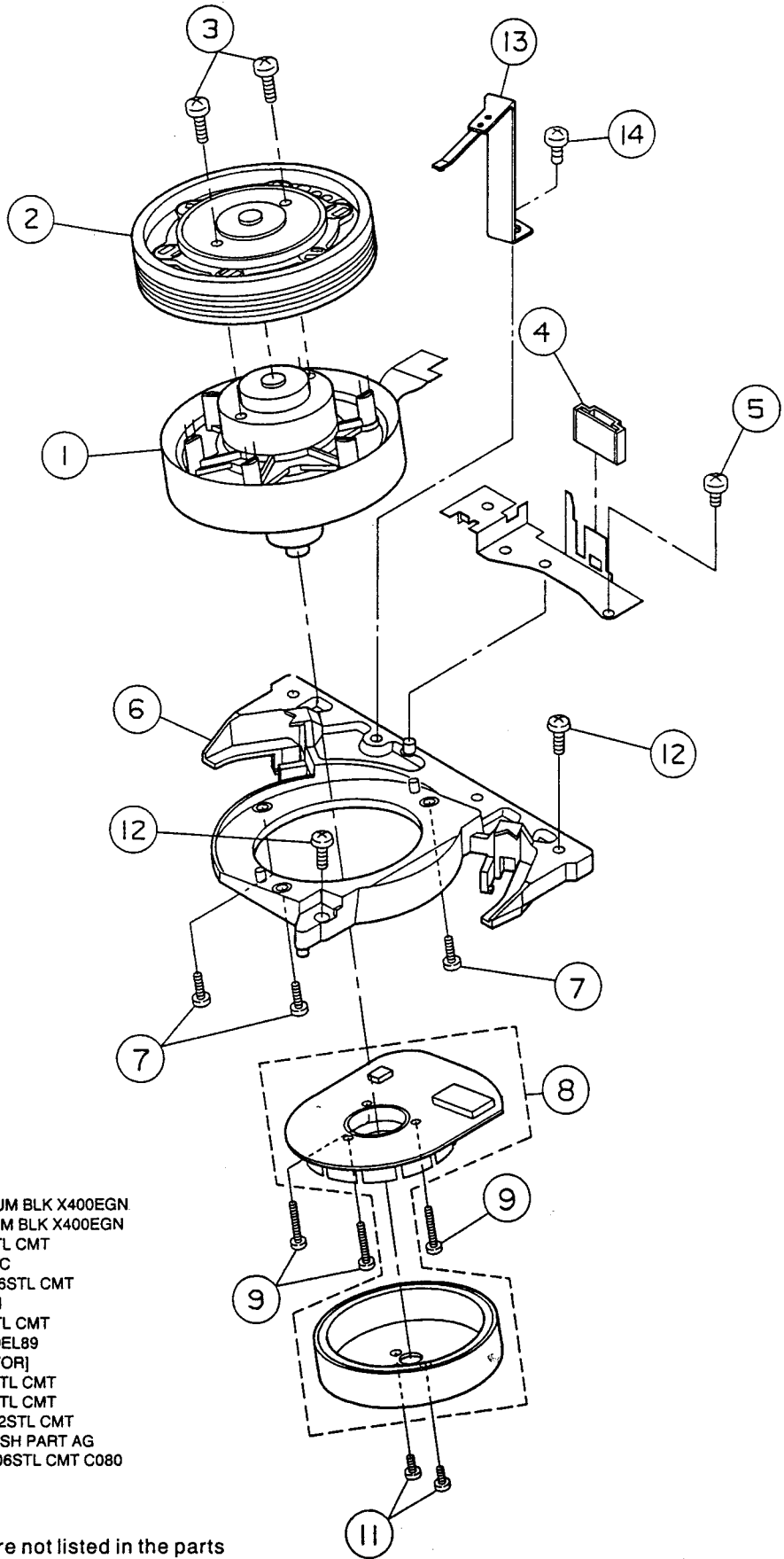
1. RECOMMENDED SPARE PARTS

We suggest you to stock the following Recommended Spare Part items listed below since they can cover most of the routine service.

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
1	AV-B1038A010A	REMOCON BLK RC-V250E [EXCEPT 275/290EOH]	53	ED-405604J	D ZENER H MTZJ4.3C T26 [EOH]
2	AV-B1042A010C	REMOCON BLK RC-V252E (G) [275/290EOH]	54	ED-403724J	D ZENER H UTZJ10A
3	BB-V1130A020H	MECHA DECK BLK F260EA	55	*ED-404029J	D ZENER H UTZJ10B T26
4	BL-V1102A140A	ARM LOADING BLK 425EA	56	ED-405264J	D ZENER H UTZJ10C
5	BL-V1102A050A	TENSION ARM BLK 425EA	57	ED-404031J	D ZENER H UTZJ11B T26
6	BM-400682J1	MOTOR DFX-67B3VWB1 [CAPSTAN MOTOR]	58	ED-403948J	D ZENER H UTZJ16C T26
7	BM-401296J	MOTOR E20EL89 [DRUM MOTOR]	59	ED-403947J	D ZENER H UTZJ22C T26
8	BM-387503J	MOTOR PART [LOADING MOTOR]	60	ED-405265J	D ZENER H UTZJ36C
9	*BT-403874J	TRANS POW V1130 EDG [EDG]	61	ED-404032J	D ZENER H UTZJ39A
10	*BT-403251J	TRANS POW V1130 EM [EM]	62	ED-403732J	D ZENER H UTZJ5.6A
11	*BT-403873J	TRANS POW V1130 EO [EOH]	63	ED-403278J	D ZENER H UTZJ7.5B
12	*BT-404028J	TRANS POW V1130 ES [ES]	64	ED-404086J	D ZENER H UTZJ7.5C
13	BV-V1102A150A	CASSETTE LOAD BLK 425EA	65	ED-403731J	D ZENER H UTZJ8.2C [EOH]
14	BV-V1102A070A	LEADER S BLK 425EA	66	ED-403279J	D ZENER H UTZJ9.1B
15	BV-V1102A080A	LEADER T BLK 425EA	67	EE-408471J	TV TUNER ENV-77890F2 SK [EDG]
16	BV-V1123A410A	LOWER DRUM BLK X400EGN	68	EE-387603J1	TV TUNER TERE1-019B EO [ES]
17	BV-403411J	RF CONVERTER MDLK6B734A ES [ES]	69	EE-390143J2	TV TUNER TERE3-001C EOH [EOH]
18	BV-403409J	RF CONVERTER MDLK6D755A EO [EOH]	70	EE-405638J	TV TUNER VTSS6CZ EM [EM]
19	BV-403408J	RF CONVERTER MDLK6E753A EDG [EDG]	71	EH-383083J	COMP R RGL63X 103J
20	BV-387611J	RF CONVERTER YAA21-0454 EV [EM]	72	EH-403945J	COMP R RGL69X 103J
21	BV-V1123A420A	UPPER DRUM BLK X400EGN	73	EH-394838J	DL ADL-FN1344Q [EM/ES]
22	BV-403237J	VIF UNIT KX EDG [EDG]	74	EH-390730J	DL EFD-JF124A13J
23	BV-403239J1	VIF UNIT KX EM [EM]	75	EH-368816	FILTER CE SAF38.0MZA70Z
24	BV-403240J1	VIF UNIT KX EOH [EOH]	76	EH-730625J	FILTER CE SAF38.9MZ70Z
25	BV-403242J1	VIF UNIT KX ES [ES]	77	EH-780128	FILTER CE SFE 6.5MB
26	EA-387496J	PC (#) SENSOR	78	EH-366894	FILTER CE SFE-4.16MB 4.16MHZ [EDG/EM]
27	*EC-391843J	C DOUBLE FYDOH 223Z 5.5DC	79	EH-373920	FILTER CE SFE5.5MB
28	EC-408376J	C EC V CUT KMG 102M 50.0DC	80	EH-373921	FILTER CE SFE6.0MB
29	EC-408377J	C EC V CUT KMG 222M 50.0DC	81	EH-368827	FILTER CE SFS5.5MD 5.500MHZ
30	EC-408426J	C EC V F05 LXF8 121M 50.0DC	82	EH-388287J	FILTER CE SFS6.5MX 6.500MHZ
31	EC-403880J	C EC V T05 LXF8 221M 25.0DC	83	EH-373918	FILTER CE TPS5.5MB
32	EC-403878J	C EC V T05 LXF8 271M 16.0DC	84	EH-729986J	FILTER CE TPS5.5MB2 [EM]
33	EC-404197J	C EC V T05 SXE8 330M 80.0DC	85	EH-368948	FILTER CE TPS5.5MW 5.5000MHZ [EOH]
34	ED-390011J	D LED GL451 INFRARED [D1]	86	EH-373919	FILTER CE TPS6.0MB
35	ED-390012J	D LED GL4800 INFRARED [D2]	87	EH-376338	FILTER CE TPS6.5MB
36	ED-403450J	D LED SE303ARF-C INFRARED	88	EH-714627	FILTER SAW SAF38.9MW70Z
37	ED-401099J	D SCHOTTKY MA719 T26 40/0.5A	89	EI-408416J1	IC MN675121 XAV4 KBXSYP5
38	*ED-386226J	D SCHOTTKY RB100AT-32T26 40/1	90	EI-373981J1	IC BA10393N
39	ED-386031J	D SILICON CHIP MA110-TW	91	EI-373980	IC BA15218N
40	*ED-379298	D SILICON DBA20B 100/2.0A	92	*EI-381575J	IC BA6121
41	ED-366443	D SILICON H MA700FA5 F10	93	EI-353421	IC BA6229
42	ED-307572	D SILICON H 1SS131	94	EI-366892	IC BA7025L [EDG/EM]
43	ED-401046J	D SILICON RL104F-E T26 400/1A	95	EI-388360J	IC BA7765AS
44	ED-511907	D SILICON 1N4002 100/1.0A	96	EI-356457	IC BU4013B [EM/ES]
45	ED-391005J	D ZENER H HZS12B1	97	EI-403231J	IC CD4066BE
46	ED-408807J	D ZENER H HZS12C3	98	EI-403250J	IC LA7376
47	ED-397233J	D ZENER H HZSS5C3	99	EI-403234J1	IC LA7391A
48	ED-387919J	D ZENER H HZS6A1L	100	EI-394856J	IC LC8992
49	ED-405603J	D ZENER H MTZJ10B T26 [EOH]	101	EI-389622J	IC L5631
50	ED-405373J	D ZENER H MTZJ16A T26	102	EI-403469J	IC MM1068XS
51	ED-403267J	D ZENER H MTZJ3.3B T26	103	EI-408408J1	IC M50933-128FP JXLCDR2
52	ED-405524J	D ZENER H MTZJ36A T26	104	EI-368809	IC M51496P
			105	EI-400756J	IC NJM4558L-B
			106	EI-400672J	IC S-8052ALB-LE
			107	EI-373955	IC S-8053ALR
			108	EI-408393J	IC ST24C01B1
			109	EI-200573	IC TC4053BP [EM/ES]
			110	EI-376112	IC UPD6122G
			111	EI-405722J	IC UPD6450CX-515

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
112	EI-408391J1	IC UPD75217CW-146 JBXOPP2	184	ML-387316J	MAIN BRAKE (S) PART
113	EI-403451J	OSC CE CSB1200J 1.200MHZ	185	ML-387318J	MAIN BRAKE (T) PART
114	EI-403467J	OSC CE CSB500F40 15.680KHZ	186	ML-387321J	REVIEW BRAKE PART
115	EI-368829	OSC CE CSB512P	187	ML-387324J1	SLIDER BRAKE PART
116	EI-373957J1	OSC CE CST4.19MGW 4.194MHZ	188	ML-404944J	SLIDER TRIGGER (2)
117	EI-390687J	OSC CE CSU455PL 455KHZ	189	MP-404852J	PINCH ROLLER (2) PART
118	EI-389974J	OSC XTAL HC-49/U 17.734475MHZ	190	MR-387406J	HOLDER THRUST WORM
119	EI-389640J	OSC XTAL HC-49/U 8000KHZ	191	MR-391968J	PULLEY TRIGGER (2)
120	EI-368825	OSC XTAL MX-38T 32.768KHZ	192	MR-387286J1	ROLLER IMPEDANCE
121	EI-381632J	OSC XTAL 86686 4.433619MHZ	193	MT-390954J1	DISK (2) PART
122	EJ-403095J	TERMINAL LCD (3) B1014	194	MZ-387298J3	DISK CLUTCH PART
123	EM-401077J	IND FL FV496G CHARACTER	195	MZ-387331J	GEAR CAM SLIDER
124	EM-403448J	IND LCD LF5381G ENGLISH	196	MZ-387335J	GEAR EJECT
125	EO-408381J	COIL FIX 2 C-5344-40 560K	197	MZ-387333J	GEAR FRONT LOADING
126	EO-388362J	COIL OSC 1 V1102	198	MZ-V1102A090A	GEAR TOGGLE (S) BLK 425EA
127	*EQ-400153J	RELAY POW AG2013 1TR 12V	199	MZ-V1102A100A	GEAR TOGGLE (T) BLK 425EA
128	*ER-401039J	R FUSE V T05 ERD2FCV 1/4W 4R7J	200	MZ-387332J	GEAR WORM WHEEL
129	*ER-400959J	R FUSE V T05 ERD2FCV 1/4W1200G			
130	*ER-400605J	R FUSE V T05 ERD2FCV 1/4W15R0G			
131	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K			
132	*ER-405441J	R FUSE V T05 RF25SCVTP1/4WR27K			
133	*ER-400729J	R FUSE V T05 RF25SCVTP1/4WR47K			
134	*ER-404093J	R FUSE V T05 RF25SCVTP1/4WR56K [EOH]			
135	*ER-400689J	R FUSE V T05 RF25SCVTP1/4WR68K			
136	*ER-408375J	R FUSE V T05RF25SCPVTP1/4WR12K			
137	ER-403405J	R OMF H S12 FS 1W R75J			
138	ER-393768J	R OMF H S15 FS 2W 270J			
139	ES-373099	SW LEAF MTS10110MPC1			
140	ES-387465J	SW MODE SELECT MMS00070ZLBO [SW1]			
141	ES-408404J	SW TACT EVQ 235 07K T05 [EXCEPT 265/290 EOH]			
142	ES-408405J	SW TACT EVQ 235 09K T05 [265/290 EOH]			
143	ES-349474	SW TACT SKHHAM004A			
144	ET-381637J2	DETECTOR GP1U521X			
145	ET-713614	TR CHIP 2SA1235 E,F			
146	ET-725820J	TR CHIP 2SC2735J			
147	ET-356336	TR DTA114ES			
148	ET-363953	TR DTA114TS [EM/ES]			
149	ET-360646	TR DTA143ES [EM/ES]			
150	ET-354415	TR DTA144ES			
151	ET-373985	TR DTA144TS			
152	ET-353897	TR DTC114ES			
153	ET-360399	TR DTC114TS			
154	ET-354364	TR DTC143TS			
155	ET-354414	TR DTC144ES			
156	ET-361490	TR PHOTO PN268 [TR1]			
157	ET-390010J	TR PHOTO PT4800 [TR2]			
158	ET-390009J	TR PHOTO PT493F [TR4]			
159	ET-364040	TR UN421D			
160	ET-353899	TR 2SA1317 S,T,U			
161	ET-389803J	TR 2SA933S R,S			
162	*ET-366365	TR 2SB1185 E,F			
163	ET-388338J	TR 2SB1425 S,E			
164	ET-356817	TR 2SB891 Q,R			
165	ET-400218J	TR 2SC1740S R,S			
166	ET-375777	TR 2SC2926S P,Q			
167	ET-397160J	TR 2SC3330 R,S,T,U,V			
168	*ET-404195J	TR 2SC4486 S,T T05			
169	ET-366168	TR 2SD1292 Q,R			
170	*ET-381175J	TR 2SD1856			
171	*ET-391025J	TR 2SD2012			
172	ET-405622J	TR 2SD2061 E,F [EOH]			
173	ET-370819	TR.CHIP 2SC3052			
174	ET-390826J	TR.CHIP 2SD1619 T,U TC T08			
175	HE-390013J	HEAD E HVFME0020A			
176	HR-405340J	HEAD COMBO HVMZA1121A			
177	MB-387289J	BELT CAPSTAN			
178	MI-387294J	IDLER PART			
179	ML-391745J3	ARM DAMPER			
180	ML-387350J1	ARM LID OPENER			
181	ML-387423J	ARM LOADING BRAKE			
182	ML-387277J3	ARM REVIEW PART			
183	ML-387402J1	LEVER TRIGGER			

HEAD DRUM BLOCK



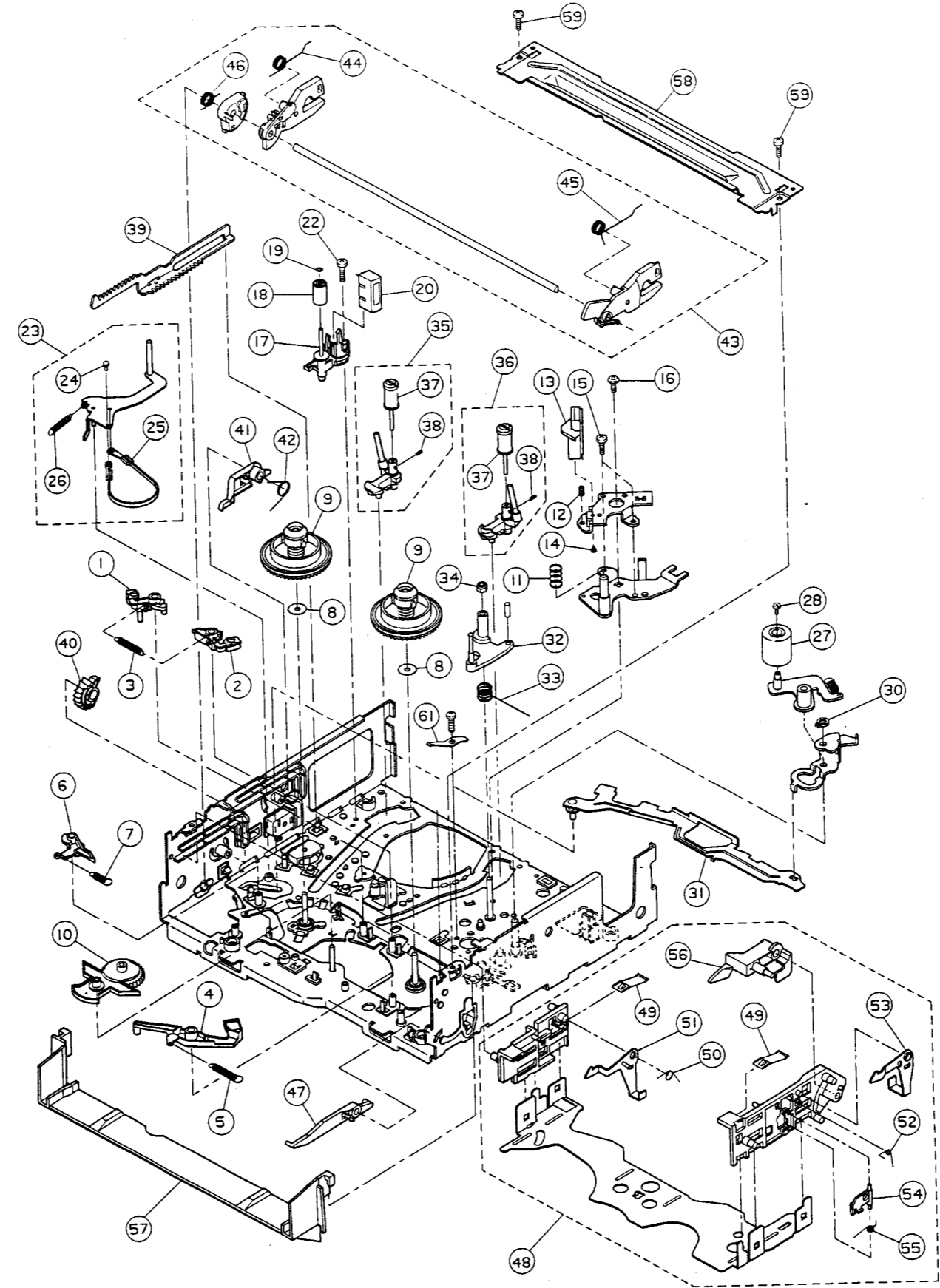
2. HEAD DRUM BLOCK

Ref.No.	Part No.	Description
1	BV-V1123A410A	LOWER DRUM BLK X400EGN
2	BV-V1123A420A	UPPER DRUM BLK X400EGN
3	ZS-321298	BID30X08STL CMT
4	SZ-387388J	HOLDER FPC
5	ZS-358936	ST BID30X06STL CMT
6	MA-387474J3	BASE DRUM
7	ZS-563444	BID26X08STL CMT
8	BM-401296J	MOTOR E20EL89 [DRUM MOTOR]
9	ZS-467796	PAN26X12STL CMT
11	ZS-379350	PAN30X06STL CMT
12	ZS-336714	ST BID30X12STL CMT
13	VT-401282J	EARTH BRUSH PART AG
14	ZS-344754	ST PAN30X06STL CMT C080

NOTE:

Parts will not be supplied if they are not listed in the parts list, even if they appear on the assembling illustrations with reference No.

MECHA BLOCK (1)



3. MECHA BLOCK (1)

Ref.No.	Part No.	Description
1	ML-387316J	MAIN BRAKE (S) PART
2	ML-387318J	MAIN BRAKE (T) PART
3	ZG-387320J	SP PULL MAIN BRAKE
4	ML-387321J	REVIEW BRAKE PART
5	ZG-387323J	SP PULL REVIEW BRAKE
6	ML-387423J	ARM LOADING BRAKE
7	ZG-387467J	SP PULL LOADING BRAKE
8	ZW-389814J	PW31X110X050PSL
9	MT-390954J1	DISK (2) PART
10	MI-387294J	IDLER PART
11	ZG-387438J1	SP PUSH A/C
12	ZG-373900	6SET30X080SCM PKR CP
13	HR-405340J	HEAD COMBO HVMZA1121A
14	ZS-404844J	PAN20X02STL BZN PS1
15	ZS-321298	BID30X08STL CMT
16	ZS-344754	ST PAN30X06STL CMT C080
17	MZ-402760J1	HOLDER FE HEAD PART B
18	MR-387286J1	ROLLER IMPEDANCE
19	ZW-374445	SLIT W17X032X025PSL
20	HE-390013J	HEAD E HVMFE0020A
22	ZS-336714	ST BID30X12STL CMT
23	BL-V1102A050A	TENSION ARM BLK 425EA
24	SZ-407187J2	HOLDER LEVER TENSION (2)
25	ML-390768J4	TENSION BAND PART
26	ZG-387272J	SP PULL TENSION
27	MP-404852J	PINCH ROLLER (2) PART
28	ZS-464703	BID20X04STL CMT
30	ZW-332843	RETAINING RING GRIP 380STL ACP
31	ML-387431J1	SLIDER PINCH PART
32	ML-387277J3	ARM REVIEW PART
33	ZG-387282J	SP TORSION REVIEW
34	ZW-401776J	NUT REVIEW
35	BV-V1102A070A	LEADER S BLK 425EA
36	BV-V1102A080A	LEADER T BLK 425EA
37	VT-387394J1	GUIDE ROLLER D8 PART
38	ZS-374458	6SET20X030SCM PKR FP
39	ML-387428J	SLIDER FRONT LOADING
40	MZ-387335J	GEAR EJECT
41	ML-391745J3	ARM DAMPER
42	ZG-395567J	SP TORSION ARM DAMPER
43	BL-V1102A140A	ARM LOADING BLK 425EA
44	ZG-387417J	SP TORSION LOAD (S)
45	ZG-387418J	SP TORSION LOAD (T)
46	ZG-392831J	SP TORSION JOINT (2)
47	ML-387350J1	ARM LID OPENER
48	BV-V1102A150A	CASSETTE LOAD BLK 425EA
49	ZG-387348J1	SP PLATE HOLDER
50	ZG-387421J	SP TORSION DAMPER (S)
51	ML-387345J	LEVER DAMPER (S)
52	ZG-388290J1	SP TORSION DAMPER (T)
53	ML-387346J	LEVER DAMPER (T)
54	ML-387344J	LEVER LOCK RELEASE
55	ZG-387420J1	SP TORSION RELEASE
56	ML-387349J2	ARM SHUTTER
57	SE-395554J	GUIDE FRONT (2)
58	MZ-406134J	PLATE UPPER (2)
59	ZS-358936	ST BID30X06STL CMT
61	ZG-392294J	SP PLATE EARTH
64	BB-V1130A020H	MECHA DECK BLK F260EA

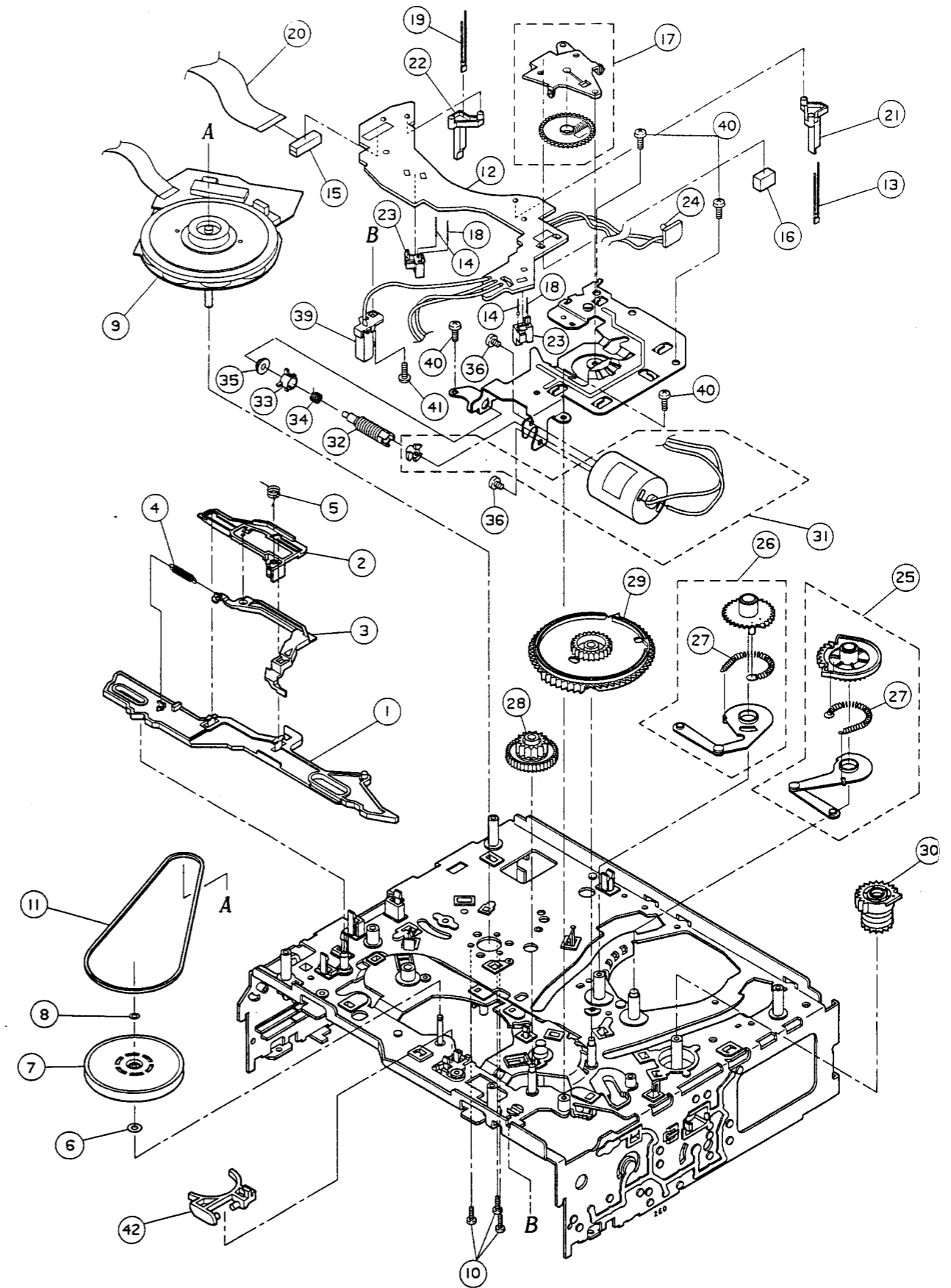
NOTE:
Parts will not be supplied if they are not listed in the parts list, even if they appear on the assembling illustrations with reference No.

4. MECHA BLOCK (2)

MECHA BLOCK (2)

Ref.No.	Part No.	Description
1	ML-387324J1	SLIDER BRAKE PART
2	ML-404944J	SLIDER TRIGGER (2)
3	ML-387402J1	LEVER TRIGGER
4	ZG-387468J	SP PULL SLIDER
5	ZG-387403J	SP TORSION COUPLING
6	ZW-389923J	PW26X060X050PSL
7	MZ-387298J3	DISK CLUTCH PART
8	ZW-387492J	SLIT W21X040X050PSL
9	BM-400682J1	MOTOR DFX-67B3VWB1 [CAPSTAN MOTOR]
10	ZS-365149	PT BID26X06STL CMT
11	MB-387289J	BELT CAPSTAN
12	EA-387496J	PC (#) SENSOR
13	ED-390011J	D LED GL451 INFRARED [D1]
14	ED-390012J	D LED GL4800 INFRARED [D2]
15	EJ-387497J	SOCKET HOUSING 5062-30-10-13 [PS1]
16	EJ-381837J	SOCKET 174074-5 5P [P1]
17	ES-387465J	SW MODE SELECT MMS00070ZLBO [SW1]
18	ET-390010J	TR PHOTO PT4800 [TR2]
19	ET-390009J	TR PHOTO PT493F [TR4]
20	EW-389313J	CORD FFC P1.25 L=120 13P [WP1]
21	MZ-387430J	HOLDER D-LED
22	MZ-387445J	HOLDER S SENSOR
23	MZ-387446J	HOLDER PHOTO SENSOR
24	ET-361490	TR PHOTO PN268 [TR1]
25	MZ-V1102A090A	GEAR TOGGLE (S) BLK 425EA
26	MZ-V1102A100A	GEAR TOGGLE (T) BLK 425EA
27	ZG-387413J1	SP PULL TOGGLE
28	MZ-387332J	GEAR WORM WHEEL
29	MZ-387331J	GEAR CAM SLIDER
30	MZ-387333J	GEAR FRONT LOADING
31	BM-387503J	MOTOR PART [LOADING MOTOR]
32	MZ-387330J	GEAR WORM PART
33	MR-391968J	PULLEY TRIGGER (2)
34	ZG-387443J	SP TRIGGER
35	MR-387406J	HOLDER THRUST WORM
36	ZS-425981	BID30X03STL CMT
39	ES-373099	SW LEAF MTS10110MPC1
40	ZS-389950J	PT BID26X10STL CMT
41	ZS-358936	ST BID30X06STL CMT
42	ML-387311J2	ARM COUPLING

NOTE:
Parts will not be supplied if they are not listed in the parts list, even if they appear on the assembling illustrations with reference No.



5. P.C BOARD BLK

Ref.No.	Part No.	Description
1A	BA-V1130A600B	PC (#) MAIN (PAL) BLK F220EDG [EDG]
1B	BA-V1130A600D	PC (#) MAIN (PAL) BLK F220EM [EM]
1C	BA-V1130A600G	PC (#) MAIN (PAL) BLK F200EOH [260/280/290EOH]
1D	BA-V1130A600J	PC (#) MAIN (PAL) BLK F220EOH [265/275EOH]
1E	BA-V1130A600H	PC (#) MAIN (PAL) BLK F240ES [ES]
2A	BA-V1130A610C	PC PRE AMP BLK F220EDG [EDG/EOH]
2B	BA-V1130A610B	PC PRE AMP BLK F220EM [EM]
2C	BA-V1130A610D	PC PRE AMP BLK F240ES [ES]
3A	BA-V1146A630C	PC OPERATION (A) BLK F260EDG [EDG]
3B	BA-V1146A630G	PC OPERATION (A) BLK F260EM [EM]
3C	BA-V1146A630L	PC OPERATION (A) BLK F290EOH [290EOH]
3D	BA-V1146A630M	PC OPERATION (A) BLK F260EOH [260/280EOH]
3E	BA-V1146A640K	PC OPERATION (A) BLK F265EOH [265EOH]
3F	BA-V1146A640L	PC OPERATION (A) BLK F275EOH [275EOH]
3G	BA-V1146A635A	PC OPERATION (A) BLK F260ES [ES]
4A	BA-V1130A500A	PC POWER BLK F220EDG [EDG/ES]
4B	BA-V1130A510A	PC (#) POWER EM BLK F220EM [EM]
4C	BA-V1132A500C	PC (#) POWER EO BLK F200EOH [EOH]

PC (#) MAIN (PAL) BLK CONSISTS OF FOLLOWING P.C BOARD.

- MAIN (A) P.C BOARD
- MAIN (B) P.C BOARD

PC (#) POWER EM BLK CONSISTS OF FOLLOWING P.C BOARD.

- POWER SUPPLY (1) P.C BOARD
- POWER SUPPLY (2) P.C BOARD
- DIODE P.C BOARD

PC (#) POWER EO BLK CONSISTS OF FOLLOWING P.C BOARD.

- POWER SUPPLY P.C BOARD
- DIODE P.C BOARD

6. MAIN (A) P.C BOARD

Ref.No.	Part No.	Description
C369	*EC-391843J	C DOUBLE FYDOH 223Z 5.5DC
D1	ED-307572	D SILICON H 1SS131
D2	ED-307572	D SILICON H 1SS131
D3	ED-307572	D SILICON H 1SS131
D4	ED-307572	D SILICON H 1SS131
D5	ED-307572	D SILICON H 1SS131 [EOH]
D6	ED-403731J	D ZENER H UTZJ8.2C [EOH]
D7	ED-307572	D SILICON H 1SS131 [EOH]
D8	ED-387919J	D ZENER H HZS6A1L
D12	ED-405603J	D ZENER H MTZJ10B T26 [EOH]
D13	ED-405604J	D ZENER H MTZJ4.3C T26 [EOH]
D201	ED-307572	D SILICON H 1SS131
D202	ED-307572	D SILICON H 1SS131
D203	ED-307572	D SILICON H 1SS131
D204	ED-397233J	D ZENER H HZS5C3
D205	ED-403267J	D ZENER H MTZJ3.3B T26
D208	ED-307572	D SILICON H 1SS131
D209	ED-307572	D SILICON H 1SS131
D212	ED-511907	D SILICON 1N4002 100/1.0A
D213	ED-511907	D SILICON 1N4002 100/1.0A
D301	ED-307572	D SILICON H 1SS131
D302	ED-307572	D SILICON H 1SS131
D303	ED-404086J	D ZENER H UTZJ7.5C
D304	ED-403724J	D ZENER H UTZJ10A
D305	ED-307572	D SILICON H 1SS131
D306	ED-307572	D SILICON H 1SS131
D307	ED-307572	D SILICON H 1SS131
D308	ED-307572	D SILICON H 1SS131
D309	ED-307572	D SILICON H 1SS131
D401	ED-307572	D SILICON H 1SS131
D402	ED-307572	D SILICON H 1SS131
D403	ED-307572	D SILICON H 1SS131 [EM/ES]
D405	ED-307572	D SILICON H 1SS131
D406	ED-366443	D SILICON H MA700FA5 F10
D501	ED-307572	D SILICON H 1SS131 [EXCEPT ES]
D502	ED-307572	D SILICON H 1SS131
D503	ED-307572	D SILICON H 1SS131
D505	ED-307572	D SILICON H 1SS131
D506	ED-307572	D SILICON H 1SS131
D507	ED-307572	D SILICON H 1SS131
D508	ED-307572	D SILICON H 1SS131 [EXCEPT ES]
DL500	EH-390730J	DL EFD-JF124A13J
DL501	EH-394838J	DL ADL-FN1344Q [EM/ES]
FR201	*ER-400959J	R FUSE V T05 ERD2FCV 14W1200G
FR202	*ER-404093J	R FUSE V T05 RF25SCVTP/ 4WR56K [EOH]
FR350	*ER-400729J	R FUSE V T05 RF25SCVTP/ 4WR47K
FR501	*ER-404093J	R FUSE V T05 RF25SCVTP/ 4WR56K
IC1	EI-389622J	IC L5631
IC101	EI-403231J	IC CD4066BE
IC201	EI-400756J	IC NJM4558L-B
IC301	EI-408416J1	IC MN675121 XAV4 KBXSP5
IC302	EI-353421	IC BA6229
IC303	EI-373980	IC BA15218N
IC400	EI-403234J1	IC LA7391A
IC401	EI-394856J	IC LC8992
IC402	EI-373981J1	IC BA10393N
IC403	EI-356457	IC BU4013B [EM/ES]
L101	EO-345881	COIL FIX 1 EL0606SKI 101J
L103	EO-356722	COIL FIX 1 LAP02 F05 6R8
L301	EO-381196J	COIL FIX 1 EL0405SKI 470J
L302	EO-345881	COIL FIX 1 EL0606SKI 101J
L401	EO-354600	COIL FIX 1 LAP02 F05 101J
L402	EO-357508	COIL FIX 1 LAP02 F05 151J
L403	EO-381192J	COIL FIX 1 EL0405SKI 270J
L404	EO-345880	COIL FIX 1 EL0606SKI 820J
L405	EO-354600	COIL FIX 1 LAP02 F05 101J
L410	EO-345874	COIL FIX 1 EL0606SKI 330J
L470	EO-356722	COIL FIX 1 LAP02 F05 6R8
L472	EO-345880	COIL FIX 1 EL0606SKI 820J

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
L474	EO-388161J	COIL FIX 1 EL0405SKI 560K	TR312	ET-354415	TR DTA144ES
L500	EO-345880	COIL FIX 1 EL0606SKI 820J	TR401	ET-356336	TR DTA114ES
L501	EO-353900	COIL FIX 1 LAP02 F05 150K	TR404	ET-354364	TR DTC143TS
L502	EO-345880	COIL FIX 1 EL0606SKI 820J	TR406	ET-397160J	TR 2SC3330 R,S,T,U,V
		[EM/ES]	TR407	ET-353899	TR 2SA1317 S,T,U
L503	EO-353900	COIL FIX 1 LAP02 F05 150K	TR408	ET-354414	TR DTC144ES
		[EM/ES]	TR409	ET-360399	TR DTC114TS
L504	EO-353900	COIL FIX 1 LAP02 F05 150K	TR410	ET-354414	TR DTC144ES
		[EM/ES]	TR414	ET-388338J	TR 2SB1425 S,E
L505	EO-345880	COIL FIX 1 EL0606SKI 820J	TR415	ET-353899	TR 2SA1317 S,T,U
L506	EO-345880	COIL FIX 1 EL0606SKI 820J	TR417	ET-360399	TR DTC114TS
L507	EO-392817J	COIL FIX 1 EL0405SKI 1R2K	TR421	ET-364040	TR UN421D
L508	EO-403937J	COIL FIX 1 EL0405RA T05 4R7J	TR423	ET-356336	TR DTA114ES
L509	EO-345880	COIL FIX 1 EL0606SKI 820J	TR425	ET-354414	TR DTC144ES
L510	EO-403270J	COIL FIX 1 EL0405RA T05 101J			[EM/ES]
L511	EO-381195J	COIL FIX 1 EL0405SKI 331K	TR470	ET-353899	TR 2SA1317 S,T,U
L512	EO-381197J	COIL FIX 1 EL0405SKI 471K	TR471	ET-353899	TR 2SA1317 S,T,U
L570	EO-345880	COIL FIX 1 EL0606SKI 820J	TR501	ET-353899	TR DTC114ES
L590	EO-387802J	COIL FIX 1 EL0405SKI 330K	TR502	ET-360646	TR DTA143ES
		[EM/ES]			[EM/ES]
MD1A	BV-403408J	RF CONVERTER MDLK6E753A EDG	TR503	ET-397160J	TR 2SC3330 R,S,T,U,V
		[EDG]	TR504	ET-397160J	TR 2SC3330 R,S,T,U,V
MD1B	BV-387611J	RF CONVERTER YAA21-0454 EV			[EM/ES]
		[EM]	TR505	ET-397160J	TR 2SC3330 R,S,T,U,V
MD1C	BV-403409J	RF CONVERTER MDLK6D755A EO			[EM/ES]
		[EOH]	TR506	ET-397160J	TR 2SC3330 R,S,T,U,V
MD1D	BV-403411J	RF CONVERTER MDLK6B734A ES	TR507	ET-397160J	TR 2SC3330 R,S,T,U,V
		[ES]	TR508	ET-356336	TR DTA114ES
J101	EJ-387614J	PIN J T6353-ABCB YL BK 4P	TR509	ET-397160J	TR 2SC3330 R,S,T,U,V
		[EDG/EM/ES]	TR510	ET-397160J	TR 2SC3330 R,S,T,U,V
J102	EJ-387613J	SOCKET M1812 21P	TR511	ET-397160J	TR 2SC3330 R,S,T,U,V
		[EOH]	TR512	ET-397160J	TR 2SC3330 R,S,T,U,V
R214	ER-403405J	R OMF H S12 FS 1W R75J	TR513	ET-356336	TR DTA114ES
TR1	ET-353899	TR 2SA1317 S,T,U			[EXCEPT ES]
TR2	ET-375777	TR 2SC2926S P,Q	TR514	ET-354414	TR DTC144ES
TR3	ET-353899	TR 2SA1317 S,T,U			[EXCEPT ES]
TR4	ET-353899	TR 2SA1317 S,T,U	TR515	ET-397160J	TR 2SC3330 R,S,T,U,V
TR5	ET-353899	TR 2SA1317 S,T,U	TR570	ET-397160J	TR 2SC3330 R,S,T,U,V
TR6	ET-353899	TR 2SA1317 S,T,U	TR571	ET-397160J	TR 2SC3330 R,S,T,U,V
		[EOH]	TR572	ET-354414	TR DTC144ES
TR7	ET-353899	TR 2SA1317 S,T,U	VR301	EV-405665J	R S-FIX H T05 KVSF637T 0.1W333
TR8	ET-354414	TR DTC144ES	VR401	EV-405657J	R S-FIX H T05 KVSF637T 0.1W103
TR9	ET-354414	TR DTC144ES	VR402	EV-404300J	R S-FIX H T05 KVSF637T 0.1W472
TR10	ET-354414	TR DTC144ES	VR403	EV-405659J	R S-FIX H T05 KVSF637T 0.1W682
		[EOH]	VR404	EV-405665J	R S-FIX H T05 KVSF637T 0.1W333
TR11	ET-353899	TR 2SA1317 S,T,U	WF201	EW-404138J1	CORD KX MA-POW L=225 12P
TR12	ET-397160J	TR 2SC3330 R,S,T,U,V	X301	EI-389640J	OSC XTAL HC-49/U 8000KHZ
TR13	ET-353899	TR 2SA1317 S,T,U	X500	EI-381632J	OSC XTAL 86686 4.433619MHZ
		[EXCEPT EOH]	1A	BV-403237J	VIF UNIT KX EDG
TR14	ET-397160J	TR 2SC3330 R,S,T,U,V			[EDG]
		[EOH]	1B	BV-403239J1	VIF UNIT KX EM
TR15	ET-353897	TR DTC114ES			[EM]
TR16	ET-397160J	TR 2SC3330 R,S,T,U,V	1C	BV-403240J1	VIF UNIT KX EOH
		[EOH]			[EOH]
TR17	ET-397160J	TR 2SC3330 R,S,T,U,V	1D	BV-403242J1	VIF UNIT KX ES
TR18	ET-397160J	TR 2SC3330 R,S,T,U,V			[ES]
TR19	ET-354414	TR DTC144ES	2A	EE-408471J	TV TUNER ENV-77890F2 SK
		[EM/EOH]			[EDG]
TR20	ET-405622J	TR 2SD2061 E,F	2B	EE-405638J	TV TUNER VTSS6CZ EM
		[EOH]			[EM]
TR101	ET-354414	TR DTC144ES	2C	EE-390143J2	TV TUNER TERE3-001C EOH
TR102	ET-356336	TR DTA114ES			[EOH]
TR103	ET-354414	TR DTC144ES	2D	EE-387603J1	TV TUNER TERE1-019B EO
TR104	ET-353899	TR 2SA1317 S,T,U			[ES]
TR105	ET-353899	TR 2SA1317 S,T,U	3A	SP-395563J	PANEL REAR JACK EDG (2)
TR107	ET-397160J	TR 2SC3330 R,S,T,U,V			[EDG]
TR108	ET-356336	TR DTA114ES	3B	SP-388307J	PANEL REAR JACK EA
		[EOH]			[EM]
TR109	ET-397160J	TR 2SC3330 R,S,T,U,V	3C	SP-387357J	PANEL REAR JACK EK
TR202	ET-356336	TR DTA114ES			[EOH]
TR203	ET-397160J	TR 2SC3330 R,S,T,U,V	3D	SP-388306J	PANEL REAR JACK ES
TR205	ET-388338J	TR 2SB1425 S,E			[ES]
TR210	ET-405622J	TR 2SD2061 E,F			
TR301	ET-354414	TR DTC144ES			
TR302	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR303	ET-363953	TR DTA114TS			
		[EM/ES]			
TR304	ET-354415	TR DTA144ES			
TR306	ET-354414	TR DTC144ES			
TR307	ET-373985	TR DTA144TS			
TR308	ET-373985	TR DTA144TS			
TR309	ET-373985	TR DTA144TS			
TR310	ET-354414	TR DTC144ES			

7. MAIN (B) P.C BOARD

Ref.No.	Part No.	Description
D601	ED-307572	D SILICON H 1SS131
D603	ED-307572	D SILICON H 1SS131 [EXCEPT ES]
D801	ED-307572	D SILICON H 1SS131
FL701	EH-366894	FILTER CE SFE-4.16MB 4.16MHZ [EDG/EM]
FL801	EO-388362J	COIL OSC 1 V1102
IC601	EI-405722J	IC UPD6450CX-515
IC602	EI-403469J	IC MM1068XS
IC701	EI-366892	IC BA7025L [EDG/EM]
IC702	EI-200573	IC TC4053BP [EM/ES]
IC801	EI-388360J	IC BA7765AS
L601	EO-345881	COIL FIX 1 EL0606SKI 101J
L602	EO-345876	COIL FIX 1 EL0606SKI 470J
L603	EO-351866	COIL FIX 1 LAP02 F05 330K [EXCEPT ES]
L604	EO-351866	COIL FIX 1 LAP02 F05 330K
L605	EO-345881	COIL FIX 1 EL0606SKI 101J
L701	EO-345881	COIL FIX 1 EL0606SKI 101J [EXCEPT EOH]
L702	EO-345881	COIL FIX 1 EL0606SKI 101J [EM/ES]
L801	EO-390717J	COIL FIX 1 LHL06TB T05 103J
L802	EO-390716J	COIL FIX 1 LHL06TB T05 272J
TR601	ET-353899	TR 2SA1317 S,T,U
TR602	ET-354414	TR DTC144ES
TR603	ET-397160J	TR 2SC3330 R,S,T,U,V
TR604	ET-397160J	TR 2SC3330 R,S,T,U,V [EXCEPT ES]
TR605	ET-356336	TR DTA114ES [EXCEPT ES]
TR606	ET-356336	TR DTA114ES [EXCEPT ES]
TR607	ET-353899	TR 2SA1317 S,T,U
TR608	ET-353899	TR 2SA1317 S,T,U
TR609	ET-354414	TR DTC144ES [EXCEPT ES]
TR701	ET-397160J	TR 2SC3330 R,S,T,U,V [EXCEPT EOH]
TR702	ET-397160J	TR 2SC3330 R,S,T,U,V [EDG/EM]
TR751	ET-397160J	TR 2SC3330 R,S,T,U,V [EM/ES]
TR752	ET-397160J	TR 2SC3330 R,S,T,U,V [EM/ES]
TR753	ET-397160J	TR 2SC3330 R,S,T,U,V [EM/ES]
TR754	ET-397160J	TR 2SC3330 R,S,T,U,V [EM/ES]
TR801	ET-397160J	TR 2SC3330 R,S,T,U,V
TR803	ET-354414	TR DTC144ES [EM/ES]
VC601	EC-394757J	C S-FIX H T05 VCT51F 5.5-30
VL701	EO-366893	COIL VARI 1 21D6 8.20MH [EDG/EM]
VR801	EV-403967J	R S-FIX V T05EVNDCAA03 0.1W332
VR802	EV-403968J	R S-FIX V T05EVNDCAA03 0.1W473
X601	EI-389974J	OSC XTAL HC-49/U 17.734475MHZ
X602	EI-403467J	OSC CE CSB500F40 15.680KHZ

8. PRE-AMP P.C BOARD

Ref.No.	Part No.	Description
D1	ED-307572	D SILICON H 1SS131
D2	ED-307572	D SILICON H 1SS131
IC1	EI-403250J	IC LA7376
L1	EO-376858	COIL FIX 1 LF-5.0S F05 560K
L2	EO-376606	COIL FIX 1 LF-5.0S F05 180K
L3	EO-381195J	COIL FIX 1 EL0405SKI 331K
L4	EO-376859	COIL FIX 1 LF-5.0S F05 8R2K
L5A	EO-381191J	COIL FIX 1 EL0405SKI 181K [ES]
L5B	EO-388088J	COIL FIX 1 EL0405SKI 151K [EXCEPT ES]
L6	EO-376612	COIL FIX 1 LF-5.0S F05 680K
L7	EO-376603	COIL FIX 1 LF-5.0S F05 150K
L8A	EO-381193J	COIL FIX 1 EL0405SKI 271K [ES]
L8B	EO-387803J	COIL FIX 1 EL0405SKI 221K [EXCEPT ES]
L9	EO-345880	COIL FIX 1 EL0606SKI 820J
L10	EO-345880	COIL FIX 1 EL0606SKI 820J
L13	EO-345880	COIL FIX 1 EL0606SKI 820J
L14	EO-376860	COIL FIX 1 LF-5.0S F05 820K
PS1	EJ-381075J	SOCKET HOUSING 5062-30-10-12
TR1	ET-397160J	TR 2SC3330 R,S,T,U,V
TR2	ET-353899	TR 2SA1317 S,T,U
TR3	ET-397160J	TR 2SC3330 R,S,T,U,V
TR4	ET-364040	TR UN421D
TR5	ET-397160J	TR 2SC3330 R,S,T,U,V
TR6	ET-353899	TR 2SA1317 S,T,U
TR7	ET-360399	TR DTC114TS [EXCEPT ES]
TR8	ET-397160J	TR 2SC3330 R,S,T,U,V
TR9	ET-360399	TR DTC114TS [EM/ES]
TR10	ET-364040	TR UN421D
TR11	ET-354414	TR DTC144ES [EXCEPT ES]
TR12	ET-397160J	TR 2SC3330 R,S,T,U,V
TR13	ET-353899	TR 2SA1317 S,T,U
TR14	ET-353899	TR 2SA1317 S,T,U
TR15	ET-360399	TR DTC114TS
TR16	ET-397160J	TR 2SC3330 R,S,T,U,V
VR1	EV-390157J	R S-FIX V KVSF639A 0.10W 102
VR2	EV-390157J	R S-FIX V KVSF639A 0.10W 102
VR3	EV-405248J	R S-FIX V T05EVNDCAA03 0.1W471
WP1	EW-403256J1	CORD FFC P1.25 L=230 12P

9. OPERATION P.C BOARD

Ref.No.	Part No.	Description
D2	ED-307572	D SILICON H 1SS131 [EOH]
D5	ED-307572	D SILICON H 1SS131 [EM/ES]
D10	ED-403279J	D ZENER H UTZJ9.1B
D11	ED-403278J	D ZENER H UTZJ7.5B
D12	ED-307572	D SILICON H 1SS131
D13	ED-307572	D SILICON H 1SS131
D14	ED-307572	D SILICON H 1SS131
D15	ED-307572	D SILICON H 1SS131
D17	ED-307572	D SILICON H 1SS131
D25	ED-307572	D SILICON H 1SS131
D26	ED-307572	D SILICON H 1SS131
D27	ED-307572	D SILICON H 1SS131
D32	ED-307572	D SILICON H 1SS131 [EOH]
D41	ED-307572	D SILICON H 1SS131 [EDG/EM]
D42	ED-307572	D SILICON H 1SS131 [EM/ES]
D43	ED-307572	D SILICON H 1SS131 [EDG/ES]
FL1	EM-401077J	IND FL FV496G CHARACTER
IB1	EH-403945J	COMP R RGL9X 103J
IB2	EH-383083J	COMP R RGL9X 103J
IC1	EI-408391J1	IC UPD75217CW-146 JBXOPP2
IC2	EI-408393J	IC ST24C01B1
IC3	EI-373955	IC S-8053ALR
PH1	ET-381637J2	DETECTOR GP1U521X
PS1	EJ-389815J	SOCKET HOUSING 5062-30-10-15
PS2	EJ-387497J	SOCKET HOUSING 5062-30-10-13
SW1A	ES-408404J	SW TACT EVQ 235 07K T05 [EXCEPT 265/290 EOH]
SW1B	ES-408405J	SW TACT EVQ 235 09K T05 [265/290 EOH]
SW2	ES-349474	SW TACT SKHHAM004A
SW3	ES-349474	SW TACT SKHHAM004A
SW4	ES-349474	SW TACT SKHHAM004A
SW5	ES-349474	SW TACT SKHHAM004A
SW6	ES-349474	SW TACT SKHHAM004A
SW7	ES-349474	SW TACT SKHHAM004A
SW8	ES-349474	SW TACT SKHHAM004A
SW9	ES-349474	SW TACT SKHHAM004A
SW12	ES-349474	SW TACT SKHHAM004A
TR1	ET-354414	TR DTC144ES
WP1	EW-394623J	CORD FFC P1.25 L=110 15P
WP2	EW-389313J	CORD FFC P1.25 L=120 13P
X1	EI-373957J1	OSC CE CST4.19MGW 4.194MHZ
X2	EI-368825	OSC XTAL MX-38T 32.768KHZ

10. VIF UNIT (EM/EOH)

Ref.No.	Part No.	Description
CF1	EH-730625J	FILTER CE SAF38.9MZW70Z
CF2	EH-373920	FILTER CE SFE5.5MB
CF3A	EH-729986J	FILTER CE TPS5.5MB2 [EM]
CF3B	EH-368948	FILTER CE TPS5.5MW 5.5000MHZ [EOH]
IC1	EI-368809	IC M51496P
L1	EO-387800J	COIL FIX 1 EL0405SKI 2R7K
L3	EO-725953J	COIL SIF DET 6F16263A2
L4	EO-714614	COIL RF 6F16115B1
L5	EO-714610	COIL RF 6F16113B1
L6	EO-387799J	COIL FIX 1 EL0405SKI 180K
L7	EO-387799J	COIL FIX 1 EL0405SKI 180K
L8	EO-387802J	COIL FIX 1 EL0405SKI 330K
Q1	ET-725820J	TR CHIP 2SC2735J
Q2	ET-713614	TR CHIP 2SA1235 E.F
VR2	EV-404298J	R S-FIX H T05 KVSF637T 0.1W222
VR51	EV-405658J	R S-FIX H T05 KVSF637T 0.1W223

11. VIF UNIT (EDG)

Ref.No.	Part No.	Description
CF1	EH-368816	FILTER CE SAF38.0MZA70Z
CF2	EH-376338	FILTER CE TPS6.5MB
CF3	EH-368948	FILTER CE TPS5.5MW 5.5000MHZ
CF4	EH-373918	FILTER CE TPS5.5MB
CF51	EH-388287J	FILTER CE SFS6.5MX 6.500MHZ
CF52	EH-368827	FILTER CE SFS5.5MD 5.500MHZ
CF53	EH-780128	FILTER CE SFE 6.5MB
IC1	EI-368809	IC M51496P
L1	EO-387782J	COIL FIX 1 EL0405SKI 2R2K
L2	EO-732831J	COIL SIF DET 6F16437A2
L3	EO-732832J	COIL AFT 6F16435A1
L4	EO-732833J	COIL TANK 7KL 6F16436A1
L5	EO-397238J	COIL FIX 1 EL0405SKI 6R8K
L6	EO-387798J	COIL FIX 1 EL0405SKI 150K
L51	EO-396361J	COIL FIX 1 EL0405SKI 8R2K
L52	EO-387803J	COIL FIX 1 EL0405SKI 221K
Q1	ET-725820J	TR CHIP 2SC2735J
Q2	ET-713614	TR CHIP 2SA1235 E.F
Q3	ET-370819	TR.CHIP 2SC3052
Q4	ET-713614	TR CHIP 2SA1235 E.F
Q51	ET-370819	TR.CHIP 2SC3052
Q52	ET-370819	TR.CHIP 2SC3052
VR1	EV-405658J	R S-FIX H T05 KVSF637T 0.1W223
VR2	EV-404298J	R S-FIX H T05 KVSF637T 0.1W222
X51	EI-368829	OSC CE CSB512P

12. VIF UNIT (ES)

Ref.No.	Part No.	Description
CF1	EH-714627	FILTER SAW SAF38.9MW70Z
CF2	EH-373921	FILTER CE SFE6.0MB
CF3	EH-373919	FILTER CE TPS6.0MB
IC1	EI-368809	IC M51496P
L1	EO-387800J	COIL FIX 1 EL0405SKI 2R7K
L3	EO-725954J	COIL SIF DET 6F16263A3
L4	EO-714614	COIL RF 6F16115B1
L5	EO-714610	COIL RF 6F16113B1
L6	EO-387798J	COIL FIX 1 EL0405SKI 150K
L7	EO-387798J	COIL FIX 1 EL0405SKI 150K
L8	EO-387802J	COIL FIX 1 EL0405SKI 330K
Q1	ET-725820J	TR CHIP 2SC2735J
Q2	ET-713614	TR CHIP 2SA1235 E.F
VR2	EV-404298J	R S-FIX H T05 KVSF637T 0.1W222
VR51	EV-405658J	R S-FIX H T05 KVSF637T 0.1W223

13. POWER SUPPLY P.C BOARD (EXCEPT EM)

Ref.No.	Part No.	Description
C1	EC-406634J	C EC V SXE12 222M 25.0DC
C2	EC-363490	C EC V CUT SME 222M 16.0DC
C3	EC-406635J	C EC V SXE16 222M 35.0DC
C4	EC-406636J	C EC V T05 SXE6 270M 63.0DC
C5	EC-406636J	C EC V T05 SXE6 270M 63.0DC
C10	EC-405612J	C EC V T05 SXE4 4R7M 50.0DC
D1	*ED-511907	D SILICON 1N4002 100/1.0A
D2	*ED-511907	D SILICON 1N4002 100/1.0A
D3	*ED-511907	D SILICON 1N4002 100/1.0A
D4	*ED-511907	D SILICON 1N4002 100/1.0A
D5	*ED-511907	D SILICON 1N4002 100/1.0A [EXCEPT EOH]
D6	*ED-511907	D SILICON 1N4002 100/1.0A [EXCEPT EOH]
D7	*ED-511907	D SILICON 1N4002 100/1.0A [EXCEPT EOH]
D8	*ED-511907	D SILICON 1N4002 100/1.0A [EXCEPT EOH]
D9	*ED-511907	D SILICON 1N4002 100/1.0A
D10	*ED-511907	D SILICON 1N4002 100/1.0A [EXCEPT EOH]
D11	*ED-511907	D SILICON 1N4002 100/1.0A
D12	*ED-511907	D SILICON 1N4002 100/1.0A [EXCEPT EOH]
D13	ED-405373J	D ZENER H MTZJ16A T26
D14	ED-404032J	D ZENER H UTZJ39A
D15	ED-405524J	D ZENER H MTZJ36A T26
D16	*ED-404029J	D ZENER H UTZJ10B T26
D17	*ED-511907	D SILICON 1N4002 100/1.0A [EXCEPT EOH]
D18	*ED-511907	D SILICON 1N4002 100/1.0A [EXCEPT EOH]
FR1	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
FR2	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
FR3	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
FR4	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
FR5	*ER-400605J	R FUSE V T05 ERD2FCV 1/4W15R0G
TR1	*ET-381175J	TR 2SD1856
TR2	*ET-366365	TR 2SB1185 E,F
TR3	*ET-405622J	TR 2SD2061 E,F
TR4	*ET-405622J	TR 2SD2061 E,F
TR5	*ET-405622J	TR 2SD2061 E,F
TR6	*ET-391025J	TR 2SD2012
TR7	*ET-366365	TR 2SB1185 E,F

14. DIODE P.C BOARD (EOH)

Ref.No.	Part No.	Description
D1	*ED-379298	D SILICON DBA20B 100/2.0A

15. POWER SUPPLY (1) P.C BOARD (EM)

Ref.No.	Part No.	Description
C1	EC-408376J	C EC V CUT KMG 102M 50.0DC
C2	EC-408377J	C EC V CUT KMG 222M 50.0DC
C3	EC-408426J	C EC V F05 LXF8 121M 50.0DC
C4	EC-403878J	C EC V T05 LXF8 271M 16.0DC
C14	EC-408426J	C EC V F05 LXF8 121M 50.0DC
C15	EC-403878J	C EC V T05 LXF8 271M 16.0DC
C20	EC-403880J	C EC V T05 LXF8 221M 25.0DC
C23	EC-404197J	C EC V T05 SXE8 330M 80.0DC
C24	EC-404197J	C EC V T05 SXE8 330M 80.0DC
C101	*EC-389414J	C CE V DE7 B102K 400AC
D3	*ED-511907	D SILICON 1N4002 100/1.0A
D4	*ED-511907	D SILICON 1N4002 100/1.0A
D6	*ED-386226J	D SCHOTTKY RB100AT-32T26 40/1
D8	*ED-386226J	D SCHOTTKY RB100AT-32T26 40/1
D11	*ED-386226J	D SCHOTTKY RB100AT-32T26 40/1
D16	ED-307572	D SILICON H 1SS131
D17	*ED-511907	D SILICON 1N4002 100/1.0A
D18	*ED-511907	D SILICON 1N4002 100/1.0A
D19	ED-404032J	D ZENER H UTZJ39A
D20	ED-405524J	D ZENER H MTZJ36A T26
D27	ED-408807J	D ZENER H HZS12C3
D28	ED-391005J	D ZENER H HZS12B1
D54	ED-307572	D SILICON H 1SS131
D55	ED-307572	D SILICON H 1SS131
D57	ED-405264J	D ZENER H UTZJ10C
D58	ED-405264J	D ZENER H UTZJ10C
D71	*ED-511907	D SILICON 1N4002 100/1.0A
D72	*ED-511907	D SILICON 1N4002 100/1.0A
D73	*ED-511907	D SILICON 1N4002 100/1.0A
D74	*ED-511907	D SILICON 1N4002 100/1.0A
D101	*ED-511907	D SILICON 1N4002 100/1.0A
D102	ED-403947J	D ZENER H UTZJ22C T26
D103	ED-307572	D SILICON H 1SS131
D104	ED-404031J	D ZENER H UTZJ11B T26
D106	ED-401046J	D SILICON RL104F-E T26 400/1A
D107	ED-403948J	D ZENER H UTZJ16C T26
D108	ED-405265J	D ZENER H UTZJ36C
D109	ED-405265J	D ZENER H UTZJ36C
FR1	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
FR2	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
FR3	*ER-400605J	R FUSE V T05 ERD2FCV 1/4W15R0G
FR4	*ER-400689J	R FUSE V T05 RF25SCVTP1/4WR68K
FR5	*ER-405441J	R FUSE V T05 RF25SCVTP1/4WR27K
FR101	*ER-400689J	R FUSE V T05 RF25SCVTP1/4WR68K
FR102	*ER-401039J	R FUSE V T05 ERD2FCV 1/4W 4R7J
L1	EO-408381J	COIL FIX 2 C-5344-40 560K
L2	EO-408381J	COIL FIX 2 C-5344-40 560K
L3	EO-408381J	COIL FIX 2 C-5344-40 560K
L4	EO-408381J	COIL FIX 2 C-5344-40 560K
L6	EO-386541J	COIL FIX 1 ELF1010SKI 101K
L9	EO-393769J	COIL FIX 1 LHL06TB T05 471K
R14	ER-393768J	R OMF H S15 FS 2W 270J
RL101	*EQ-400153J	RELAY POW AG2013 1TR 12V
TR1	*ET-366365	TR 2SB1185 E,F
TR5	*ET-366365	TR 2SB1185 E,F
TR6	ET-356817	TR 2SB891 Q,R
TR9	*ET-366365	TR 2SB1185 E,F
TR12	*ET-405622J	TR 2SD2061 E,F
TR13	*ET-366365	TR 2SB1185 E,F
TR14	ET-360399	TR DTC114TS
TR15	ET-360399	TR DTC114TS
TR16	ET-397160J	TR 2SC3330 R,S,T,U,V
TR101	ET-389803J	TR 2SA933S R,S
TR102	ET-400218J	TR 2SC1740S R,S
TR103	ET-366168	TR 2SD1292 Q,R
TR104	ET-366365	TR 2SB1185 E,F
TR106	ET-389803J	TR 2SA933S R,S
TR107	*ET-404195J	TR 2SC4486 S,T T05

16. POWER SUPPLY (2) P.C BOARD (EM)

Ref.No.	Part No.	Description
D7	ED-405264J	D ZENER H UTZJ10C
D10	ED-307572	D SILICON H 1SS131
D50	ED-403732J	D ZENER H UTZJ5.6A
D56	ED-391005J	D ZENER H HZS12B1
IC1	*EI-381575J	IC BA6121
L10	EO-380091J1	COIL FIX 2 C-5293-01 560K
TR2	*ET-405622J	TR 2SD2061 E,F
TR3	ET-389803J	TR 2SA933S R,S
TR4	*ET-366168	TR 2SD1292 Q,R
TR7	*ET-405622J	TR 2SD2061 E,F
TR8	ET-389803J	TR 2SA933S R,S
TR50	ET-353897	TR DTC114ES

17. DIODE P.C BOARD (EM)

Ref.No.	Part No.	Description
D60	*ED-379298	D SILICON DBA20B 100/2.0A

18. SUB P.C BOARD (EM)

Ref.No.	Part No.	Description
D1	ED-401099J	D SCHOTTKY MA719 T26 40/0.5A
D2	ED-401099J	D SCHOTTKY MA719 T26 40/0.5A
D3	ED-403267J	D ZENER H MTZJ3.3B T26
TR1	ET-366365	TR 2SB1185 E,F
TR2	ET-397160J	TR 2SC3330 R,S,T,U,V
TR3	ET-397160J	TR 2SC3330 R,S,T,U,V

19. FINAL ASSEMBLY BLOCK

Ref.No.	Part No.	Description
1A	BD-407462J1	PANEL FRONT VS-F260EDG PART
1B	BD-407464J1	PANEL FRONT VS-F260EM PART
1C	BD-407506J1	PANEL FRONT VS-F260EOH PART
1D	BD-407508J	PANEL FRONT VS-F265EOH PART
1E	BD-407509J1	PANEL FRONT VS-F275EOH PART
1F	BD-407503J1	PANEL FRONT VS-F280EO PART [280EOH]
1G	BD-407505J	PANEL FRONT VS-F290EOH PART
1H	BD-407465J1	PANEL FRONT VS-F260ES PART
2A	SE-409018J1	MASK CASSETTE VS-F260 (E) [EDG]
2B	SE-409019J1	MASK CASSETTE VS-F260 (E2) [EM/ES]
2C	SE-409025J1	MASK CASSETTE VS-F260 (E3) [260EOH]
2D	SE-409259J	MASK CASSETTE VS-F265 (E) [265EOH]
2E	SE-409023J1	MASK CASSETTE VS-F275 (E) [275EOH]
2F	SE-409024J1	MASK CASSETTE VS-F280 (E) [280EOH]
2G	SE-409264J	MASK CASSETTE VS-F290 (E) [290EOH]
3	ZG-387370J	SP MASK
4	SZ-401874J	STOPPER MASK
5A	SE-407725J	WINDOW FLD (EDG)
5B	SE-407416J	WINDOW FLD (EM)
6	SC-387353J	COVER TRANS
7	ZS-362378	PLX BID30X10STL CMT
8	SA-387507J	FOOT SX
9	ZS-358936	ST BID30X06STL CMT
10	ZS-378341	PLX BID30X12STL CMT
11	ZG-387505J	PLATE EARTH
12	ZS-373962	PLX BID40X10STL CMT
13	ZG-387354J	PLATE EARTH (2)
14	SP-407479J	COVER UPPER JX
15	ZS-385611J	DT BID26X06STL BNI
16	ZS-391046J	PLX BID26X10STL BNI
17	ZS-357946	PLX PAN30X10STL CMT C080
18	ZG-392214J1	PLATE EARTH (3)
19A	*BT-403874J	TRANS POW V1130 EDG [EDG]
19B	*BT-403251J	TRANS POW V1130 EM [EM]
19C	*BT-403873J	TRANS POW V1130 EO [EOH]
19D	*BT-404028J	TRANS POW V1130 ES [ES]
20	*EW-404002M	AC CORD 200 SE-1 WITH TUBE E

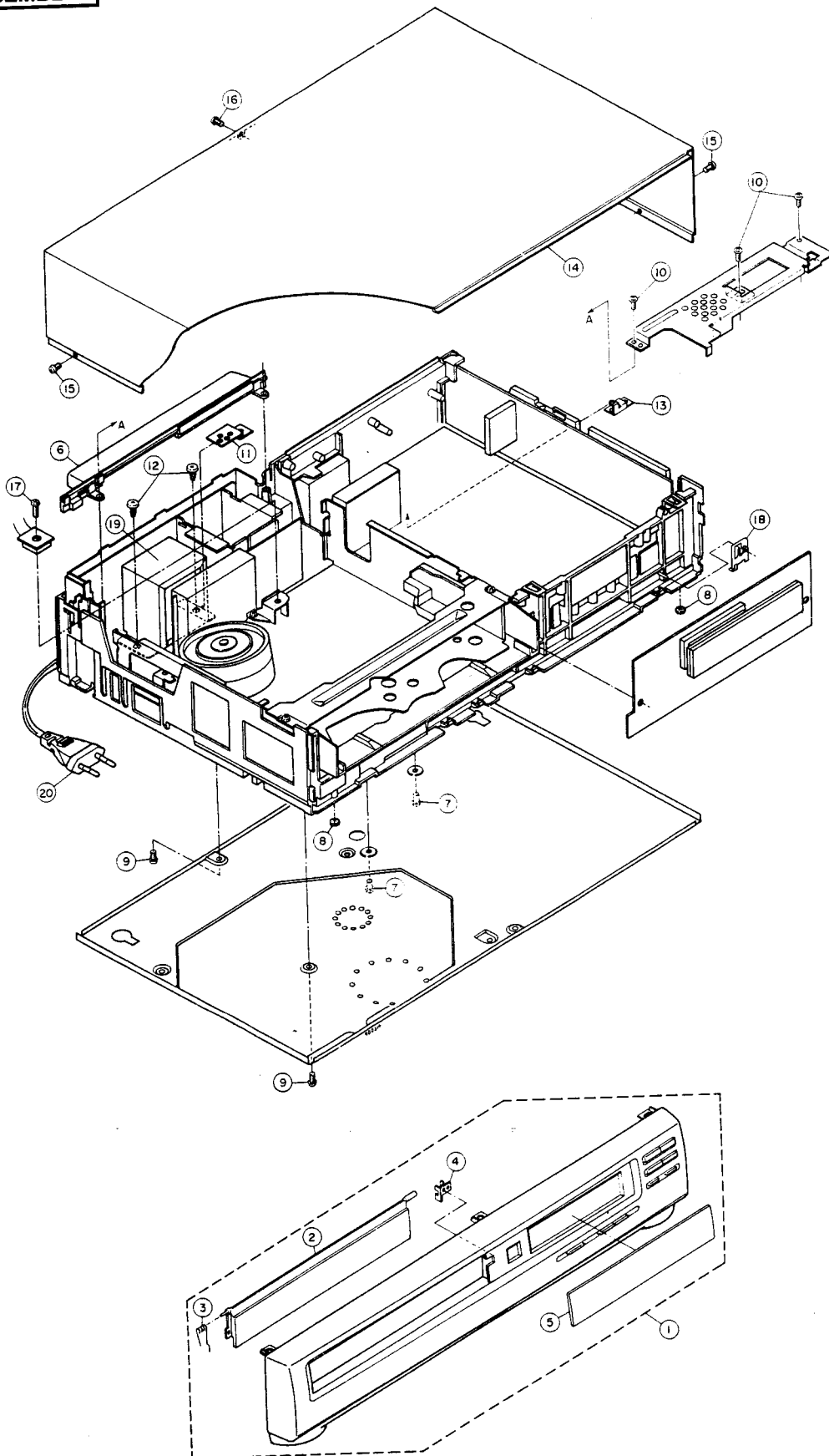
NOTE:

Parts will not be supplied if they are not listed in the parts list, even if they appear on the assembling illustrations with reference No.

20. ACCASSARY

Ref.No.	Part No.	Description
1	EW-348414	CORD PAL
2A	AV-B1038A010A	REMOCON BLK RC-V250E [EXCEPT 275/290EOH]
2B	AV-B1042A010C	REMOCON BLK RC-V252E (G) [275/290EOH]

FINAL ASSEMBLY



6-2. MODEL VS-F260EO, F270EOG, F280EO/EOG-V

1.RECOMMENDED SPARE PARTS

We suggest you to stock the following Recommended Spare Part items listed below since they can cover most of the routine service.

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
1	AV-B1038A010A	REMOCON BLK RC-V250E [EO]	59	EH-386637J	COMP R RGL8X 103J
2	AV-B1039A010A	REMOCON BLK RC-V251G [EOG-V]	60	EH-403945J	COMP R RGL9X 103J
3	AV-B1042A010C	REMOCON BLK RC-V252E (G) [EOG]	61	EH-390730J	DL EFD-JF124A13J
4	BB-V1130A020H	MECHA DECK BLK F260EA	62	EH-730625J	FILTER CE SAF38.9MZV70Z
5	BL-V1102A140A	ARM LOADING BLK 425EA	63	EH-366894	FILTER CE SFE-4.16MB 4.16MHZ [EOG/EOG-V]
6	BL-V1102A050A	TENSION ARM BLK 425EA	64	EH-373920	FILTER CE SFE5.5MB
7	BM-400682J1	MOTOR DFX-67B3VWB1 [CAPSTAN MOTOR]	65	EH-368948	FILTER CE TPSS5.5MW 5.5000MHZ
8	BM-401296J	MOTOR E20EL89 [DRUM MOTOR]	66	EH-394684J	FILTER EMI ZBF503D-00TA T05
9	BM-387503J	MOTOR PART [LOADING MOTOR]	67	EI-408416J1	IC MN675121 XAV4 KBXSYP5
10	*BT-403873J	TRANS POW V1130 EO [EXCEPT EOG-V]	68	EI-394680J	IC AN3171K
11	*BT-403883J	TRANS POW V1130 EOG-V [EOG-V]	69	EI-373981J1	IC BA10393N
12	BV-V1102A150A	CASSETTE LOAD BLK 425EA	70	EI-373980	IC BA15218N
13	BV-V1102A070A	LEADER S BLK 425EA	71	*EI-381575J	IC BA6121
14	BV-V1102A080A	LEADER T BLK 425EA	72	EI-353421	IC BA6229
15	BV-V1123A410A	LOWER DRUM BLK X400EGN	73	EI-366892	IC BA7025L [EOG/EOG-V]
16	BV-403409J	RF CONVERTER MDLK6D755A EO	74	EI-388360J	IC BA7765AS
17	BV-V1123A420A	UPPER DRUM BLK X400EGN	75	EI-403231J	IC CD4066BE
18	BV-403241J1	VIF UNIT KX EOG	76	EI-403250J	IC LA7376
19	EA-387496J	PC (#) SENSOR	77	EI-403234J1	IC LA7391A
20	*EC-391843J	C DOUBLE FYDOH 223Z 5.5DC	78	EI-394856J	IC LC8992
21	EC-408376J	C EC V CUT KMG 102M 50.0DC	79	EI-401050J	IC LVA523SA2
22	EC-408377J	C EC V CUT KMG 222M 50.0DC	80	EI-389622J	IC L5631
23	EC-408426J	C EC V F05 LXF8 121M 50.0DC	81	EI-387019J	IC MC1377P
24	EC-406639J	C EC V T05 LXF6 330M 63.0DC	82	EI-408434J	IC MV1815
25	EC-403880J	C EC V T05 LXF8 221M 25.0DC	83	EI-408408J1	IC M50933-128FP JXLCDR2
26	EC-403878J	C EC V T05 LXF8 271M 16.0DC	84	EI-368809	IC M51496P
27	ED-390011J	D LED GL451 INFRARED [D1]	85	EI-400756J	IC NJM4558L-B
28	ED-390012J	D LED GL4800 INFRARED [D2]	86	EI-400672J	IC S-8052ALB-LE
29	ED-403450J	D LED SE303ARF-C INFRARED	87	EI-373955	IC S-8053ALR
30	ED-401099J	D SCHOTTKY MA719 T26 40/0.5A [EOG/EOG-V]	88	EI-385958J	IC SAA4700
31	ED-386226J	D SCHOTTKY RB100AT-32T26 40/1 [EOG]	89	EI-408393J	IC ST24C01B1
32	ED-386031J	D SILICON CHIP MA110-TW	90	EI-405224J	IC ST24C02
33	*ED-379298	D SILICON DBA20B 100/2.0A	91	EI-376112	IC UPD6122G
34	ED-366443	D SILICON H MA700FA5 F10	92	EI-405722J	IC UPD6450CX-515
35	ED-307572	D SILICON H 1SS131	93	EI-408430J	IC UPD75004CU-*** JXVPS1
36	ED-511907	D SILICON 1N4002 100/1.0A	94	EI-408391J1	IC UPD75217CW-146 JBXOPP2
37	ED-391005J	D ZENER H HZS12B1	95	EI-408432J	IC UPD75218CW-*** JXVPT1
38	ED-396060J	D ZENER H HZS18-2	96	EI-410125J	IC V53C464A***
39	ED-397233J	D ZENER H HZS5C3	97	EI-403451J	OSC CE CSB1200J 1.200MHZ
40	ED-387919J	D ZENER H HZS6A1L	98	EI-403467J	OSC CE CSB500F40 15.680KHZ
41	ED-405603J	D ZENER H MTZJ10B T26	99	EI-373957J1	OSC CE CST4.19MGW 4.194MHZ
42	ED-405373J	D ZENER H MTZJ16A T26	100	EI-390687J	OSC CE CSU455PL 455KHZ
43	ED-403267J	D ZENER H MTZJ3.3B T26	101	EI-408433J	OSC XTAL HC-43/U 27750KHZ
44	ED-405524J	D ZENER H MTZJ36A T26	102	EI-389974J	OSC XTAL HC-49/U 17.734475MHZ
45	ED-405604J	D ZENER H MTZJ4.3C T26	103	EI-389640J	OSC XTAL HC-49/U 8000KHZ
46	ED-403724J	D ZENER H UTZJ10A	104	EI-394673J	OSC XTAL HC-49/U 8867.238KHZ
47	*ED-404029J	D ZENER H UTZJ10B T26	105	EI-368825	OSC XTAL MX-38T 32.768KHZ
48	ED-405264J	D ZENER H UTZJ10C	106	EI-381632J	OSC XTAL 86686 4.433619MHZ
49	ED-403726J	D ZENER H UTZJ30B [EOG/EOG-V]	107	EJ-403095J	TERMINAL LCD (3) B1014
50	ED-404032J	D ZENER H UTZJ39A	108	EM-401077J	IND FL FV496G CHARACTER
51	ED-405446J	D ZENER H UTZJ5.6B T26	109	EM-403448J	IND LCD LF5381G ENGLISH
52	ED-403730J	D ZENER H UTZJ6.2A [EOG/EOG-V]	110	EO-408381J	COIL FIX 2 C-5344-40 560K
53	ED-403278J	D ZENER H UTZJ7.5B	111	EO-388362J	COIL OSC 1 V1102
54	ED-404086J	D ZENER H UTZJ7.5C	112	*ER-331188	R FUSE H S10 ERD2FC 1/4W 8R2J
55	ED-403279J	D ZENER H UTZJ9.1B	113	*ER-400959J	R FUSE V T05 ERD2FCV 1/4W1200G
56	EE-387604J2	TV TUNER TERE1-007C EOG	114	*ER-400605J	R FUSE V T05 ERD2FCV 1/4W1500G
57	EH-383083J	COMP R RGL3X 103J	115	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
58	EH-383056J	COMP R RGL4X 103J	116	*ER-405441J	R FUSE V T05 RF25SCVTP1/4WR27K
			117	*ER-400729J	R FUSE V T05 RF25SCVTP1/4WR47K
			118	*ER-404093J	R FUSE V T05 RF25SCVTP1/4WR56K
			119	*ER-400689J	R FUSE V T05 RF25SCVTP1/4WR58K
			120	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
			121	ER-403405J	R OMF H S12 FS 1W R75J
			122	ER-333091	R OMF H S20 FS 2W 360J
			123	ES-373099	SW LEAF MTS10110MPC1
			124	ES-387465J	SW MODE SELECT MMS00070ZL3 O [SW1]
			125	ES-408404J	SW TACT EVQ 235 07K T05 [280EO]

Ref.No.	Part No.	Description
126	ES-408405J	SW TACT EVQ 235 09K T05 [EXCEPT 280EO]
127	ES-349474	SW TACT SKHHAM004A
128	ET-381637J2	DETECTOR GP1U521X
129	ET-724885J	TR CHIP RT1N141C
130	ET-713614	TR CHIP 2SA1235 E,F
131	ET-725820J	TR CHIP 2SC2735J
132	ET-356336	TR DTA114ES
133	ET-354415	TR DTA144ES
134	ET-373985	TR DTA144TS
135	ET-353897	TR DTC114ES
136	ET-360399	TR DTC114TS
137	ET-354364	TR DTC143TS
138	ET-354414	TR DTC144ES
139	ET-361490	TR PHOTO PN268 [TR1]
140	ET-390010J	TR PHOTO PT4800 [TR2]
141	ET-390009J	TR PHOTO PT493F [TR4]
142	ET-364040	TR UN421D
143	ET-353899	TR 2SA1317 S,T,U
144	*ET-366365	TR 2SB1185 E,F
145	ET-388338J	TR 2SB1425 S,E
146	ET-356817	TR 2SB891 Q,R
147	ET-375777	TR 2SC2926S P,Q
148	ET-397160J	TR 2SC3330 R,S,T,U,V
149	ET-354083	TR 2SD1189 Q,R
150	ET-366168	TR 2SD1292 Q,R [EOG/EOG-V]
151	*ET-381175J	TR 2SD1856
152	ET-405622J	TR 2SD2061 E,F
153	ET-390826J	TR.CHIP 2SD1619 T,U TC T08
154	HE-390013J	HEAD E HVFME0020A
155	HR-405340J	HEAD COMBO HVMZA1121A
156	MB-387289J	BELT CAPSTAN
157	MI-387294J	IDLER PART
158	ML-391745J3	ARM DAMPER
159	ML-387350J1	ARM LID OPENER
160	ML-387423J	ARM LOADING BRAKE
161	ML-387277J3	ARM REVIEW PART
162	ML-387402J1	LEVER TRIGGER
163	ML-387316J	MAIN BRAKE (S) PART
164	ML-387318J	MAIN BRAKE (T) PART
165	ML-387321J	REVIEW BRAKE PART
166	ML-387324J1	SLIDER BRAKE PART
167	ML-404944J	SLIDER TRIGGER (2)
168	MP-404852J	PINCH ROLLER (2) PART
169	MR-387406J	HOLDER THRUST WORM
170	MR-391968J	PULLEY TRIGGER (2)
171	MR-387286J1	ROLLER IMPEDANCE
172	MT-390954J1	DISK (2) PART
173	MZ-387298J3	DISK CLUTCH PART
174	MZ-387331J	GEAR CAM SLIDER
175	MZ-387335J	GEAR EJECT
176	MZ-387333J	GEAR FRONT LOADING
177	MZ-V1102A090A	GEAR TOGGLE (S) BLK 425EA
178	MZ-V1102A100A	GEAR TOGGLE (T) BLK 425EA
179	MZ-387332J	GEAR WORM WHEEL

※ Parts list for HEAD DRUM, MECHA. (1) and MECHA.
(2) BLOCK refer to 6-1. EOH list (P24 to 26)

5. P.C BOARD BLK

Ref.No.	Part No.	Description
1A	BA-V1130A600E	PC (#) MAIN (PAL) BLK F200EO [EO]
1B	BA-V1130Q605F	FRPC (#) MAIN (PAL) BLKF270EOG/FR [EOG]
1C	BA-V1130Q600M	FRPC (#) MAIN (PAL)BLKF280EOG-V/FR [EOG-V]
2	BA-V1130A610C	PC PRE AMP BLK F220EDG
3A	BA-V1146Q630J	FRPC OPERATION (A) BLK F260EO/FR
3B	BA-V1146Q630H	FRPC OPERATION (A) BLK F280EO/FR
3C	BA-V1146Q630K	FRPC OPERATION (A) BLK F270EOG/FR
3D	BA-V1146Q640J	FRPC OPERATION (A) BLK F280EOG-V/ FR
4A	BA-V1132A500A	PC (#) POWER EO BLK F200EO [EO]
4B	BA-V1132A500B	PC (#) POWER EO BLK F200EOG [EOG]
4C	BA-V1135A500E	PC (#) POWER EOG BLK F300EOG-V [EOG-V]

PC (#) MAIN (PAL) BLK CONSISTS OF FOLLOWING P.C BOARD.

- MAIN (A) P.C BOARD
- MAIN (B) P.C BOARD

PC (#) POWER EO BLK CONSISTS OF FOLLOWING P.C BOARD.

- POWER P.C BOARD
- DIODE P.C BOARD

PC (#) POWER EOG BLK CONSISTS OF FOLLOWING P.C BOARD.

- POWER SUPPLY (1) P.C BOARD
- POWER SUPPLY (2) P.C BOARD
- DIODE P.C BOARD

6. MAIN (A) P.C BOARD

Ref.No.	Part No.	Description
C369	*EC-391843J	C DOUBLE FYDOH 223Z 5.5DC
D1	ED-307572	D SILICON H 1SS131
D2	ED-307572	D SILICON H 1SS131
D3	ED-307572	D SILICON H 1SS131
D4	ED-307572	D SILICON H 1SS131
D8	ED-387919J	D ZENER H HZS6A1L
D9	ED-307572	D SILICON H 1SS131
D10	ED-307572	D SILICON H 1SS131
D12	ED-405603J	D ZENER H MTZJ10B T26
D13	ED-405604J	D ZENER H MTZJ4.3C T26
D201	ED-307572	D SILICON H 1SS131
D202	ED-307572	D SILICON H 1SS131
D203	ED-307572	D SILICON H 1SS131
D204	ED-397233J	D ZENER H HZS5C3
D205	ED-403267J	D ZENER H MTZJ3.3B T26
D206	ED-307572	D SILICON H 1SS131 [EOG/EOG-V]
D207	ED-307572	D SILICON H 1SS131 [EOG/EOG-V]
D208	ED-307572	D SILICON H 1SS131
D209	ED-307572	D SILICON H 1SS131
D210	ED-403726J	D ZENER H UTZJ30B [EOG/EOG-V]
D211	ED-403730J	D ZENER H UTZJ6.2A [EOG/EOG-V]
D212	ED-511907	D SILICON 1N4002 100/1.0A
D213	ED-511907	D SILICON 1N4002 100/1.0A
D301	ED-307572	D SILICON H 1SS131
D302	ED-307572	D SILICON H 1SS131
D303	ED-404086J	D ZENER H UTZJ7.5C
D304	ED-403724J	D ZENER H UTZJ10A
D305	ED-307572	D SILICON H 1SS131
D306	ED-307572	D SILICON H 1SS131
D307	ED-307572	D SILICON H 1SS131
D308	ED-307572	D SILICON H 1SS131
D309	ED-307572	D SILICON H 1SS131
D401	ED-307572	D SILICON H 1SS131
D402	ED-307572	D SILICON H 1SS131
D405	ED-307572	D SILICON H 1SS131
D406	ED-366443	D SILICON H MA700FA5 F10
D501	ED-307572	D SILICON H 1SS131
D502	ED-307572	D SILICON H 1SS131
D503	ED-307572	D SILICON H 1SS131
D505	ED-307572	D SILICON H 1SS131
D506	ED-307572	D SILICON H 1SS131
D507	ED-307572	D SILICON H 1SS131
D508	ED-307572	D SILICON H 1SS131
DL500	EH-390730J	DL EFD-JF124A13J
FR201	*ER-400959J	R FUSE V T05 ERD2FCV 1/4W1200G
FR202	*ER-404093J	R FUSE V T05 RF25SCVTP1/4WR56K
FR350	*ER-400729J	R FUSE V T05 RF25SCVTP1/4WR47K
FR501	*ER-404093J	R FUSE V T05 RF25SCVTP1/4WR56K
IC1	EI-389622J	IC L5631
IC101	EI-403231J	IC CD4066BE
IC201	EI-400756J	IC NJM4558L-B
IC301	EI-408416J1	IC MN675121 XAV4 KBXSYP5
IC302	EI-353421	IC BA6229
IC303	EI-373980	IC BA15218N
IC400	EI-403234J1	IC LA7391A
IC401	EI-394856J	IC LC8992
IC402	EI-373981J1	IC BA10393N
L101	EO-345881	COIL FIX 1 EL0606SKI 101J
L103	EO-356722	COIL FIX 1 LAP02 F05 6R8K
L301	EO-381196J	COIL FIX 1 EL0405SKI 470K
L302	EO-345881	COIL FIX 1 EL0606SKI 101J
L401	EO-354600	COIL FIX 1 LAP02 F05 101K
L402	EO-357508	COIL FIX 1 LAP02 F05 151K
L403	EO-381192J	COIL FIX 1 EL0405SKI 270K
L404	EO-345880	COIL FIX 1 EL0606SKI 820J
L405	EO-354600	COIL FIX 1 LAP02 F05 101K
L410	EO-345874	COIL FIX 1 EL0606SKI 330J
L470	EO-356722	COIL FIX 1 LAP02 F05 6R8K
L472	EO-345880	COIL FIX 1 EL0606SKI 820J
L474	EO-388161J	COIL FIX 1 EL0405SKI 560K
L480	EO-403937J	COIL FIX 1 EL0405RA T05 4R7J [EOG/EOG-V]
L500	EO-345880	COIL FIX 1 EL0606SKI 820J
L501	EO-353900	COIL FIX 1 LAP02 F05 150K
L505	EO-345880	COIL FIX 1 EL0606SKI 820J
L506	EO-345880	COIL FIX 1 EL0606SKI 820J

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
L507	EO-392817J	COIL FIX 1 EL0405SKI 1R2K	VR301	EV-405665J	R S-FIX H T05 KVSF637T 0.1W333
L508	EO-403937J	COIL FIX 1 EL0405RA T05 4R7J	VR401	EV-405657J	R S-FIX H T05 KVSF637T 0.1W103
L509	EO-345880	COIL FIX 1 EL0606SKI 820J	VR402	EV-404300J	R S-FIX H T05 KVSF637T 0.1W472
L510	EO-403270J	COIL FIX 1 EL0405RA T05 101J	VR403	EV-405659J	R S-FIX H T05 KVSF637T 0.1W682
L511	EO-381195J	COIL FIX 1 EL0405SKI 331K	VR404	EV-405665J	R S-FIX H T05 KVSF637T 0.1W333
L512	EO-381197J	COIL FIX 1 EL0405SKI 471K	WF201	EW-404138J1	CORD KX MA-POW L=225 12P
L570	EO-345880	COIL FIX 1 EL0606SKI 820J	X301	EI-389640J	OSC X'TAL HC-49/U 8000KHZ
MD1	BV-403409J	RF CONVERTER MDLK6D755A EO	X500	EI-381632J	OSC X'TAL 86686 4.433619MHZ
J102	EJ-387613J	SOCKET M1812 21P	1	BV-403241J1	VIF UNIT KX EOG
R214	ER-403405J	R OMF H S12 FS 1W R75J	2	EE-387604J2	TV TUNER TERE1-007C EOG
TR1	ET-353899	TR 2SA1317 S,T,U	3A	SP-387357J	PANEL REAR JACK EK [EO]
TR2	ET-375777	TR 2SC2926S P,Q	3B	SP-388305J	PANEL REAR JACK EOG [EOG/EOG-V]
TR3	ET-353899	TR 2SA1317 S,T,U			
TR4	ET-353899	TR 2SA1317 S,T,U			
TR5	ET-353899	TR 2SA1317 S,T,U			
TR7	ET-353899	TR 2SA1317 S,T,U			
TR8	ET-354414	TR DTC144ES			
TR9	ET-354414	TR DTC144ES			
TR11	ET-353899	TR 2SA1317 S,T,U			
TR12	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR13	ET-353899	TR 2SA1317 S,T,U			
TR15	ET-353897	TR DTC114ES			
TR17	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR18	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR19	ET-354414	TR DTC144ES			
TR20	ET-405622J	TR 2SD2061 E,F			
TR101	ET-354414	TR DTC144ES			
TR102	ET-356336	TR DTA114ES			
TR103	ET-354414	TR DTC144ES			
TR104	ET-353899	TR 2SA1317 S,T,U			
TR105	ET-353899	TR 2SA1317 S,T,U			
TR107	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR108	ET-356336	TR DTA114ES			
TR109	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR201	ET-366168	TR 2SD1292 Q,R [EOG/EOG-V]			
TR202	ET-356336	TR DTA114ES			
TR203	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR205	ET-388338J	TR 2SB1425 S,E			
TR209	ET-354414	TR DTC144ES [EOG/EOG-V]			
TR210	ET-405622J	TR 2SD2061 E,F			
TR211	ET-356336	TR DTA114ES [EOG/EOG-V]			
TR301	ET-354414	TR DTC144ES			
TR302	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR304	ET-354415	TR DTA114ES			
TR306	ET-354414	TR DTC144ES			
TR307	ET-373985	TR DTA114TS			
TR308	ET-373985	TR DTA114TS			
TR309	ET-373985	TR DTA114TS			
TR310	ET-354414	TR DTC144ES			
TR312	ET-354415	TR DTA114ES			
TR401	ET-356336	TR DTA114ES			
TR404	ET-354364	TR DTC143TS			
TR406	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR407	ET-353899	TR 2SA1317 S,T,U			
TR408	ET-354414	TR DTC144ES			
TR409	ET-360399	TR DTC114TS			
TR410	ET-354414	TR DTC144ES			
TR414	ET-388338J	TR 2SB1425 S,E			
TR415	ET-353899	TR 2SA1317 S,T,U			
TR417	ET-360399	TR DTC114TS			
TR421	ET-364040	TR UN421D			
TR423	ET-356336	TR DTA114ES			
TR470	ET-353899	TR 2SA1317 S,T,U			
TR471	ET-353899	TR 2SA1317 S,T,U			
TR501	ET-353897	TR DTC114ES			
TR503	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR506	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR507	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR508	ET-356336	TR DTA114ES			
TR509	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR510	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR511	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR512	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR513	ET-356336	TR DTA114ES			
TR514	ET-354414	TR DTC144ES			
TR515	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR570	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR571	ET-397160J	TR 2SC3330 R,S,T,U,V			
TR572	ET-354414	TR DTC144ES			

7. MAIN (B) P.C BOARD

Ref.No.	Part No.	Description
D601	ED-307572	D SILICON H 1SS131
D603	ED-307572	D SILICON H 1SS131
D801	ED-307572	D SILICON H 1SS131
D802	ED-386226J	D SCHOTTKY RB100AT-32T26 40/1 [EOG]
FL701	EH-366894	FILTER CE SFE-4.16MB 4.16MHZ [EOG/EOG-V]
FL801	EO-388362J	COIL OSC 1 V1102
IC601	EI-405722J	IC UPD6450CX-515
IC602	EI-403469J	IC MM1068XS
IC701	EI-366892	IC BA7025L [EOG/EOG-V]
IC801	EI-388360J	IC BA7765AS
L601	EO-345881	COIL FIX 1 EL0606SKI 101J
L602	EO-345876	COIL FIX 1 EL0606SKI 470J
L603	EO-351866	COIL FIX 1 LAP02 F05 330K
L604	EO-351866	COIL FIX 1 LAP02 F05 330K
L605	EO-345881	COIL FIX 1 EL0606SKI 101J
L701	EO-345881	COIL FIX 1 EL0606SKI 101J [EOG/EOG-V]
L801	EO-390717J	COIL FIX 1 LHL06TB T05 103J
L802	EO-390716J	COIL FIX 1 LHL06TB T05 272J
L850	EO-397389J	COIL FIX 1 EL0606SKI 4R7J [EOG-V]
TR601	ET-353899	TR 2SA1317 S,T,U
TR602	ET-354414	TR DTC144ES
TR603	ET-397160J	TR 2SC3330 R,S,T,U,V
TR604	ET-397160J	TR 2SC3330 R,S,T,U,V
TR605	ET-356336	TR DTA114ES
TR606	ET-356336	TR DTA114ES
TR607	ET-353899	TR 2SA1317 S,T,U
TR608	ET-353899	TR 2SA1317 S,T,U
TR609	ET-354414	TR DTC144ES
TR701	ET-397160J	TR 2SC3330 R,S,T,U,V [EOG/EOG-V]
TR702	ET-397160J	TR 2SC3330 R,S,T,U,V [EOG/EOG-V]
TR801	ET-397160J	TR 2SC3330 R,S,T,U,V
VC601	EC-394757J	C S-FIX H T05 VCT51F 5.5-30
VL701	EO-366893	COIL VARI 1 21D6 8.20MH [EOG/EOG-V]
VR801	EV-403967J	R S-FIX V T05EVNDCAA03 0.1W332
VR802	EV-403968J	R S-FIX V T05EVNDCAA03 0.1W473
X601	EI-389974J	OSC X'TAL HC-49/U 17.734475MHZ
X602	EI-403467J	OSC CE CSB500F40 15.680KHZ

8. PRE-AMP P.C BOARD

Ref.No.	Part No.	Description
D1	ED-307572	D SILICON H 1SS131
D2	ED-307572	D SILICON H 1SS131
IC1	EI-403250J	IC LA7376
L1	EO-376858	COIL FIX 1 LF-5.0S F05 560K
L2	EO-376606	COIL FIX 1 LF-5.0S F05 180K
L3	EO-381195J	COIL FIX 1 EL0405SKI 331K
L4	EO-376859	COIL FIX 1 LF-5.0S F05 8R2K
L5	EO-388088J	COIL FIX 1 EL0405SKI 151K
L6	EO-376612	COIL FIX 1 LF-5.0S F05 680K
L7	EO-376603	COIL FIX 1 LF-5.0S F05 150K
L8	EO-387803J	COIL FIX 1 EL0405SKI 221K
L9	EO-345880	COIL FIX 1 EL0606SKI 820J
L10	EO-345880	COIL FIX 1 EL0606SKI 820J
L13	EO-345880	COIL FIX 1 EL0606SKI 820J
L14	EO-376860	COIL FIX 1 LF-5.0S F05 820K
PS1	EJ-381075J	SOCKET HOUSING 5062-30-10-12
TR1	ET-397160J	TR 2SC3330 R,S,T,U,V
TR2	ET-353899	TR 2SA1317 S,T,U
TR3	ET-397160J	TR 2SC3330 R,S,T,U,V
TR4	ET-364040	TR UN421D
TR5	ET-397160J	TR 2SC3330 R,S,T,U,V
TR6	ET-353899	TR 2SA1317 S,T,U
TR7	ET-360399	TR DTC114TS
TR8	ET-397160J	TR 2SC3330 R,S,T,U,V
TR10	ET-364040	TR UN421D
TR11	ET-354414	TR DTC144ES
TR12	ET-397160J	TR 2SC3330 R,S,T,U,V
TR13	ET-353899	TR 2SA1317 S,T,U
TR14	ET-353899	TR 2SA1317 S,T,U
TR15	ET-360399	TR DTC114TS
TR16	ET-397160J	TR 2SC3330 R,S,T,U,V
VR1	EV-390157J	R S-FIX V KV5F639A 0.10W 102
VR2	EV-390157J	R S-FIX V KV5F639A 0.10W 102
VR3	EV-405248J	R S-FIX V T05EVNDCAA03 0.1W471
WP1	EW-403256J1	CORD FFC P1.25 L=230 12P

9. OPERATION P.C BOARD

Ref.No.	Part No.	Description
D2	ED-307572	D SILICON H 1SS131
D10	ED-403279J	D ZENER H UTZJ9.1B
D11	ED-403278J	D ZENER H UTZJ7.5B
D12	ED-307572	D SILICON H 1SS131
D13	ED-307572	D SILICON H 1SS131
D14	ED-307572	D SILICON H 1SS131
D15	ED-307572	D SILICON H 1SS131
D17	ED-307572	D SILICON H 1SS131
D25	ED-307572	D SILICON H 1SS131
D26	ED-307572	D SILICON H 1SS131
D27	ED-307572	D SILICON H 1SS131
D32	ED-307572	D SILICON H 1SS131
D33	ED-401099J	D SCHOTTKY MA719 T26 40/0.5A [EOG/EOG-V]
D41	ED-307572	D SILICON H 1SS131 [EOG/EOG-V]
D44	ED-307572	D SILICON H 1SS131 [EO]
FL1	EM-401077J	IND FL FV496G CHARACTER
IB1	EH-403945J	COMP R RGL9X 103J
IB2	EH-383083J	COMP R RGL9X 103J
IC1	EI-408391J1	IC UPD75217CW-146 JBXOPP2
IC2	EI-408393J	IC ST24C01B1
IC3	EI-373955	IC S-8053ALR
PH1	ET-381637J2	DETECTOR GP1U521X
PS1	EJ-389815J	SOCKET HOUSING 5062-30-10-15
PS2	EJ-387497J	SOCKET HOUSING 5062-30-10-13
SW1A	ES-408404J	SW TACT EVQ 235 07K T05 [280EO]
SW1B	ES-408405J	SW TACT EVQ 235 09K T05 [EXCEPT 280EO]
SW2	ES-349474	SW TACT SKHHAM004A
SW3	ES-349474	SW TACT SKHHAM004A
SW4	ES-349474	SW TACT SKHHAM004A
SW5	ES-349474	SW TACT SKHHAM004A
SW6	ES-349474	SW TACT SKHHAM004A
SW7	ES-349474	SW TACT SKHHAM004A
SW8	ES-349474	SW TACT SKHHAM004A
SW9	ES-349474	SW TACT SKHHAM004A
SW12	ES-349474	SW TACT SKHHAM004A
TR1	ET-354414	TR DTC144ES
WP1	EW-394623J	CORD FFC P1.25 L=110 15P
WP2	EW-389313J	CORD FFC P1.25 L=120 13P
X1	EI-373957J1	OSC CE CST4.19MGW 4.194MHZ
X2	EI-368825	OSC X'TAL MX-38T 32.768KHZ

10. VIF UNIT

Ref.No.	Part No.	Description
CF1	EH-730625J	FILTER CE SAF38.9MZW70Z
CF2	EH-373920	FILTER CE SFE5.5MB
CF3	EH-368948	FILTER CE TPS5.5MW 5.5000MHZ
IC1	EI-368809	IC M51496P
L1	EO-387800J	COIL FIX 1 EL0405SKI 2R7K
L3	EO-725953J	COIL SIF DET 6F16263A2
L4	EO-714614	COIL RF 6F16115B1
L5	EO-714610	COIL RF 6F16113B1
L6	EO-387799J	COIL FIX 1 EL0405SKI 180K
L7	EO-387799J	COIL FIX 1 EL0405SKI 180K
L8	EO-387802J	COIL FIX 1 EL0405SKI 330K
L51	EO-725964J	COIL TRAP 6F16222A1
L52	EO-725965J	COIL TRAP 6F16223A1
Q1	ET-725820J	TR CHIP 2SC2735J
Q2	ET-713614	TR CHIP 2SA1235 E,F
Q51	ET-724885J	TR CHIP RT1N141C
Q52	ET-724885J	TR CHIP RT1N141C
VR2	EV-404298J	R S-FIX H T05 KV5F637T 0.1W222
VR51	EV-405658J	R S-FIX H T05 KV5F637T 0.1W223
VR52	EV-405658J	R S-FIX H T05 KV5F637T 0.1W223

11. POWER P.C BOARD (EXCEPT EOG-V)

Ref.No.	Part No.	Description
C1	EC-406634J	C EC V SXE12 222M 25.0DC
C2	EC-363490	C EC V CUT SME 222M 16.0DC
C3	EC-406635J	C EC V SXE16 222M 35.0DC
C4	EC-406636J	C EC V T05 SXE6 270M 63.0DC
C5	EC-406636J	C EC V T05 SXE6 270M 63.0DC
C10	EC-405612J	C EC V T05 SXE4 4R7M 50.0DC
D1	*ED-511907	D SILICON 1N4002 100/1.0A
D2	*ED-511907	D SILICON 1N4002 100/1.0A
D3	*ED-511907	D SILICON 1N4002 100/1.0A
D4	*ED-511907	D SILICON 1N4002 100/1.0A
D9	*ED-511907	D SILICON 1N4002 100/1.0A
D11	*ED-511907	D SILICON 1N4002 100/1.0A
D13	ED-405373J	D ZENER H MTZJ16A T26
D14	ED-404032J	D ZENER H UTZJ39A
D15	ED-405524J	D ZENER H MTZJ36A T26
D16	*ED-404029J	D ZENER H UTZJ10B T26
FL1	*EO-339907	COIL LF FKOB160MH16 1000.0UH [EOG]
FR1	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
FR2	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
FR3	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
FR4	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
FR5	*ER-400605J	R FUSE V T05 ERD2FCV 1/4W15R0G
TR1	*ET-381175J	TR 2SD1856
TR2	*ET-366365	TR 2SB1185 E,F
TR3	*ET-405622J	TR 2SD2061 E,F
TR4	*ET-405622J	TR 2SD2061 E,F
TR5	*ET-405622J	TR 2SD2061 E,F
TR6	*ET-405622J	TR 2SD2061 E,F
TR7	*ET-366365	TR 2SB1185 E,F

12. DIODE P.C BOARD (EXCEPT EOG-V)

Ref.No.	Part No.	Description
D1	*ED-379298	D SILICON DBA20B 100/2.0A

13. POWER SUPPLY (1) P.C BOARD (EOG-V)

Ref.No.	Part No.	Description
C1	EC-408376J	C EC V CUT KMG 102M 50.0DC
C2	EC-408377J	C EC V CUT KMG 222M 50.0DC
C3	EC-408426J	C EC V F05 LXF8 121M 50.0DC
C4	EC-403878J	C EC V T05 LXF8 271M 16.0DC
C14	EC-408426J	C EC V F05 LXF8 121M 50.0DC
C15	EC-403878J	C EC V T05 LXF8 271M 16.0DC
C20	EC-403880J	C EC V T05 LXF8 221M 25.0DC
C23	EC-406639J	C EC V T05 LXF6 330M 63.0DC
C24	EC-406639J	C EC V T05 LXF6 330M 63.0DC
D3	*ED-511907	D SILICON 1N4002 100/1.0A
D4	*ED-511907	D SILICON 1N4002 100/1.0A
D6	*ED-386226J	D SCHOTTKY RB100AT-32T26 40/1
D8	*ED-386226J	D SCHOTTKY RB100AT-32T26 40/1
D11	*ED-386226J	D SCHOTTKY RB100AT-32T26 40/1
D16	ED-307572	D SILICON H 1SS131
D17	*ED-511907	D SILICON 1N4002 100/1.0A
D18	*ED-511907	D SILICON 1N4002 100/1.0A
D19	ED-404032J	D ZENER H UTZJ39A
D20	ED-405524J	D ZENER H MTZJ36A T26
D27	ED-396060J	D ZENER H HZS18-2
D28	ED-391005J	D ZENER H HZS12B1
D51	ED-403267J	D ZENER H MTZJ3.3B T26
D54	ED-307572	D SILICON H 1SS131
D55	ED-307572	D SILICON H 1SS131
D57	ED-405264J	D ZENER H UTZJ10C
D58	ED-405264J	D ZENER H UTZJ10C
D71	*ED-511907	D SILICON 1N4002 100/1.0A
D72	*ED-511907	D SILICON 1N4002 100/1.0A
D73	*ED-511907	D SILICON 1N4002 100/1.0A
D74	*ED-511907	D SILICON 1N4002 100/1.0A
FL2	*EO-339907	COIL LF FKOB160MH16 1000.0UH
FR1	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
FR2	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
FR3	*ER-400605J	R FUSE V T05 ERD2FCV 1/4W15R0G
FR4	*ER-400689J	R FUSE V T05 RF25SCVTP1/4WR68K
FR5	*ER-405441J	R FUSE V T05 RF25SCVTP1/4WR27K
L1	EO-408381J	COIL FIX 2 C-5344-40 560K
L2	EO-408381J	COIL FIX 2 C-5344-40 560K
L3	EO-408381J	COIL FIX 2 C-5344-40 560K
L4	EO-408381J	COIL FIX 2 C-5344-40 560K
L6	EO-386541J	COIL FIX 1 ELF1010SKI 101K
L9	EO-393769J	COIL FIX 1 LHL06TB T05 471K
R14	ER-333091	R OMF H S20 FS 2W 360J
TR1	*ET-366365	TR 2SB1185 E,F
TR5	*ET-366365	TR 2SB1185 E,F
TR6	ET-356817	TR 2SB891 Q,R
TR9	*ET-366365	TR 2SB1185 E,F
TR12	*ET-405622J	TR 2SD2061 E,F
TR13	*ET-366365	TR 2SB1185 E,F
TR14	ET-360399	TR DTC114TS
TR15	ET-360399	TR DTC114TS
TR16	ET-397160J	TR 2SC3330 R,S,T,U,V

14. POWER SUPPLY (2) P.C BOARD (EOG-V)

Ref.No.	Part No.	Description
D7	ED-405264J	D ZENER H UTZJ10C
D10	ED-307572	D SILICON H 1SS131
D50	ED-387919J	D ZENER H HZS6A1L
D52	ED-307572	D SILICON H 1SS131
IC1	*EI-381575J	IC BA6121
L10	EO-380091J1	COIL FIX 2 C-5293-01 560K
TR2	*ET-405622J	TR 2SD2061 E,F
TR3	ET-353899	TR 2SA1317 S,T,U
TR4	*ET-404195J	TR 2SC4486 S,T T05
TR7	*ET-405622J	TR 2SD2061 E,F
TR8	ET-353899	TR 2SA1317 S,T,U

15. DIODE P.C BOARD (EOG-V)

Ref.No.	Part No.	Description
D14	*ED-379298	D SILICON DBA20B 100/2.0A

16. VPS P.C BOARD (EOG)

Ref.No.	Part No.	Description
D1	ED-307572	D SILICON H 1SS131
D601	ED-307572	D SILICON H 1SS131
D602	ED-405446J	D ZENER H UTZJ5.6B T26
FR601	*ER-331188	R FUSE H S10 ERD2FC 1/4W 8R2J
IB401	EH-386637J	COMP R RGL8X 103J
IC301	EI-385958J	IC SAA4700
IC401	EI-408430J	IC UPD75004CU-*** JXVPS1
L1	EO-345865	COIL FIX 1 EL0606SKI 100J
L301	EO-345865	COIL FIX 1 EL0606SKI 100J
L401	EO-345865	COIL FIX 1 EL0606SKI 100J
TR1	ET-397160J	TR 2SC3330 R,S,T,U,V
TR601	ET-354083	TR 2SD1189 Q,R
X401	EI-373957J1	OSC CE CST4.19MGW 4.194MHZ

17. VPST P.C BOARD (EOG-V)

Ref.No.	Part No.	Description
D1	ED-307572	D SILICON H 1SS131
D101	ED-307572	D SILICON H 1SS131
D201	ED-307572	D SILICON H 1SS131
D601	ED-307572	D SILICON H 1SS131
D602	ED-405446J	D ZENER H UTZJ5.6B T26
FL101	EH-394684J	FILTER EMI ZBF503D-00TA T05
FR601	*ER-331188	R FUSE H S10 ERD2FC 1/4W 8R2J
IB101	EH-383056J	COMP R RGL4X 103J
IB102	EH-386637J	COMP R RGL8X 103J
IC101	EI-408432J	IC UPD75218CW-*** JXVPT1
IC102	EI-405224J	IC ST24C02
IC103	EI-405224J	IC ST24C02
IC104	EI-408434J	IC MV1815
IC105	EI-410125J	IC V53C464A***
IC106	EI-401050J	IC LVA523SA2
IC107	EI-394680J	IC AN3171K
IC108	EI-387019J	IC MC1377P
IC301	EI-385958J	IC SAA4700
L1	EO-345865	COIL FIX 1 EL0606SKI 100J
L101	EO-345865	COIL FIX 1 EL0606SKI 100J
L102	EO-345865	COIL FIX 1 EL0606SKI 100J
L121	EO-345865	COIL FIX 1 EL0606SKI 100J
L151	EO-410104J	COIL FIX 1 SPT0203SA T26 181J
L152	EO-410104J	COIL FIX 1 SPT0203SA T26 181J
L153	EO-345880	COIL FIX 1 EL0606SKI 820J
L154	EO-410099J	COIL FIX 1 SPT0203SA T26 470J
L155	EO-345865	COIL FIX 1 EL0606SKI 100J
L201	EO-345865	COIL FIX 1 EL0606SKI 100J
L202	EO-345865	COIL FIX 1 EL0606SKI 100J
L203	EO-345875	COIL FIX 1 EL0606SKI 390J
L204	EO-345873	COIL FIX 1 EL0606SKI 270J
L206	EO-345871	COIL FIX 1 EL0606SKI 180J
L207	EO-345874	COIL FIX 1 EL0606SKI 330J
L208	EO-345874	COIL FIX 1 EL0606SKI 330J
L251	EO-345865	COIL FIX 1 EL0606SKI 100J
L301	EO-345865	COIL FIX 1 EL0606SKI 100J
TR1	ET-397160J	TR 2SC3330 R,S,T,U,V
TR101	ET-354415	TR DTA144ES
TR102	ET-397160J	TR 2SC3330 R,S,T,U,V
TR151	ET-397160J	TR 2SC3330 R,S,T,U,V
TR152	ET-353899	TR 2SA1317 S,T,U
TR153	ET-353899	TR 2SA1317 S,T,U
TR154	ET-397160J	TR 2SC3330 R,S,T,U,V
TR155	ET-397160J	TR 2SC3330 R,S,T,U,V
TR201	ET-397160J	TR 2SC3330 R,S,T,U,V
TR202	ET-397160J	TR 2SC3330 R,S,T,U,V
TR203	ET-397160J	TR 2SC3330 R,S,T,U,V
TR204	ET-353899	TR 2SA1317 S,T,U
TR208	ET-353899	TR 2SA1317 S,T,U
TR251	ET-397160J	TR 2SC3330 R,S,T,U,V
TR252	ET-353899	TR 2SA1317 S,T,U
TR253	ET-353899	TR 2SA1317 S,T,U
TR601	ET-354083	TR 2SD1189 Q,R
X101	EI-373957J1	OSC CE CST4.19MGW 4.194MHZ
X102	EI-408433J	OSC X'TAL HC-43/U 27750KHZ
X103	EI-394673J	OSC X'TAL HC-49/U 8867.238KHZ

18. FINAL ASSEMBLY BLOCK

Ref.No.	Part No.	Description
1A	BD-404286J	PANEL FRONT VS-F260EK PART [260EO]
1B	BD-407503J1	PANEL FRONT VS-F280EO PART [280EO]
1C	BD-407504J	PANEL FRONT VS-F270EOG PART [EOG]
1D	BD-407491J	PANEL FRONT VS-F280EOG-V PART [EOG-V]
2A	SE-409256J	MASK CASSETTE VS-F260 (E) [260EO]
2B	SE-409024J1	MASK CASSETTE VS-F280 (E) [280EO]
2C	SE-409257J	MASK CASSETTE VS-F270 (G) [EOG]
2D	SE-409262J	MASK CASSETTE VS-F280 (G) [EOG-V]
3	ZG-387370J	SP MASK
4	SZ-401874J	STOPPER MASK
6	SC-387353J	COVER TRANS
7	ZS-362378	PLX BID30X10STL CMT
8	SA-387507J	FOOT SX
9	ZS-358936	ST BID30X06STL CMT
10	ZS-378341	PLX BID30X12STL CMT
11	ZG-387505J	PLATE EARTH
12	ZS-373962	PLX BID40X10STL CMT
13	ZG-387354J	PLATE EARTH (2)
14	SP-407479J	COVER UPPER JX
15	ZS-385611J	DT BID26X06STL BNI
16	ZS-391046J	PLX BID26X10STL BNI
17	ZS-357946	PLX PAN30X10STL CMT C080
18	ZG-392214J1	PLATE EARTH (3)
19A	*BT-403873J	TRANS POW V1130 EO [EXCEPT EOG-V]
19B	*BT-403883J	TRANS POW V1130 EOG-V [EOG-V]
20	*EW-404002M	AC CORD 200 SE-1 WITH TUBE E

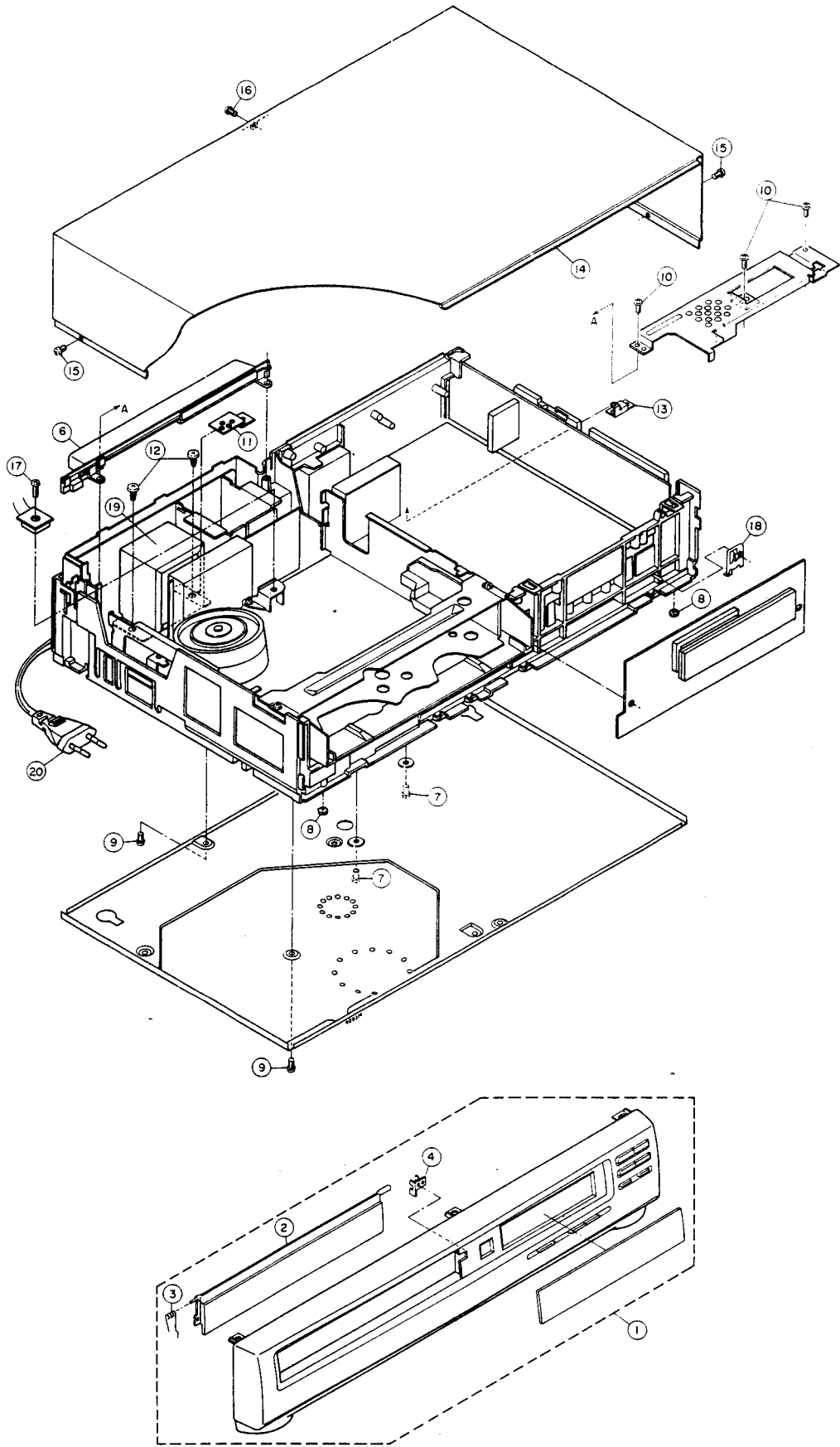
NOTE:

Parts will not be supplied if they are not listed in the parts list, even if they appear on the assembling illustrations with reference No.

19. ACCASSARY

Ref.No.	Part No.	Description
1	EW-348414	CORD PAL
2A	AV-B1038A010A	REMOCON BLK RC-V250E [EO]
2B	AV-B1042A010C	REMOCON BLK RC-V252E (G) [EOG]
2C	AV-B1039A010A	REMOCON BLK RC-V251G [EOG-V]

FINAL ASSEMBLY



6-3. MODEL VS-F260EK, F280EK

1.RECOMMENDED SPARE PARTS

We suggest you to stock the following Recommended Spare Part items listed below since they can cover most of the routine service.

Ref.No.	Part No.	Description
1	AV-B1038A010A	REMOCON BLK RC-V250E
2	BB-V1130A020H	MECHA DECK BLK F260EA
3	BL-V1102A140A	ARM LOADING BLK 425EA
4	BL-V1102A050A	TENSION ARM BLK 425EA
5	BM-400682J1	MOTOR DFX-67B3VWB1 [CAPSTAN MOTOR]
6	BM-401296J	MOTOR E20EL89 [DRUM MOTOR]
7	BM-387503J	MOTOR PART [LOADING MOTOR]
8	*BT-403872J	TRANS POW V1130 EK
9	BV-V1102A150A	CASSETTE LOAD BLK 425EA
10	BV-V1102A070A	LEADER S BLK 425EA
11	BV-V1102A080A	LEADER T BLK 425EA
12	BV-V1123A410A	LOWER DRUM BLK X400EGN
13	BV-403410J	RF CONVERTER MDLK6B733A EK
14	BV-V1123A420A	UPPER DRUM BLK X400EGN
15	BV-403238J1	VIF UNIT KX EK
16	EA-387496J	PC (#) SENSOR
17	*EC-391843J	C DOUBLE FYDOH 223Z 5.5DC
18	ED-390011J	D LED GL451 INFRARED [D1]
19	ED-390012J	D LED GL4800 INFRARED [D2]
20	ED-403450J	D LED SE303ARF-C INFRARED
21	ED-386031J	D SILICON CHIP MA110-TW
22	ED-366443	D SILICON H MA700FA5 F10
23	ED-307572	D SILICON H 1SS131
24	ED-511907	D SILICON 1N4002 100/1.0A
25	ED-397233J	D ZENER H HZS5C3
26	ED-387919J	D ZENER H HZS6A1L
27	ED-405373J	D ZENER H MTZJ16A T26
28	ED-403267J	D ZENER H MTZJ3.3B T26
29	ED-405524J	D ZENER H MTZJ36A T26
30	ED-403724J	D ZENER H UTZJ10A
31	*ED-404029J	D ZENER H UTZJ10B T26
32	ED-403725J	D ZENER H UTZJ12C
33	ED-404032J	D ZENER H UTZJ39A
34	ED-403278J	D ZENER H UTZJ7.5B
35	ED-404086J	D ZENER H UTZJ7.5C
36	ED-403279J	D ZENER H UTZJ9.1B
37	EE-387607J1	TV TUNER TERB1-008B EK
38	EH-383083J	COMP R RGLE3X 103J
39	EH-403945J	COMP R RGLE9X 103J
40	EH-390730J	DL EFD-JF124A13J
41	EH-373921	FILTER CE SFE6.0MB
42	EH-373919	FILTER CE TPS6.0MB
43	EH-714628	FILTER SAW SAF39.5MZ70Z
44	EI-408416J1	IC MN675121 XAV4 KBXSYP5
45	EI-373981J1	IC BA10393N
46	EI-373980	IC BA15218N
47	EI-353421	IC BA6229
48	EI-388360J	IC BA7765AS
49	EI-403231J	IC CD4066BE
50	EI-403250J	IC LA7376
51	EI-403234J1	IC LA7391A
52	EI-394856J	IC LC8992
53	EI-389622J	IC L5631
54	EI-403469J	IC MM1068XS
55	EI-368809	IC M51496P
56	EI-400756J	IC NJM4558L-B
57	EI-373955	IC S-8053ALR
58	EI-408393J	IC ST24C01B1
59	EI-376112	IC UPD6122G
60	EI-405722J	IC UPD6450CX-515
61	EI-408391J1	IC UPD75217CW-146 JBXOPP2
62	EI-403467J	OSC CE CSB500F40 15.680KHZ
63	EI-373957J1	OSC CE CST4.19MGW 4.194MHZ
64	EI-390687J	OSC CE CSU455PL 455KHZ
65	EI-389974J	OSC XTAL HC-49/U 17.734475MHZ
66	EI-389640J	OSC XTAL HC-49/U 8000KHZ
67	EI-368825	OSC XTAL MX-38T 32.768KHZ

Ref.No.	Part No.	Description
68	EI-381632J	OSC XTAL 86686 4.433619MHZ
69	EM-401077J	IND FL FV496G CHARACTER
70	EO-388362J	COIL OSC 1 V1102
71	*ER-400959J	R FUSE V T05 ERD2FCV 1/4W1200G
72	*ER-400605J	R FUSE V T05 ERD2FCV 1/4W15R0G
73	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
74	*ER-400729J	R FUSE V T05 RF25SCVTP1/4WR47K
75	*ER-404093J	R FUSE V T05 RF25SCVTP1/4WR56K
76	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
77	ER-403405J	R OMF H S12 FS 1W R75J
78	ES-373099	SW LEAF MTS10110MPC1
79	ES-387465J	SW MODE SELECT MMS00070ZLBO [SW1]
80	ES-408404J	SW TACT EVQ 235 07K T05 [280]
81	ES-408405J	SW TACT EVQ 235 09K T05 [260]
82	ES-349474	SW TACT SKHHAM004A
83	ET-381637J2	DETECTOR GP1U521X
84	ET-713614	TR CHIP 2SA1235 E,F
85	ET-725820J	TR CHIP 2SC2735J
86	ET-356336	TR DTA114ES
87	ET-354415	TR DTA144ES
88	ET-373985	TR DTA144TS
89	ET-353897	TR DTC114ES
90	ET-360399	TR DTC114TS
91	ET-354364	TR DTC143TS
92	ET-354414	TR DTC144ES
93	ET-361490	TR PHOTO PN268 [TR1]
94	ET-390010J	TR PHOTO PT4800 [TR2]
95	ET-390009J	TR PHOTO PT493F [TR4]
96	ET-364040	TR UN421D
97	ET-353899	TR 2SA1317 S,T,U
98	*ET-366365	TR 2SB1185 E,F
99	ET-388338J	TR 2SB1425 S,E
100	ET-375777	TR 2SC2926S P,Q
101	ET-397160J	TR 2SC3330 R,S,T,U,V
102	*ET-381175J	TR 2SD1856
103	ET-405622J	TR 2SD2061 E,F
104	ET-390826J	TR.CHIP 2SD1619 T,U TC T08
105	HE-390013J	HEAD E HVFME0020A
106	HR-405340J	HEAD COMBO HVMZA1121A
107	MB-387289J	BELT CAPSTAN
108	MI-387294J	IDLER PART
109	ML-391745J3	ARM DAMPER
110	ML-387350J1	ARM LID OPENER
111	ML-387423J	ARM LOADING BRAKE
112	ML-387277J3	ARM REVIEW PART
113	ML-387402J1	LEVER TRIGGER
114	ML-387316J	MAIN BRAKE (S) PART
115	ML-387318J	MAIN BRAKE (T) PART
116	ML-387321J	REVIEW BRAKE PART
117	ML-387324J1	SLIDER BRAKE PART
118	ML-404944J	SLIDER TRIGGER (2)
119	MP-404852J	PINCH ROLLER (2) PART
120	MR-387406J	HOLDER THRUST WORM
121	MR-391968J	PULLEY TRIGGER (2)
122	MR-387286J1	ROLLER IMPEDANCE
123	MT-390954J1	DISK (2) PART
124	MZ-387298J3	DISK CLUTCH PART
125	MZ-387331J	GEAR CAM SLIDER
126	MZ-387335J	GEAR EJECT
127	MZ-387333J	GEAR FRONT LOADING
128	MZ-V1102A090A	GEAR TOGGLE (S) BLK 425EA
129	MZ-V1102A100A	GEAR TOGGLE (T) BLK 425EA
130	MZ-387332J	GEAR WORM WHEEL

* Parts list for HEAD DRUM, MECHA. (1) and MECHA. (2) BLOCK refer to 6-1. EOH list (P24 to 26)

5. P.C BOARD BLK

Ref.No.	Part No.	Description
1	BA-V1130Q600C	FRPC (#)MAIN (PAL) BLKF200EK/FR
2	BA-V1130A610A	PC PRE AMP BLK F220EA
3A	BA-V1146Q630F	FRPC OPERATION (A) BLK F260EK/FR
3B	BA-V1146Q630E	FRPC OPERATION (A) BLK F280EK/FR
4	BA-V1130A500B	PC POWER BLK F200EK

PC (#) MAIN (PAL) BLK CONSISTS OF FOLLOWING P.C BOARD.

- MAIN (A) P.C BOARD
- MAIN (B) P.C BOARD

6. MAIN (A) P.C BOARD

Ref.No.	Part No.	Description
C369	*EC-391843J	C DOUBLE FYDOH 223Z 5.5DC
D1	ED-307572	D SILICON H 1SS131
D2	ED-307572	D SILICON H 1SS131
D8	ED-387919J	D ZENER H HZS6A1L
D101	ED-403725J	D ZENER H UTZJ12C
D201	ED-307572	D SILICON H 1SS131
D202	ED-307572	D SILICON H 1SS131
D203	ED-307572	D SILICON H 1SS131
D204	ED-397233J	D ZENER H HZS5C3
D205	ED-403267J	D ZENER H MTZJ3.3B T26
D208	ED-307572	D SILICON H 1SS131
D209	ED-307572	D SILICON H 1SS131
D212	ED-511907	D SILICON 1N4002 100/1.0A
D213	ED-511907	D SILICON 1N4002 100/1.0A
D301	ED-307572	D SILICON H 1SS131
D302	ED-307572	D SILICON H 1SS131
D303	ED-404086J	D ZENER H UTZJ7.5C
D304	ED-403724J	D ZENER H UTZJ10A
D305	ED-307572	D SILICON H 1SS131
D306	ED-307572	D SILICON H 1SS131
D307	ED-307572	D SILICON H 1SS131
D308	ED-307572	D SILICON H 1SS131
D309	ED-307572	D SILICON H 1SS131
D401	ED-307572	D SILICON H 1SS131
D402	ED-307572	D SILICON H 1SS131
D405	ED-307572	D SILICON H 1SS131
D406	ED-366443	D SILICON H MA700FA5 F10
D502	ED-307572	D SILICON H 1SS131
D503	ED-307572	D SILICON H 1SS131
D505	ED-307572	D SILICON H 1SS131
D506	ED-307572	D SILICON H 1SS131
D507	ED-307572	D SILICON H 1SS131
DL500	EH-390730J	DL EFD-JF124A13J
FR201	*ER-400959J	R FUSE V T05 ERD2FCV 1/4W1200G
FR350	*ER-400729J	R FUSE V T05 RF25SCVTP1/4WR47K
FR501	*ER-404093J	R FUSE V T05 RF25SCVTP1/4WR56K
IC1	EI-389622J	IC L5631
IC101	EI-403231J	IC CD4066BE
IC201	EI-400756J	IC NJM4558L-B
IC301	EI-408416J1	IC MN675121 XAV4 KBXSYP5
IC302	EI-353421	IC BA6229
IC303	EI-373980	IC BA15218N
IC400	EI-403234J1	IC LA7391A
IC401	EI-394856J	IC LC8992
IC402	EI-373981J1	IC BA10393N
L1	EO-390998J	COIL FIX 1 LAP02 F05 R68K
L101	EO-345881	COIL FIX 1 EL0606SKI 101J
L103	EO-356722	COIL FIX 1 LAP02 F05 6R8K
L301	EO-381196J	COIL FIX 1 EL0405SKI 470K
L302	EO-345881	COIL FIX 1 EL0606SKI 101J
L401	EO-354600	COIL FIX 1 LAP02 F05 101K
L402	EO-357508	COIL FIX 1 LAP02 F05 151K
L403	EO-381192J	COIL FIX 1 EL0405SKI 270K
L404	EO-345880	COIL FIX 1 EL0606SKI 820J
L405	EO-354600	COIL FIX 1 LAP02 F05 101K
L410	EO-345874	COIL FIX 1 EL0606SKI 330J
L470	EO-356722	COIL FIX 1 LAP02 F05 6R8K
L472	EO-345880	COIL FIX 1 EL0606SKI 820J
L474	EO-388161J	COIL FIX 1 EL0405SKI 560K
L500	EO-345880	COIL FIX 1 EL0606SKI 820J
L501	EO-353900	COIL FIX 1 LAP02 F05 150K

Ref.No.	Part No.	Description
L505	EO-345880	COIL FIX 1 EL0606SKI 820J
L506	EO-345880	COIL FIX 1 EL0606SKI 820J
L507	EO-392817J	COIL FIX 1 EL0405SKI 1R2K
L508	EO-403937J	COIL FIX 1 EL0405RA T05 4R7J
L509	EO-345880	COIL FIX 1 EL0606SKI 820J
L510	EO-403270J	COIL FIX 1 EL0405RA T05 101J
L511	EO-381195J	COIL FIX 1 EL0405SKI 331K
L512	EO-381197J	COIL FIX 1 EL0405SKI 471K
L570	EO-345880	COIL FIX 1 EL0606SKI 820J
MD1	BV-403410J	RF CONVERTER MDLK6B733A EK
J102	EJ-387613J	SOCKET M1812 21P
R214	ER-403405J	R OMF H S12 FS 1W R75J
TR1	ET-353899	TR 2SA1317 S,T,U
TR2	ET-375777	TR 2SC2926S P,Q
TR3	ET-353899	TR 2SA1317 S,T,U
TR11	ET-353899	TR 2SA1317 S,T,U
TR12	ET-397160J	TR 2SC3330 R,S,T,U,V
TR13	ET-353899	TR 2SA1317 S,T,U
TR15	ET-353897	TR DTC114ES
TR17	ET-397160J	TR 2SC3330 R,S,T,U,V
TR18	ET-397160J	TR 2SC3330 R,S,T,U,V
TR19	ET-354414	TR DTC144ES
TR101	ET-354414	TR DTC144ES
TR102	ET-356336	TR DTA114ES
TR103	ET-354414	TR DTC144ES
TR104	ET-353899	TR 2SA1317 S,T,U
TR105	ET-353899	TR 2SA1317 S,T,U
TR107	ET-397160J	TR 2SC3330 R,S,T,U,V
TR108	ET-356336	TR DTA114ES
TR109	ET-397160J	TR 2SC3330 R,S,T,U,V
TR202	ET-356336	TR DTA114ES
TR203	ET-397160J	TR 2SC3330 R,S,T,U,V
TR205	ET-388338J	TR 2SB1425 S,E
TR210	ET-405622J	TR 2SD2061 E,F
TR301	ET-354414	TR DTC144ES
TR302	ET-397160J	TR 2SC3330 R,S,T,U,V
TR304	ET-354415	TR DTA144ES
TR306	ET-354414	TR DTC144ES
TR307	ET-373985	TR DTA144TS
TR308	ET-373985	TR DTA144TS
TR309	ET-373985	TR DTA144TS
TR310	ET-354414	TR DTC144ES
TR312	ET-354415	TR DTA144ES
TR401	ET-356336	TR DTA114ES
TR404	ET-354364	TR DTC143TS
TR406	ET-397160J	TR 2SC3330 R,S,T,U,V
TR407	ET-353899	TR 2SA1317 S,T,U
TR408	ET-354414	TR DTC144ES
TR409	ET-360399	TR DTC114TS
TR410	ET-354414	TR DTC144ES
TR414	ET-388338J	TR 2SB1425 S,E
TR415	ET-353899	TR 2SA1317 S,T,U
TR417	ET-360399	TR DTC114TS
TR421	ET-364040	TR UN421D
TR423	ET-356336	TR DTA114ES
TR470	ET-353899	TR 2SA1317 S,T,U
TR471	ET-353899	TR 2SA1317 S,T,U
TR501	ET-353897	TR DTC114ES
TR503	ET-397160J	TR 2SC3330 R,S,T,U,V
TR506	ET-397160J	TR 2SC3330 R,S,T,U,V
TR507	ET-397160J	TR 2SC3330 R,S,T,U,V
TR508	ET-356336	TR DTA114ES
TR509	ET-397160J	TR 2SC3330 R,S,T,U,V
TR510	ET-397160J	TR 2SC3330 R,S,T,U,V
TR511	ET-397160J	TR 2SC3330 R,S,T,U,V
TR512	ET-397160J	TR 2SC3330 R,S,T,U,V
TR515	ET-397160J	TR 2SC3330 R,S,T,U,V
TR570	ET-397160J	TR 2SC3330 R,S,T,U,V
TR571	ET-397160J	TR 2SC3330 R,S,T,U,V
TR572	ET-354414	TR DTC144ES
VR301	EV-405665J	R S-FIX H T05 KV5F637T 0.1W333
VR401	EV-405657J	R S-FIX H T05 KV5F637T 0.1W103
VR402	EV-404300J	R S-FIX H T05 KV5F637T 0.1W472
VR403	EV-405659J	R S-FIX H T05 KV5F637T 0.1W682
VR404	EV-405665J	R S-FIX H T05 KV5F637T 0.1W333
WF201	EW-404138J1	CORD KX MA-POW L=225 12P
X301	EI-389640J	OSC X'TAL HC-49/U 8000KHZ
X500	EI-381632J	OSC X'TAL 86686 4.433619MHZ
1	BV-403238J1	VIF UNITER KX EK
2	EE-387607J1	TV TUNER TERB1-008B EK
3	SP-387357J	PANEL REAR JACK EK

7. MAIN (B) P.C BOARD

Ref.No.	Part No.	Description
D601	ED-307572	D SILICON H 1SS131
D801	ED-307572	D SILICON H 1SS131
FL801	EO-388362J	COIL OSC 1 V1102
IC601	EI-405722J	IC UPD6450CX-515
IC602	EI-403469J	IC MM1068XS
IC801	EI-388360J	IC BA7765AS
L601	EO-345881	COIL FIX 1 EL0606SKI 101J
L602	EO-345876	COIL FIX 1 EL0606SKI 470J
L604	EO-351866	COIL FIX 1 LAP02 F05 330K
L605	EO-345881	COIL FIX 1 EL0606SKI 101J
L801	EO-390717J	COIL FIX 1 LHL06TB T05 103J
L802	EO-390716J	COIL FIX 1 LHL06TB T05 272J
TR601	ET-353899	TR 2SA1317 S,T,U
TR602	ET-354414	TR DTC144ES
TR603	ET-397160J	TR 2SC3330 R,S,T,U,V
TR607	ET-353899	TR 2SA1317 S,T,U
TR608	ET-353899	TR 2SA1317 S,T,U
TR801	ET-397160J	TR 2SC3330 R,S,T,U,V
VC601	EC-394757J	C S-FIX H T05 VCT51F 5.5-30
VR801	EV-403967J	R S-FIX V T05EVNDCAA03 0.1W332
VR802	EV-403968J	R S-FIX V T05EVNDCAA03 0.1W473
X601	EI-389974J	OSC X'TAL HC-49/U 17.734475MHZ
X602	EI-403467J	OSC CE CSB500F40 15.680KHZ

8. PRE-AMP P.C BOARD

Ref.No.	Part No.	Description
D1	ED-307572	D SILICON H 1SS131
D2	ED-307572	D SILICON H 1SS131
IC1	EI-403250J	IC LA7376
L1	EO-376858	COIL FIX 1 LF-5.0S F05 560K
L2	EO-376606	COIL FIX 1 LF-5.0S F05 180K
L3	EO-381195J	COIL FIX 1 EL0405SKI 331K
L4	EO-376859	COIL FIX 1 LF-5.0S F05 8R2K
L5	EO-381191J	COIL FIX 1 EL0405SKI 181K
L6	EO-376612	COIL FIX 1 LF-5.0S F05 680K
L7	EO-376603	COIL FIX 1 LF-5.0S F05 150K
L8	EO-381193J	COIL FIX 1 EL0405SKI 271K
L9	EO-345880	COIL FIX 1 EL0606SKI 820J
L10	EO-345880	COIL FIX 1 EL0606SKI 820J
L13	EO-345880	COIL FIX 1 EL0606SKI 820J
L14	EO-376860	COIL FIX 1 LF-5.0S F05 820K
PS1	EJ-381075J	SOCKET HOUSING 5062-30-10-12
TR1	ET-397160J	TR 2SC3330 R,S,T,U,V
TR2	ET-353899	TR 2SA1317 S,T,U
TR3	ET-397160J	TR 2SC3330 R,S,T,U,V
TR4	ET-364040	TR UN421D
TR5	ET-397160J	TR 2SC3330 R,S,T,U,V
TR6	ET-353899	TR 2SA1317 S,T,U
TR8	ET-397160J	TR 2SC3330 R,S,T,U,V
TR10	ET-364040	TR UN421D
TR12	ET-397160J	TR 2SC3330 R,S,T,U,V
TR13	ET-353899	TR 2SA1317 S,T,U
TR14	ET-353899	TR 2SA1317 S,T,U
TR15	ET-360399	TR DTC114TS
TR16	ET-397160J	TR 2SC3330 R,S,T,U,V
VR1	EV-390157J	R S-FIX V KVVF639A 0.10W 102
VR2	EV-390157J	R S-FIX V KVVF639A 0.10W 102
VR3	EV-405248J	R S-FIX V T05EVNDCAA03 0.1W471
WP1	EW-403256J1	CORD FFC P1.25 L=230 12P

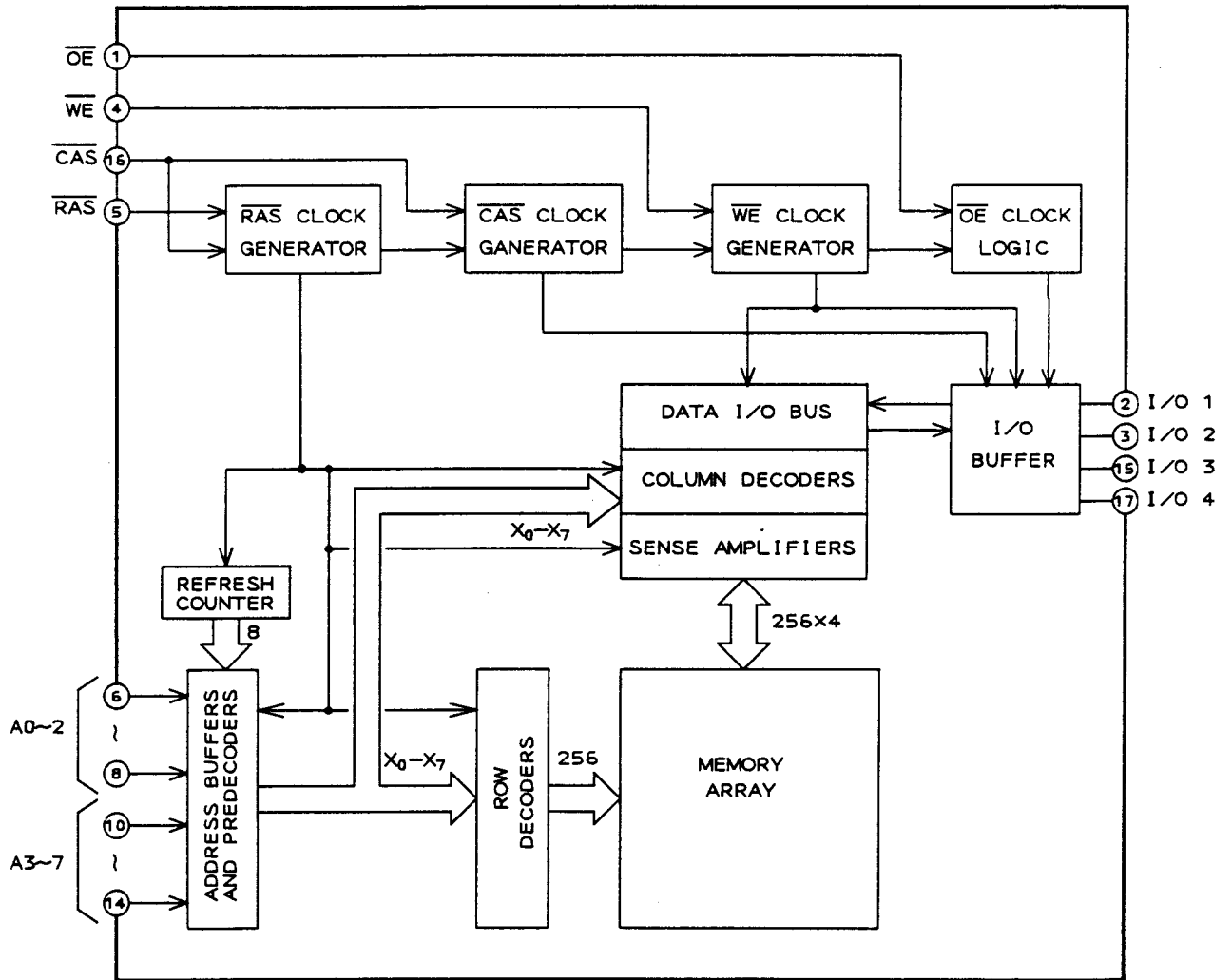
9. OPERATION P.C BOARD

Ref.No.	Part No.	Description
D10	ED-403279J	D ZENER H UTZJ9.1B
D11	ED-403278J	D ZENER H UTZJ7.5B
D12	ED-307572	D SILICON H 1SS131
D13	ED-307572	D SILICON H 1SS131
D14	ED-307572	D SILICON H 1SS131
D15	ED-307572	D SILICON H 1SS131
D17	ED-307572	D SILICON H 1SS131
D25	ED-307572	D SILICON H 1SS131
D26	ED-307572	D SILICON H 1SS131
D27	ED-307572	D SILICON H 1SS131
D42	ED-307572	D SILICON H 1SS131
FL1	EM-401077J	IND FL FV496G CHARACTER
IB1	EH-403945J	COMP R RGL9X 103J
IB2	EH-383083J	COMP R RGL3X 103J
IC1	EI-408391J1	IC UPD75217CW-146 JBXOPP2
IC2	EI-408393J	IC ST24C01B1
IC3	EI-373955	IC S-8053ALR
PH1	ET-381637J2	DETECTOR GP1U521X
PS1	EJ-389815J	SOCKET HOUSING 5062-30-10-15
PS2	EJ-387497J	SOCKET HOUSING 5062-30-10-13
SW1A	ES-408404J	SW TACT EVQ 235 07K T05 [280]
SW1B	ES-408405J	SW TACT EVQ 235 09K T05 [260]
SW2	ES-349474	SW TACT SKHHAM004A
SW3	ES-349474	SW TACT SKHHAM004A
SW4	ES-349474	SW TACT SKHHAM004A
SW5	ES-349474	SW TACT SKHHAM004A
SW6	ES-349474	SW TACT SKHHAM004A
SW7	ES-349474	SW TACT SKHHAM004A
SW8	ES-349474	SW TACT SKHHAM004A
SW9	ES-349474	SW TACT SKHHAM004A
SW12	ES-349474	SW TACT SKHHAM004A
TR1	ET-354414	TR DTC144ES
WP1	EW-394623J	CORD FFC P1.25 L=110 15P
WP2	EW-389313J	CORD FFC P1.25 L=120 13P
X1	EI-373957J1	OSC CE CST4.19MGW 4.194MHZ
X2	EI-368825	OSC X'TAL MX-38T 32.768KHZ

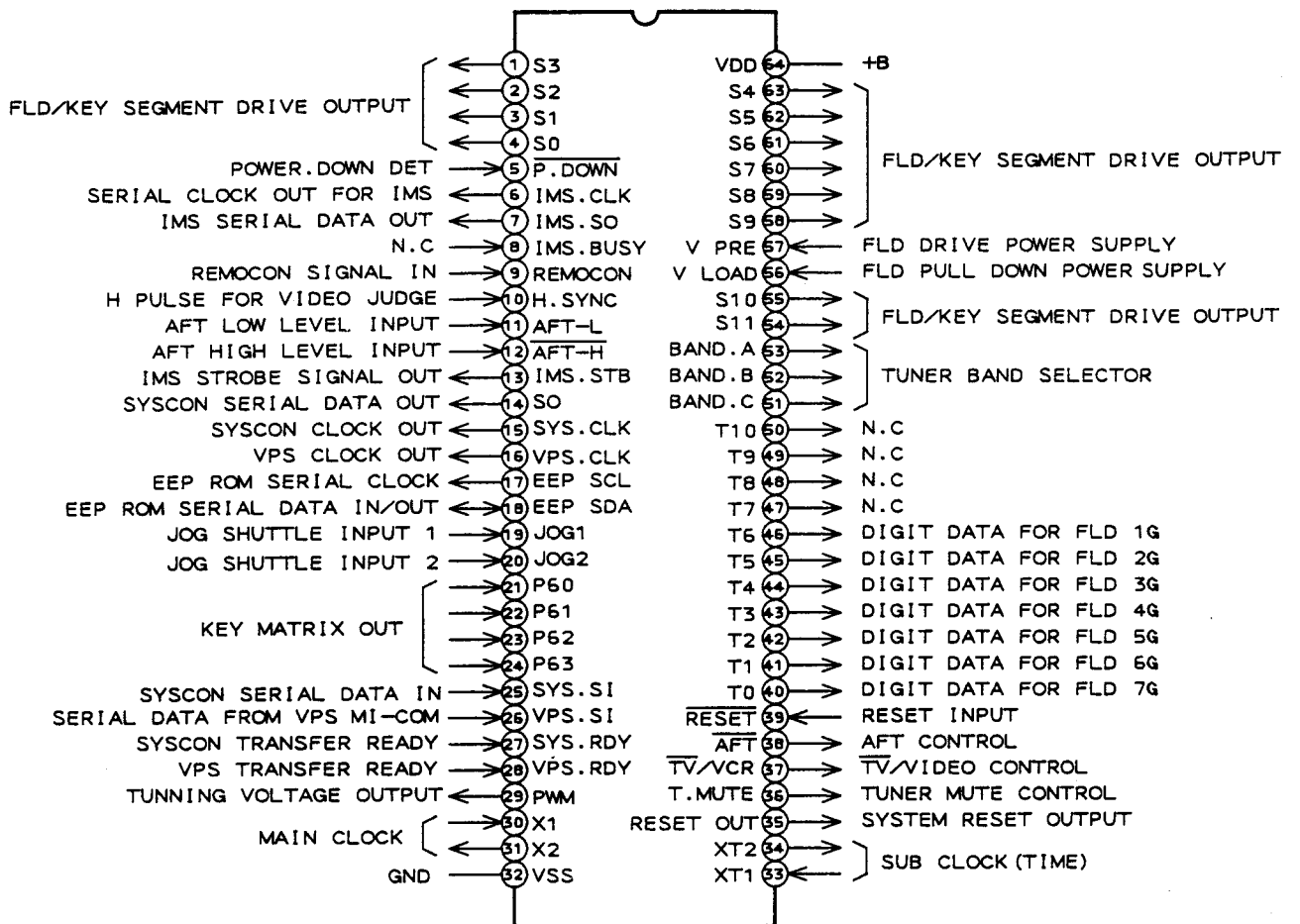
10. VIF UNIT

Ref.No.	Part No.	Description
CF1	EH-714628	FILTER SAW SAF39.5MZ70Z
CF2	EH-373921	FILTER CE SFE6.0MB
CF3	EH-373919	FILTER CE TPS6.0MB
IC1	EI-368809	IC M51496P
L1	EO-387800J	COIL FIX 1 EL0405SKI 2R7K
L3	EO-725954J	COIL SIF DET 6F16263A3
L4	EO-714614	COIL RF 6F16115B1
L5	EO-714610	COIL RF 6F16113B1
L6	EO-387798J	COIL FIX 1 EL0405SKI 150K
L7	EO-387798J	COIL FIX 1 EL0405SKI 150K
L8	EO-387802J	COIL FIX 1 EL0405SKI 330K
Q1	ET-725820J	TR CHIP 2SC2735J
Q2	ET-713614	TR CHIP 2SA1235 E,F
VR2	EV-404298J	R S-FIX H T05 KVVF637T 0.1W222
VR51	EV-405658J	R S-FIX H T05 KVVF637T 0.1W223

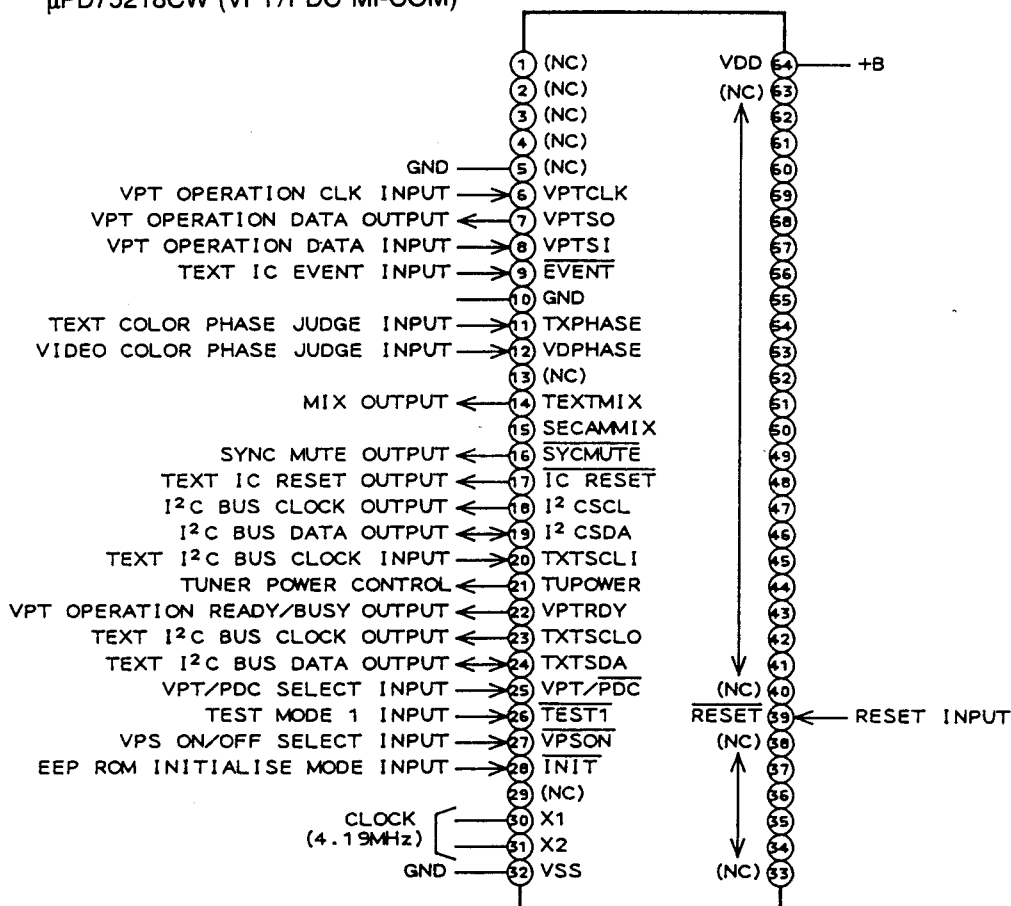
V53C464A (64K x4 BIT D-RAM)



μPD75217ACW (OPERATION MI-COM)



μPD75218CW (VPT/PDC MI-COM)



Ref.No.	Part No.	Description
L404	EO-345880	COIL FIX 1 EL0606SKI 820J
L405	EO-354600	COIL FIX 1 LAP02 F05 101K
L410	EO-345874	COIL FIX 1 EL0606SKI 330J
L470	EO-356722	COIL FIX 1 LAP02 F05 6R8K
L472	EO-345880	COIL FIX 1 EL0606SKI 820J
L474	EO-388161J	COIL FIX 1 EL0405SKI 560K
L500	EO-345880	COIL FIX 1 EL0606SKI 820J
L501	EO-353900	COIL FIX 1 LAP02 F05 150K
L505	EO-345880	COIL FIX 1 EL0606SKI 820J
L506	EO-345880	COIL FIX 1 EL0606SKI 820J
L507	EO-392817J	COIL FIX 1 EL0405SKI 1R2K
L508	EO-403937J	COIL FIX 1 EL0405RA T05 4R7J
L509	EO-345880	COIL FIX 1 EL0606SKI 820J
L510	EO-403270J	COIL FIX 1 EL0405RA T05 101J
L511	EO-381195J	COIL FIX 1 EL0405SKI 331K
L512	EO-381197J	COIL FIX 1 EL0405SKI 471K
L570	EO-345880	COIL FIX 1 EL0606SKI 820J
MD1	BV-387610J	RF CONVERTER YAA21-0453 EA
J101	EJ-387614J	PIN J T6353-ABCB YL BK 4P
R214	ER-403405J	R OMF H S12 FS 1W R75J
TR1	ET-353899	TR 2SA1317 S,T,U
TR2	ET-375777	TR 2SC2926S P,Q
TR3	ET-353899	TR 2SA1317 S,T,U
TR4	ET-353899	TR 2SA1317 S,T,U
TR5	ET-353899	TR 2SA1317 S,T,U
TR7	ET-353899	TR 2SA1317 S,T,U
TR8	ET-354414	TR DTC144ES
TR9	ET-354414	TR DTC144ES
TR11	ET-353899	TR 2SA1317 S,T,U
TR12	ET-397160J	TR 2SC3330 R,S,T,U,V
TR13	ET-353899	TR 2SA1317 S,T,U
TR15	ET-353899	TR DTC114ES
TR17	ET-397160J	TR 2SC3330 R,S,T,U,V
TR18	ET-397160J	TR 2SC3330 R,S,T,U,V
TR19	ET-354414	TR DTC144ES
TR101	ET-354414	TR DTA114ES
TR102	ET-356336	TR DTA114ES
TR103	ET-354414	TR DTC144ES
TR104	ET-353899	TR 2SA1317 S,T,U
TR105	ET-353899	TR 2SA1317 S,T,U
TR107	ET-397160J	TR 2SC3330 R,S,T,U,V
TR109	ET-397160J	TR 2SC3330 R,S,T,U,V
TR202	ET-356336	TR DTA114ES
TR203	ET-397160J	TR 2SC3330 R,S,T,U,V
TR205	ET-388338J	TR 2SB1425 S,E
TR210	ET-405622J	TR 2SD2061 E,F
TR301	ET-354414	TR DTC144ES
TR302	ET-397160J	TR 2SC3330 R,S,T,U,V
TR304	ET-354415	TR DTA114ES
TR306	ET-354414	TR DTC144ES
TR307	ET-373985	TR DTA144TS
TR308	ET-373985	TR DTA144TS
TR309	ET-373985	TR DTA144TS
TR310	ET-354414	TR DTC144ES
TR312	ET-354415	TR DTA114ES
TR401	ET-356336	TR DTA114ES
TR404	ET-354364	TR DTC143TS
TR406	ET-397160J	TR 2SC3330 R,S,T,U,V
TR407	ET-353899	TR 2SA1317 S,T,U
TR408	ET-354414	TR DTC144ES
TR409	ET-360399	TR DTC114TS
TR410	ET-354414	TR DTC144ES
TR414	ET-388338J	TR 2SB1425 S,E
TR415	ET-353899	TR 2SA1317 S,T,U
TR417	ET-360399	TR DTC114TS
TR421	ET-364040	TR UN421D
TR423	ET-356336	TR DTA114ES
TR470	ET-353899	TR 2SA1317 S,T,U
TR471	ET-353899	TR 2SA1317 S,T,U
TR501	ET-353899	TR DTC114ES
TR503	ET-397160J	TR 2SC3330 R,S,T,U,V
TR506	ET-397160J	TR 2SC3330 R,S,T,U,V
TR507	ET-397160J	TR 2SC3330 R,S,T,U,V
TR508	ET-356336	TR DTA114ES
TR509	ET-397160J	TR 2SC3330 R,S,T,U,V
TR510	ET-397160J	TR 2SC3330 R,S,T,U,V
TR511	ET-397160J	TR 2SC3330 R,S,T,U,V
TR512	ET-397160J	TR 2SC3330 R,S,T,U,V
TR515	ET-397160J	TR 2SC3330 R,S,T,U,V
TR570	ET-397160J	TR 2SC3330 R,S,T,U,V
TR571	ET-397160J	TR 2SC3330 R,S,T,U,V
TR572	ET-354414	TR DTC144ES

Ref.No.	Part No.	Description
VR301	EV-405665J	R S-FIX H T05 KVSF637T 0.1W333
VR401	EV-405657J	R S-FIX H T05 KVSF637T 0.1W103
VR402	EV-404300J	R S-FIX H T05 KVSF637T 0.1W472
VR403	EV-405659J	R S-FIX H T05 KVSF637T 0.1W682
VR404	EV-405665J	R S-FIX H T05 KVSF637T 0.1W333
WF201	EW-404138J1	CORD KX MA-POW L=225 12P
X301	EI-389640J	OSC XTAL HC-49/U 8000KHZ
X500	EI-381632J	OSC XTAL 86686 4.433619MHZ
1	BV-403236J1	VIF UNIT KX EA
2	EE-408417J	TV TUNER VTSS6AZV EA
3	SP-388307J	PANEL REAR JACK EA

7. MAIN (B) P.C BOARD

Ref.No.	Part No.	Description
D601	ED-307572	D SILICON H 1SS131
D801	ED-307572	D SILICON H 1SS131
FL801	EO-388362J	COIL OSC 1 V1102
IC601	EI-405722J	IC UPD6450CX-515
IC602	EI-403469J	IC MM1068XS
IC801	EI-388360J	IC BA7765AS
L601	EO-345881	COIL FIX 1 EL0606SKI 101J
L602	EO-345876	COIL FIX 1 EL0606SKI 470J
L604	EO-351866	COIL FIX 1 LAP02 F05 330K
L605	EO-345881	COIL FIX 1 EL0606SKI 101J
L801	EO-390717J	COIL FIX 1 LHL06TB T05 103J
L802	EO-390716J	COIL FIX 1 LHL06TB T05 272J
TR601	ET-353899	TR 2SA1317 S,T,U
TR602	ET-354414	TR DTC144ES
TR603	ET-397160J	TR 2SC3330 R,S,T,U,V
TR607	ET-353899	TR 2SA1317 S,T,U
TR608	ET-353899	TR 2SA1317 S,T,U
TR801	ET-397160J	TR 2SC3330 R,S,T,U,V
VC601	EC-394757J	C S-FIX H T05 VCT51F 5.5-30
VR801	EV-403967J	R S-FIX V T05EVNDCAA03 0.1W332
VR802	EV-403968J	R S-FIX V T05EVNDCAA03 0.1W473
X601	EI-389974J	OSC XTAL HC-49/U 17.734475MHZ
X602	EI-403467J	OSC CE CSB500F40 15.680KHZ

8. PRE-AMP P.C BOARD

Ref.No.	Part No.	Description
D1	ED-307572	D SILICON H 1SS131
D2	ED-307572	D SILICON H 1SS131
IC1	EI-403250J	IC LA7376
L1	EO-376858	COIL FIX 1 LF-5.0S F05 560K
L2	EO-376606	COIL FIX 1 LF-5.0S F05 180K
L3	EO-381195J	COIL FIX 1 EL0405SKI 331K
L4	EO-376859	COIL FIX 1 LF-5.0S F05 8R2K
L5	EO-381191J	COIL FIX 1 EL0405SKI 181K
L6	EO-376612	COIL FIX 1 LF-5.0S F05 680K
L7	EO-376603	COIL FIX 1 LF-5.0S F05 150K
L8	EO-381193J	COIL FIX 1 EL0405SKI 271K
L9	EO-345880	COIL FIX 1 EL0606SKI 820J
L10	EO-345880	COIL FIX 1 EL0606SKI 820J
L13	EO-345880	COIL FIX 1 EL0606SKI 820J
L14	EO-376860	COIL FIX 1 LF-5.0S F05 820K
PS1	EJ-381075J	SOCKET HOUSING 5062-30-10-12
TR1	ET-397160J	TR 2SC3330 R,S,T,U,V
TR2	ET-353899	TR 2SA1317 S,T,U
TR3	ET-397160J	TR 2SC3330 R,S,T,U,V
TR4	ET-364040	TR UN421D
TR5	ET-397160J	TR 2SC3330 R,S,T,U,V
TR6	ET-353899	TR 2SA1317 S,T,U
TR8	ET-397160J	TR 2SC3330 R,S,T,U,V
TR10	ET-364040	TR UN421D
TR12	ET-397160J	TR 2SC3330 R,S,T,U,V
TR13	ET-353899	TR 2SA1317 S,T,U
TR14	ET-353899	TR 2SA1317 S,T,U
TR15	ET-360399	TR DTC114TS
TR16	ET-397160J	TR 2SC3330 R,S,T,U,V
VR1	EV-390157J	R S-FIX V KVSF639A 0.10W 102
VR2	EV-390157J	R S-FIX V KVSF639A 0.10W 102
VR3	EV-405248J	R S-FIX V T05EVNDCAA03 0.1W471
WP1	EW-403256J1	CORD FFC P1.25 L=230 12P

9. OPERATION P.C BOARD

Ref.No.	Part No.	Description
D10	ED-403279J	D ZENER H UTZJ9.1B
D11	ED-403278J	D ZENER H UTZJ7.5B
D12	ED-307572	D SILICON H 1SS131
D13	ED-307572	D SILICON H 1SS131
D14	ED-307572	D SILICON H 1SS131
D15	ED-307572	D SILICON H 1SS131
D17	ED-307572	D SILICON H 1SS131
D25	ED-307572	D SILICON H 1SS131
D26	ED-307572	D SILICON H 1SS131
D27	ED-307572	D SILICON H 1SS131
D43	ED-307572	D SILICON H 1SS131
FL1	EM-401077J	IND FL FV496G CHARACTER
IB1	EH-403945J	COMP R RGL9X 103J
IB2	EH-383083J	COMP R RGL9X 103J
IC1	EI-408391J1	IC UPD75217CW-146 JBXOPP2
IC2	EI-408393J	IC ST24C01B1
IC3	EI-373955	IC S-8053ALR
PH1	ET-381637J2	DETECTOR GP1U521X
PS1	EJ-389815J	SOCKET HOUSING 5062-30-10-15
PS2	EJ-387497J	SOCKET HOUSING 5062-30-10-13
SW1A	ES-408404J	SW TACT EVQ 235 07K T05 [260]
SW1B	ES-408405J	SW TACT EVQ 235 09K T05 [261/262]
SW2	ES-349474	SW TACT SKHHAM004A
SW3	ES-349474	SW TACT SKHHAM004A
SW4	ES-349474	SW TACT SKHHAM004A
SW5	ES-349474	SW TACT SKHHAM004A
SW6	ES-349474	SW TACT SKHHAM004A
SW7	ES-349474	SW TACT SKHHAM004A
SW8	ES-349474	SW TACT SKHHAM004A
SW9	ES-349474	SW TACT SKHHAM004A
SW12	ES-349474	SW TACT SKHHAM004A
TR1	ET-354414	TR DTC144ES
WP1	EW-394623J	CORD FFC P1.25 L=110 15P
WP2	EW-389313J	CORD FFC P1.25 L=120 13P
X1	EI-373957J1	OSC CE CST4.19MGW 4.194MHZ
X2	EI-368825	OSC XTAL MX-38T 32.768KHZ

10. VIF UNIT

Ref.No.	Part No.	Description
CF1	EH-714626	FILTER SAW SAF36.9MZ70Z
CF2	EH-373920	FILTER CE SFE5.5MB
CF3	EH-368948	FILTER CE TPS5.5MW 5.5000MHZ
IC1	EI-368809	IC M51496P
L1	EO-387800J	COIL FIX 1 EL0405SKI 2R7K
L3	EO-725953J	COIL SIF DET 6F16263A2
L4	EO-714616	COIL RF 6F16115B3
L5	EO-714613	COIL RF 6R16113B3
L6	EO-387799J	COIL FIX 1 EL0405SKI 180K
L7	EO-387799J	COIL FIX 1 EL0405SKI 180K
L8	EO-387802J	COIL FIX 1 EL0405SKI 330K
Q1	ET-725820J	TR CHIP 2SC2735J
Q2	ET-713614	TR CHIP 2SA1235 E,F
VR2	EV-404298J	R S-FIX H T05 KVSF637T 0.1W222
VR51	EV-405658J	R S-FIX H T05 KVSF637T 0.1W223

11. POWER SUPPLY P.C BOARD

Ref.No.	Part No.	Description
C1	EC-406634J	C EC V SXE12 222M 25.0DC
C2	EC-363490	C EC V CUT SME 222M 16.0DC
C3	EC-406635J	C EC V SXE16 222M 35.0DC
C4	EC-406636J	C EC V T05 SXE6 270M 63.0DC
C5	EC-406636J	C EC V T05 SXE6 270M 63.0DC
C10	EC-405612J	C EC V T05 SXE4 4R7M 50.0DC
D1	*ED-511907	D SILICON 1N4002 100/1.0A
D2	*ED-511907	D SILICON 1N4002 100/1.0A
D3	*ED-511907	D SILICON 1N4002 100/1.0A
D4	*ED-511907	D SILICON 1N4002 100/1.0A
D5	*ED-511907	D SILICON 1N4002 100/1.0A
D6	*ED-511907	D SILICON 1N4002 100/1.0A
D7	*ED-511907	D SILICON 1N4002 100/1.0A
D8	*ED-511907	D SILICON 1N4002 100/1.0A
D9	*ED-511907	D SILICON 1N4002 100/1.0A
D10	*ED-511907	D SILICON 1N4002 100/1.0A
D11	*ED-511907	D SILICON 1N4002 100/1.0A
D12	*ED-511907	D SILICON 1N4002 100/1.0A
D13	ED-405373J	D ZENER H MTZJ16A T26
D14	ED-404032J	D ZENER H UTZJ39A
D15	ED-405524J	D ZENER H MTZJ36A T26
D16	*ED-404029J	D ZENER H UTZJ10B T26
D17	*ED-511907	D SILICON 1N4002 100/1.0A
D18	*ED-511907	D SILICON 1N4002 100/1.0A
FR1	*ER-408375J	R FUSE V T05RF25SCP/TP1/4WR12K
FR2	*ER-400728J	R FUSE V T05 RF25SCP/TP1/4WR12K
FR3	*ER-408375J	R FUSE V T05RF25SCP/TP1/4WR12K
FR4	*ER-400728J	R FUSE V T05 RF25SCP/TP1/4WR12K
FR5	*ER-400605J	R FUSE V T05 ERD2FCV 1/4W15FROG
TR1	*ET-381175J	TR 2SD1856
TR2	*ET-366365	TR 2SB1185 E,F
TR3	*ET-405622J	TR 2SD2061 E,F
TR4	*ET-405622J	TR 2SD2061 E,F
TR5	*ET-405622J	TR 2SD2061 E,F
TR6	*ET-391025J	TR 2SD2012
TR7	*ET-366365	TR 2SB1185 E,F

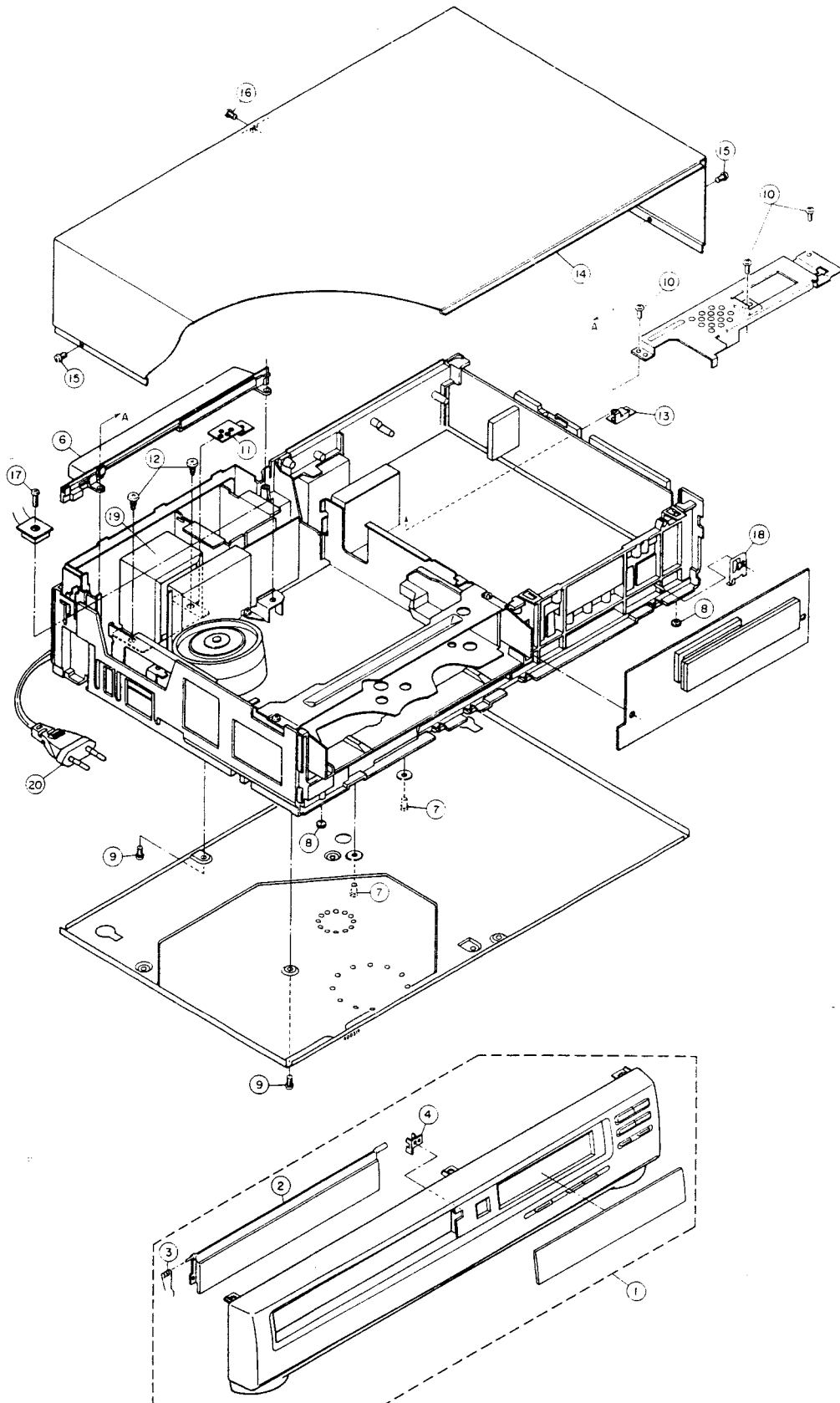
12. FINAL ASSEMBLY BLOCK

Ref.No.	Part No.	Description
1A	BD-404391J	PANEL FRONT VS-F260EA PART
1B	BD-407459J	PANEL FRONT VS-F261EA PART
1C	BD-407460J1	PANEL FRONT VS-F262EA PART
2A	SE-404390J	MASK CASSETTE (J) VS-F260 (E)
2B	SE-409258J	MASK CASSETTE VS-F261 (E)
2C	SE-408200J1	MASK CASSETTE VS-F262 (E)
3	ZG-387370J	SP MASK
4	SZ-401874J	STOPPER MASK
6	SC-387353J	COVER TRANS
7	ZS-362378	PLX BID30X10STL CMT
8	SA-387507J	FOOT SX
9	ZS-358936	ST BID30X06STL CMT
10	ZS-378341	PLX BID30X12STL CMT
11	ZG-387505J	PLATE EARTH
12	ZS-373962	PLX BID40X10STL CMT
13	ZG-387354J	PLATE EARTH (2)
14	SP-407479J	COVER UPPER JX
15	ZS-385611J	DT BID26X06STL BNI
16	ZS-391046J	PLX BID26X10STL BNI
17	ZS-357946	PLX PAN30X10STL CMT C080
18	ZG-392214J1	PLATE EARTH (3)
19	*BT-403252J	TRANS POW V1130 EA
20	*EW-404003M	AC CORD 200 SA-2 WITH TUBE S

13. ACCASSARY

Ref.No.	Part No.	Description
1	EW-348414	CORD PAL
2	AV-B1038A010A	REMOCON BLK RC-V250E

FINAL ASSEMBLY

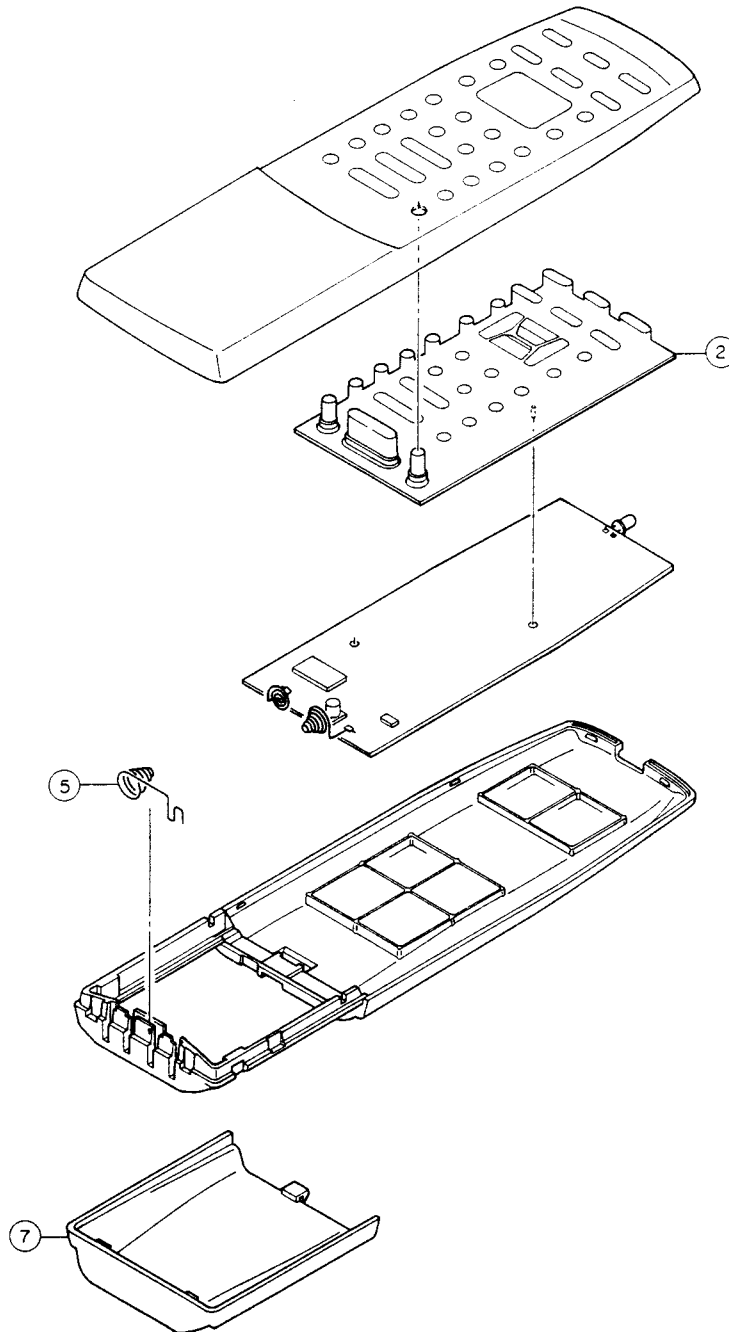


NOTE:
Parts will not be supplied if they are not listed in the parts list, even if they appear on the assembling illustrations with reference No.

6-5. REMOCON BLK

- MODEL VS-F260, F261, F265, F280EK/EO/EOH

REMOCON RC-V250E



REMOCON RC-V250E

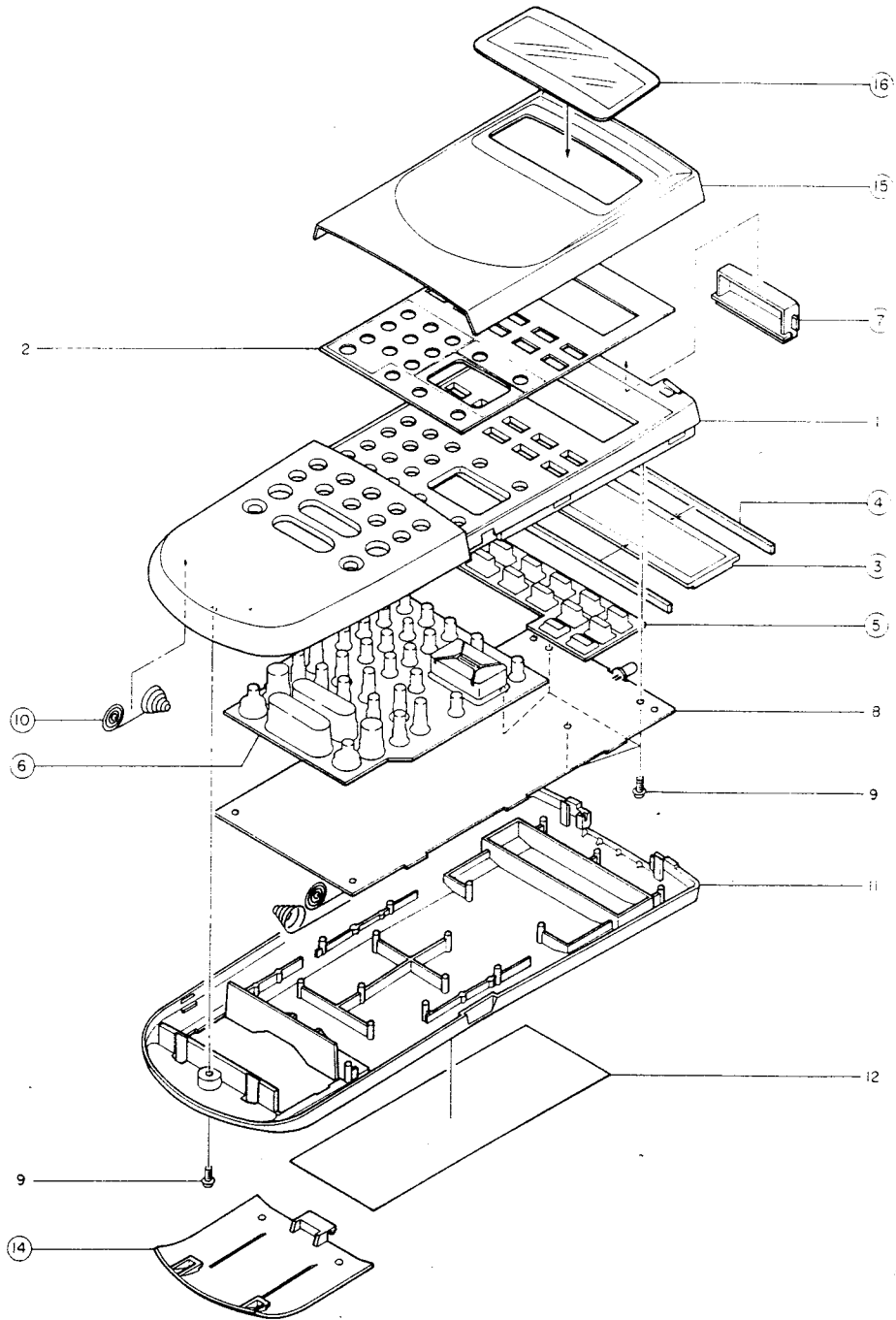
Ref.No.	Part No.	Description
2	MB-407424J	KEY RUBBER
5	ZG-406719J	TERMINAL BATTERY (A3)
7	SC-407425J	COVER BATTERY

REMOCON P.C BOARD RC-V250E

Ref.No.	Part No.	Description
D1	ED-403450J	D LED SE303ARF-C INFRARED
D2	ED-386031J	D SILICON CHIP MA110-TW
D3	ED-386031J	D SILICON CHIP MA110-TW
D4	ED-386031J	D SILICON CHIP MA110-TW
IC1	EI-376112	IC UPD6122G
TR1	ET-390826J	TR.CHIP 2SD1619 T,U TC T08
X1	EI-390687J	OSC CE CSU455PL 455KHZ
1	ZG-406720J	TERMINAL BATTERY (A1)
2	ZG-406722J	TERMINAL BATTERY (A2)

• MODEL VS-F270, F275, F290

REMOCON RC-V252E



REMOCON RC-V252E (G)

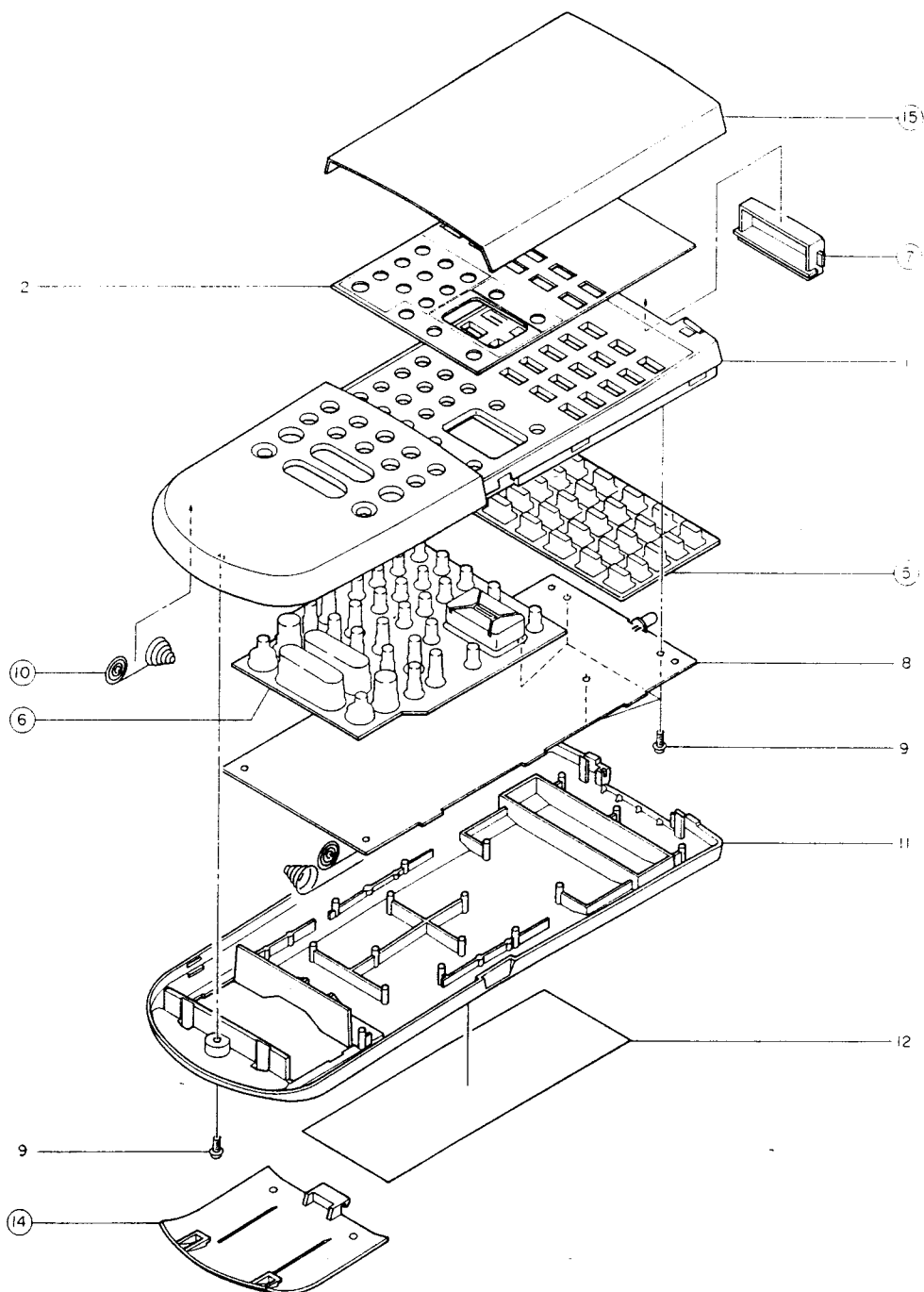
Ref.No.	Part No.	Description
3	EM-403448J	IND LCD LF5381G ENGLISH
4	EJ-403095J	TERMINAL LCD (3) B1014
5	MB-403107J	KEY RUBBER (S2)
6	MB-406738J	KEY RUBBER (L)-2
7	SE-403111J	FILTER
9	ZS-374389	PT BID20X06STL BNI
10	ZG-403100J1	TERMINAL BATTERY (+-)
14	SC-406730J	COVER BATTERY (2)
15	SP-406731J	DOOR PANEL (L2)
16	SP-403096J1	WINDOW LCD

REMOCON P.C BOARD RC-V252E (G)

Ref.No.	Part No.	Description
D1	ED-403450J	D LED SE303ARF-C INFRARED
IC1	EI-408408J1	IC M50933-128FP JXLCDR2
IC2	EI-400672J	IC S-8052ALB-LE
TR1	ET-390826J	TR.CHIP 2SD1619 T,U TC T08
X1	EI-368825	OSC XTAL MX-38T 32.768KHZ
X2	EI-403451J	OSC CE CSB1200J 1.200MHZ
1	ZG-403098J	TERMINAL BATTERY (+)
2	ZG-403099J	TERMINAL BATTERY (-)

• MODEL VS-F280EOG-V

REMOCON RC-V251G



REMOCON RC-V251G

Ref.No.	Part No.	Description
5	MB-406737J	KEY RUBBER (M6)
6	MB-406738J	KEY RUBBER (L)-2
7	SE-403111J	FILTER
9	ZS-374389	PT BID20X06STL BNI
10	ZG-403100J1	TERMINAL BATTERY (+-)
14	SC-406730J	COVER BATTERY (2)
15	SP-406739J	DOOR PANEL (V)-G2

REMOCON P.C BOARD RC-V251G

Ref.No.	Part No.	Description
D1	ED-403450J	D LED SE303ARF-C INFRARED
D2	ED-386031J	D SILICON CHIP MA110-TW
D3	ED-386031J	D SILICON CHIP MA110-TW
D4	ED-386031J	D SILICON CHIP MA110-TW
IC1	EI-376112	IC UPD6122G
TR1	ET-390826J	TR.CHIP 2SD1619 T,U TC T08
X1	EI-390687J	OSC CE CSU455PL 455KHZ
1	ZG-403098J	TERMINAL BATTERY (+)
2	ZG-403099J	TERMINAL BATTERY (-)

INDEX

EDG/EM/EOH/ES

EDG/EM/EOH/ES MODELS

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
AVB1038A010A	20-2A	ED307572	6-D1	ED401099J	18-D2	EH394838J	6-DL501
AVB1042A010C	20-2B	ED307572	6-D2	ED403267J	6-D205	EH403945J	9-IB1
BAV1130A500A	5-4A	ED307572	6-D3	ED403267J	18-D3	EH714627	12-CF1
BAV1130A510A	5-4B	ED307572	6-D4	ED403278J	9-D11	EH729986J	10-CF3A
BAV1130A600B	5-1A	ED307572	6-D5	ED403279J	9-D10	EH730625J	10-CF1
BAV1130A600D	5-1B	ED307572	6-D7	ED403450J	22-D1	EH780128	11-CF53
BAV1130A600G	5-1C	ED307572	6-D201	ED403450J	24-D1	EI200573	7-IC702
BAV1130A600H	5-1E	ED307572	6-D202	ED403724J	6-D304	EI353421	6-IC302
BAV1130A600J	5-1D	ED307572	6-D203	ED403731J	6-D6	EI356457	6-IC403
BAV1130A610B	5-2B	ED307572	6-D208	ED403732J	16-D50	EI366892	7-IC701
BAV1130A610C	5-2A	ED307572	6-D209	ED403947J	15-D102	EI368809	10-IC1
BAV1130A610D	5-2C	ED307572	6-D301	ED403948J	15-D107	EI368809	11-IC1
BAV1132A500C	5-4C	ED307572	6-D302	ED404029J	13-D16	EI368809	12-IC1
BAV1146A630C	5-3A	ED307572	6-D305	ED404031J	15-D104	EI368825	9-X2
BAV1146A630G	5-3B	ED307572	6-D306	ED404032J	13-D14	EI368825	24-X1
BAV1146A630L	5-3C	ED307572	6-D307	ED404032J	15-D19	EI368829	11-X51
BAV1146A630M	5-3D	ED307572	6-D308	ED404086J	6-D303	EI373955	9-IC3
BAV1146A635A	5-3G	ED307572	6-D309	ED405264J	15-D57	EI373957J1	9-X1
BAV1146A640K	5-3E	ED307572	6-D401	ED405264J	15-D58	EI373980	6-IC303
BAV1146A640L	5-3F	ED307572	6-D402	ED405264J	16-D7	EI373981J1	6-IC402
BBV1130A020H	3-64	ED307572	6-D403	ED405265J	15-D108	EI376112	22-IC1
BD407462J1	19-1A	ED307572	6-D405	ED405265J	15-D109	EI381575J	16-IC1
BD407464J1	19-1B	ED307572	6-D501	ED405373J	13-D13	EI381632J	6-X500
BD407465J1	19-1H	ED307572	6-D502	ED405524J	13-D15	EI388360J	7-IC801
BD407503J1	19-1F	ED307572	6-D503	ED405524J	15-D20	EI389622J	6-IC1
BD407505J	19-1G	ED307572	6-D505	ED405603J	6-D12	EI389640J	6-X301
BD407506J1	19-1C	ED307572	6-D506	ED405604J	6-D13	EI389974J	7-X601
BD407508J	19-1D	ED307572	6-D507	ED408807J	15-D27	EI390687J	22-X1
BD407509J1	19-1E	ED307572	6-D508	ED511907	6-D212	EI394856J	6-IC401
BLV1102A050A	3-23	ED307572	7-D601	ED511907	6-D213	EI400672J	24-IC2
BLV1102A140A	3-43	ED307572	7-D603	ED511907	13-D1	EI400756J	6-IC201
BM387503J	4-31	ED307572	7-D801	ED511907	13-D2	EI403231J	6-IC101
BM400682J1	4-9	ED307572	8-D1	ED511907	13-D3	EI403234J1	6-IC400
BM401296J	2-8	ED307572	8-D2	ED511907	13-D4	EI403250J	8-IC1
BT403251J	19-19B	ED307572	9-D2	ED511907	13-D5	EI403451J	24-X2
BT403873J	19-19C	ED307572	9-D5	ED511907	13-D6	EI403467J	7-X602
BT403874J	19-19A	ED307572	9-D12	ED511907	13-D7	EI403469J	7-IC602
BT404028J	19-19D	ED307572	9-D13	ED511907	13-D8	EI405722J	7-IC601
BVV1102A070A	3-35	ED307572	9-D14	ED511907	13-D9	EI408391J1	9-IC1
BVV1102A080A	3-36	ED307572	9-D15	ED511907	13-D10	EI408393J	9-IC2
BVV1102A150A	3-48	ED307572	9-D17	ED511907	13-D11	EI408408J1	24-IC1
BVV1123A410A	2-1	ED307572	9-D25	ED511907	13-D12	EI408416J	6-IC301
BVV1123A420A	2-2	ED307572	9-D26	ED511907	13-D17	EJ381075J	8-PS1
BV387611J	6-MD1B	ED307572	9-D27	ED511907	13-D18	EJ381837J	4-16
BV403237J	6-1A	ED307572	9-D32	ED511907	15-D3	EJ387497J	4-15
BV403239J1	6-1B	ED307572	9-D41	ED511907	15-D4	EJ387497J	9-PS2
BV403240J1	6-1C	ED307572	9-D42	ED511907	15-D17	EJ387613J	6-J102
BV403242J1	6-1D	ED307572	9-D43	ED511907	15-D18	EJ387614J	6-J101
BV403408J	6-MD1A	ED307572	15-D16	ED511907	15-D71	EJ389815J	9-PS1
BV403409J	6-MD1C	ED307572	15-D54	ED511907	15-D72	EJ403095J	23-4
BV403411J	6-MD1D	ED307572	15-D55	ED511907	15-D73	EM401077J	9-FL1
EA387496J	4-12	ED307572	15-D103	ED511907	15-D74	EM403448J	23-3
EC363490	13-C2	ED307572	16-D10	ED511907	15-D101	EO345874	6-L410
EC389414J	15-C101	ED366443	6-D406	EE387603J1	6-2D	EO345876	7-L602
EC391843J	6-C369	ED379298	14-D1	EE390143J2	6-2C	EO345880	6-L404
EC394757J	7-VC601	ED379298	17-D60	EE405638J	6-2B	EO345880	6-L472
EC403878J	15-C4	ED386031J	22-D2	EE408471J	6-2A	EO345880	6-L500
EC403878J	15-C15	ED386031J	22-D3	EH366894	7-FL701	EO345880	6-L502
EC403880J	15-C20	ED386031J	22-D4	EH368816	11-CF1	EO345880	6-L505
EC404197J	15-C23	ED386226J	15-D6	EH368827	11-CF52	EO345880	6-L506
EC404197J	15-C24	ED386226J	15-D8	EH368948	10-CF3B	EO345880	6-L509
EC405612J	13-C10	ED386226J	15-D11	EH368948	11-CF3	EO345880	6-L570
EC406634J	13-C1	ED387919J	6-D8	EH373918	11-CF4	EO345880	8-L9
EC406635J	13-C3	ED390011J	4-13	EH373919	12-CF3	EO345880	8-L10
EC406636J	13-C4	ED390012J	4-14	EH373920	10-CF2	EO345880	8-L13
EC406636J	13-C5	ED391005J	15-D28	EH373921	12-CF2	EO345881	6-L101
EC408376J	15-C1	ED391005J	16-D56	EH376338	11-CF2	EO345881	6-L302
EC408377J	15-C2	ED397233J	6-D204	EH383083J	9-IB2	EO345881	7-L601
EC408426J	15-C3	ED401046J	15-D106	EH388287J	11-CF51	EO345881	7-L605
EC408426J	15-C14	ED401099J	18-D1	EH390730J	6-DL500	EO345881	7-L701

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
EO345881	7-L702	ER400728J	13-FR2	ET354415	6-TR304	ET397160J	6-TR509
EO351866	7-L603	ER400728J	13-FR4	ET354415	6-TR312	ET397160J	6-TR510
EO351866	7-L604	ER400728J	15-FR1	ET356336	6-TR102	ET397160J	6-TR511
EO353900	6-L501	ER400729J	6-FR350	ET356336	6-TR108	ET397160J	6-TR512
EO353900	6-L503	ER400959J	6-FR201	ET356336	6-TR202	ET397160J	6-TR515
EO353900	6-L504	ER401039J	15-FR102	ET356336	6-TR401	ET397160J	6-TR570
EO354600	6-L401	ER403405J	6-R214	ET356336	6-TR423	ET397160J	6-TR571
EO354600	6-L405	ER404093J	6-FR202	ET356336	6-TR508	ET397160J	7-TR603
EO356722	6-L103	ER404093J	6-FR501	ET356336	6-TR513	ET397160J	7-TR604
EO356722	6-L470	ER405441J	15-FR5	ET356336	7-TR605	ET397160J	7-TR701
EO357508	6-L402	ER408375J	13-FR1	ET356336	7-TR606	ET397160J	7-TR702
EO366893	7-VL701	ER408375J	13-FR3	ET356817	15-TR6	ET397160J	7-TR751
EO376603	8-L7	ER408375J	15-FR2	ET360399	6-TR409	ET397160J	7-TR752
EO376606	8-L2	ES349474	9-SW2	ET360399	6-TR417	ET397160J	7-TR753
EO376612	8-L6	ES349474	9-SW3	ET360399	8-TR7	ET397160J	7-TR754
EO376858	8-L1	ES349474	9-SW4	ET360399	8-TR9	ET397160J	7-TR801
EO376859	8-L4	ES349474	9-SW5	ET360399	8-TR15	ET397160J	8-TR1
EO376860	8-L14	ES349474	9-SW6	ET360399	15-TR14	ET397160J	8-TR3
EO380091J1	16-L10	ES349474	9-SW7	ET360399	15-TR15	ET397160J	8-TR5
EO381191J	8-L5A	ES349474	9-SW8	ET360646	6-TR502	ET397160J	8-TR8
EO381192J	6-L403	ES349474	9-SW9	ET361490	4-24	ET397160J	8-TR12
EO381193J	8-L8A	ES349474	9-SW12	ET363953	6-TR303	ET397160J	8-TR16
EO381195J	6-L511	ES373099	4-39	ET364040	6-TR421	ET397160J	15-TR16
EO381195J	8-L3	ES387465J	4-17	ET364040	8-TR4	ET397160J	18-TR2
EO381196J	6-L301	ES408404J	9-SW1A	ET364040	8-TR10	ET397160J	18-TR3
EO381197J	6-L512	ES408405J	9-SW1B	ET366168	15-TR103	ET400218J	15-TR102
EO386541J	15-L6	ET353897	6-TR15	ET366168	16-TR4	ET404195J	15-TR107
EO387782J	11-L1	ET353897	6-TR501	ET366365	13-TR2	ET405622J	6-TR20
EO387798J	11-L6	ET353897	16-TR50	ET366365	13-TR7	ET405622J	6-TR210
EO387798J	12-L6	ET353899	6-TR1	ET366365	15-TR1	ET405622J	13-TR3
EO387798J	12-L7	ET353899	6-TR3	ET366365	15-TR5	ET405622J	13-TR4
EO387799J	10-L6	ET353899	6-TR4	ET366365	15-TR9	ET405622J	13-TR5
EO387799J	10-L7	ET353899	6-TR5	ET366365	15-TR13	ET405622J	15-TR12
EO387800J	10-L1	ET353899	6-TR6	ET366365	15-TR104	ET405622J	16-TR2
EO387800J	12-L1	ET353899	6-TR7	ET366365	18-TR1	ET405622J	16-TR7
EO387802J	6-L590	ET353899	6-TR11	ET370819	11-Q3	ET713614	10-Q2
EO387802J	10-L8	ET353899	6-TR13	ET370819	11-Q51	ET713614	11-Q2
EO387802J	12-L8	ET353899	6-TR104	ET370819	11-Q52	ET713614	11-Q4
EO387803J	8-L8B	ET353899	6-TR105	ET373985	6-TR307	ET713614	12-Q2
EO387803J	11-L52	ET353899	6-TR407	ET373985	6-TR308	ET725820J	10-Q1
EO388088J	8-L5B	ET353899	6-TR415	ET373985	6-TR309	ET725820J	11-Q1
EO388161J	6-L474	ET353899	6-TR470	ET375777	6-TR2	ET725820J	12-Q1
EO388362J	7-FL801	ET353899	6-TR471	ET381175J	13-TR1	EV390157J	8-VR1
EO390716J	7-L802	ET353899	7-TR601	ET381637J2	9-PH1	EV390157J	8-VR2
EO390717J	7-L801	ET353899	7-TR607	ET388338J	6-TR205	EV403967J	7-VR801
EO392817J	6-L507	ET353899	7-TR608	ET388338J	6-TR414	EV403968J	7-VR802
EO393769J	15-L9	ET353899	8-TR2	ET389803J	15-TR101	EV404298J	10-VR2
EO396361J	11-L51	ET353899	8-TR6	ET389803J	15-TR106	EV404298J	11-VR2
EO397238J	11-L5	ET353899	8-TR13	ET389803J	16-TR3	EV404298J	12-VR2
EO403270J	6-L510	ET353899	8-TR14	ET389803J	16-TR8	EV404300J	6-VR402
EO403937J	6-L508	ET354364	6-TR404	ET390009J	4-19	EV405248J	8-VR3
EO408381J	15-L1	ET354414	6-TR8	ET390010J	4-18	EV405657J	6-VR401
EO408381J	15-L2	ET354414	6-TR9	ET390826J	22-TR1	EV405658J	10-VR51
EO408381J	15-L3	ET354414	6-TR10	ET390826J	24-TR1	EV405658J	11-VR1
EO408381J	15-L4	ET354414	6-TR19	ET391025J	13-TR6	EV405658J	12-VR51
EO714610	10-L5	ET354414	6-TR101	ET397160J	6-TR12	EV405659J	6-VR403
EO714610	12-L5	ET354414	6-TR103	ET397160J	6-TR14	EV405665J	6-VR301
EO714614	10-L4	ET354414	6-TR301	ET397160J	6-TR16	EV405665J	6-VR404
EO714614	12-L4	ET354414	6-TR306	ET397160J	6-TR17	EW348414	20-1
EO725953J	10-L3	ET354414	6-TR310	ET397160J	6-TR18	EW389313J	4-20
EO725954J	12-L3	ET354414	6-TR408	ET397160J	6-TR107	EW389313J	9-WP2
EO732831J	11-L2	ET354414	6-TR410	ET397160J	6-TR109	EW394623J	9-WP1
EO732832J	11-L3	ET354414	6-TR425	ET397160J	6-TR203	EW403256J1	8-WP1
EO732833J	11-L4	ET354414	6-TR514	ET397160J	6-TR302	EW404002M	19-2
EQ400153J	15-RL101	ET354414	6-TR572	ET397160J	6-TR406	EW404138J1	6-WF201
ER393768J	15-R14	ET354414	7-TR602	ET397160J	6-TR503	HE390013J	3-20
ER400605J	13-FR5	ET354414	7-TR609	ET397160J	6-TR504	HR405340J	3-13
ER400605J	15-FR3	ET354414	7-TR803	ET397160J	6-TR505	MA387474J3	2-6
ER400689J	15-FR4	ET354414	8-TR11	ET397160J	6-TR506	MB387289J	4-11
ER400689J	15-FR101	ET354414	9-TR1	ET397160J	6-TR507	MB403107J	23-5

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
MB406738J	23-6	ZG387323J	3-5				
MB407424J	21-2	ZG387348J1	3-49				
MI387294J	3-10	ZG387354J	19-13				
ML387277J3	3-32	ZG387370J	19-3				
ML387311J2	4-42	ZG387403J	4-5				
ML387316J	3-1	ZG387413J1	4-27				
ML387318J	3-2	ZG387417J	3-44				
ML387321J	3-4	ZG387418J	3-45				
ML387324J1	4-1	ZG387420J1	3-55				
ML387344J	3-54	ZG387421J	3-50				
ML387345J	3-51	ZG387438J1	3-11				
ML387346J	3-53	ZG387443J	4-34				
ML387349J2	3-56	ZG387467J	3-7				
ML387350J1	3-47	ZG387468J	4-4				
ML387402J1	4-3	ZG387505J	19-11				
ML387423J	3-6	ZG388290J1	3-52				
ML387428J	3-39	ZG392214J1	19-18				
ML387431J1	3-31	ZG392294J	3-61				
ML390768J4	3-25	ZG392831J	3-46				
ML391745J3	3-41	ZG395567J	3-42				
ML404944J	4-2	ZG403098J	24-1				
MP404852J	3-27	ZG403099J	24-2				
MR387286J1	3-18	ZG403100J1	23-10				
MR387406J	4-35	ZG406719J	21-5				
MR391968J	4-33	ZG406720J	22-1				
MT390954J1	3-9	ZG406722J	22-2				
MZV1102A090A	4-25	ZS321298	2-3				
MZV1102A100A	4-26	ZS321298	3-15				
MZ387298J3	4-7	ZS336714	2-12				
MZ387330J	4-32	ZS336714	3-22				
MZ387331J	4-29	ZS357946	19-17				
MZ387332J	4-28	ZS358936	2-5				
MZ387333J	4-30	ZS358936	3-59				
MZ387335J	3-40	ZS358936	4-41				
MZ387430J	4-21	ZS358936	19-9				
MZ387445J	4-22	ZS362378	19-7				
MZ387446J	4-23	ZS365149	4-10				
MZ402760J1	3-17	ZS373962	19-12				
MZ406134J	3-58	ZS374389	23-17				
SA387507J	19-8	ZS374458	3-38				
SC387353J	19-6	ZS378341	19-10				
SC406730J	23-14	ZS379350	2-11				
SC407425J	21-7	ZS385611J	19-15				
SE395554J	3-57	ZS389853J	2-14				
SE403111J	23-7	ZS389853J	3-16				
SE407416J	19-5B	ZS389950J	4-40				
SE407725J	19-5A	ZS391046J	19-16				
SE409018J1	19-2A	ZS404844J	3-14				
SE409019J1	19-2B	ZS425981	4-36				
SE409023J1	19-2E	ZS464703	3-28				
SE409024J1	19-2F	ZS467796	2-9				
SE409025J1	19-2C	ZS563444	2-7				
SE409259J	19-2D	ZW332843	3-30				
SE409264J	19-2G	ZW374445	3-19				
SP387357J	6-3C	ZW387492J	4-8				
SP388306J	6-3D	ZW389814J	3-8				
SP388307J	6-3B	ZW389923J	4-6				
SP395563J	6-3A	ZW401776J	3-34				
SP403096J1	23-16						
SP406731J	23-15						
SP407479J	19-14						
SZ387388J	2-4						
SZ401874J	19-4						
SZ407187J2	3-24						
VT387394J1	3-37						
VT401282J	2-13						
ZG373900	3-12						
ZG387272J	3-26						
ZG387282J	3-33						
ZG387320J	3-3						

EO/EOG/EOG-V MODELS

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
AVB1038A010A	19-2A	ED307572	6-D309	ED404029J	11-D16	EI400756J	6-IC201
AVB1039A010A	19-2C	ED307572	6-D401	ED404032J	11-D14	EI401050J	17-IC106
AVB1042A010C	19-2B	ED307572	6-D402	ED404032J	13-D19	EI403231J	6-IC101
BAV1130A600E	5-1A	ED307572	6-D405	ED404086J	6-D303	EI403234J1	6-IC400
BAV1130A610C	5-2	ED307572	6-D501	ED405264J	13-D57	EI403250J	8-IC1
BAV1130Q600M	5-1C	ED307572	6-D502	ED405264J	13-D58	EI403451J	23-X2
BAV1130Q605F	5-1B	ED307572	6-D503	ED405264J	14-D7	EI403467J	7-X602
BAV1132A500A	5-4A	ED307572	6-D505	ED405373J	11-D13	EI403469J	7-IC602
BAV1132A500B	5-4B	ED307572	6-D506	ED405446J	16-D602	EI405224J	17-IC102
BAV1135A500E	5-4C	ED307572	6-D507	ED405446J	17-D602	EI405224J	17-IC103
BAV1146Q630H	5-3B	ED307572	6-D508	ED405524J	11-D15	EI405722J	7-IC601
BAV1146Q630J	5-3A	ED307572	7-D601	ED405524J	13-D20	EI408391J1	9-IC1
BAV1146Q630K	5-3C	ED307572	7-D603	ED405603J	6-D12	EI408393J	9-IC2
BAV1146Q640J	5-3D	ED307572	7-D801	ED405604J	6-D13	EI408408J1	23-IC1
BBV1130A020H	3-64	ED307572	8-D1	ED511907	6-D212	EI408416J	6-IC301
BD404286J	18-1A	ED307572	8-D2	ED511907	6-D213	EI408430J	16-IC401
BD407491J	18-1D	ED307572	9-D2	ED511907	11-D1	EI408432J	17-IC101
BD407503J1	18-1B	ED307572	9-D12	ED511907	11-D2	EI408433J	17-X102
BD407504J	18-1C	ED307572	9-D13	ED511907	11-D3	EI408434J	17-IC104
BLV1102A050A	3-23	ED307572	9-D14	ED511907	11-D4	EI410125J	17-IC105
BLV1102A140A	3-43	ED307572	9-D15	ED511907	11-D9	EJ381075J	8-PS1
BM387503J	4-31	ED307572	9-D17	ED511907	11-D11	EJ381837J	416
BM400682J1	4-9	ED307572	9-D25	ED511907	13-D3	EJ387497J	415
BM401296J	2-8	ED307572	9-D26	ED511907	13-D4	EJ387497J	9-PS2
BT403873J	18-19A	ED307572	9-D27	ED511907	13-D17	EJ387613J	6J102
BT403883J	18-19B	ED307572	9-D32	ED511907	13-D18	EJ389815J	9-PS1
BVV1102A070A	3-35	ED307572	9-D41	ED511907	13-D71	EJ403095J	22-4
BVV1102A080A	3-36	ED307572	9-D44	ED511907	13-D72	EM401077J	9-FL1
BVV1102A150A	3-48	ED307572	13-D16	ED511907	13-D73	EM403448J	22-3
BVV1123A410A	2-1	ED307572	13-D54	ED511907	13-D74	EO339907	11-FL1
BVV1123A420A	2-2	ED307572	13-D55	EE387604J2	6-2	EO339907	13-FL2
BV403241J1	6-1	ED307572	14-D10	EH366894	7-FL701	EO345865	15-L1
BV403409J	6-MD1	ED307572	14-D52	EH368948	10-CF3	EO345865	15-L301
EA387496J	4-12	ED307572	16-D1	EH373920	10-CF2	EO345865	15-L401
EC363490	11-C2	ED307572	16-D601	EH383056J	17-IB101	EO345865	17-L1
EC391843J	6-C369	ED307572	17-D1	EH383083J	9-IB2	EO345865	17-L101
EC394757J	7-VC601	ED307572	17-D101	EH386637J	16-IB401	EO345865	17-L102
EC403878J	13-C4	ED307572	17-D201	EH386637J	17-IB102	EO345865	17-L121
EC403878J	13-C15	ED307572	17-D601	EH390730J	6-DL500	EO345865	17-L155
EC403880J	13-C20	ED366443	6-D406	EH394684J	17-FL101	EO345865	17-L201
EC405612J	11-C10	ED379298	12-D1	EH403945J	9-IB1	EO345865	17-L202
EC406634J	11-C1	ED379298	15-D14	EH730625J	10-CF1	EO345865	17-L251
EC406635J	11-C3	ED386031J	21-D2	EI353421	6-IC302	EO345865	17-L301
EC406636J	11-C4	ED386031J	21-D3	EI366892	7-IC701	EO345871	17-L206
EC406636J	11-C5	ED386031J	21-D4	EI368809	10-IC1	EO345873	17-L204
EC406639J	13-C23	ED386031J	25-D2	EI368825	9-X2	EO345874	6L410
EC406639J	13-C24	ED386031J	25-D3	EI368825	23-X1	EO345874	17-L207
EC408376J	13-C1	ED386031J	25-D4	EI373955	9-IC3	EO345874	17-L208
EC408377J	13-C2	ED386226J	7-D802	EI373957J1	9-X1	EO345875	17-L203
EC408426J	13-C3	ED386226J	13-D6	EI373957J1	16-X401	EO345876	7L602
EC408426J	13-C14	ED386226J	13-D8	EI373957J1	17-X101	EO345880	6_404
ED307572	6-D1	ED386226J	13-D11	EI373980	6-IC303	EO345880	6_472
ED307572	6-D2	ED387919J	6-D8	EI373981J1	6-IC402	EO345880	6_500
ED307572	6-D3	ED387919J	14-D50	EI376112	21-IC1	EO345880	6_505
ED307572	6-D4	ED390011J	4-13	EI376112	25-IC1	EO345880	6_506
ED307572	6-D9	ED390012J	4-14	EI381575J	14-IC1	EO345880	6_509
ED307572	6-D10	ED391005J	13-D28	EI381632J	6-X500	EO345880	6_570
ED307572	6-D201	ED396060J	13-D27	EI385958J	16-IC301	EO345880	8_9
ED307572	6-D202	ED397233J	6-D204	EI385958J	17-IC301	EO345880	8_10
ED307572	6-D203	ED401099J	9-D33	EI387019J	17-IC108	EO345880	8_13
ED307572	6-D206	ED403267J	6-D205	EI388360J	7-IC801	EO345880	1-L153
ED307572	6-D207	ED403267J	13-D51	EI389622J	6-IC1	EO345881	6_101
ED307572	6-D208	ED403278J	9-D11	EI389640J	6-X301	EO345881	6_302
ED307572	6-D209	ED403279J	9-D10	EI389974J	7-X601	EO345881	7_601
ED307572	6-D301	ED403450J	21-D1	EI390687J	21-X1	EO345881	7_605
ED307572	6-D302	ED403450J	23-D1	EI390687J	25-X1	EO345881	7_701
ED307572	6-D305	ED403450J	25-D1	EI394673J	17-X103	EO351866	7_603
ED307572	6-D306	ED403724J	6-D304	EI394680J	17-IC107	EO351866	7_604
ED307572	6-D307	ED403726J	6-D210	EI394856J	6-IC401	EO353900	6_501
ED307572	6-D308	ED403730J	6-D211	EI400672J	23-IC2	EO354600	6_401

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
EO354600	6-L405	ES349474	9-SW8	ET356817	13-TR6	ET397160J	17-TR251
EO356722	6-L103	ES349474	9-SW9	ET360399	6-TR409	ET404195J	14-TR4
EO356722	6-L470	ES349474	9-SW12	ET360399	6-TR417	ET405622J	6-TR20
EO357508	6-L402	ES373099	4-39	ET360399	8-TR7	ET405622J	6-TR210
EO366893	7-VL701	ES387465J	4-17	ET360399	8-TR15	ET405622J	11-TR3
EO376603	8-L7	ES408404J	9-SW1A	ET360399	13-TR14	ET405622J	11-TR4
EO376606	8-L2	ES408405J	9-SW1B	ET360399	13-TR15	ET405622J	11-TR5
EO376612	8-L6	ET353897	6-TR15	ET361490	4-24	ET405622J	11-TR6
EO376858	8-L1	ET353897	6-TR501	ET364040	6-TR421	ET405622J	13-TR12
EO376859	8-L4	ET353899	6-TR1	ET364040	8-TR4	ET405622J	14-TR2
EO376860	8-L14	ET353899	6-TR3	ET364040	8-TR10	ET405622J	14-TR7
EO380091J1	14-L10	ET353899	6-TR4	ET366168	6-TR201	ET713614	10-Q2
EO381192J	6-L403	ET353899	6-TR5	ET366365	11-TR2	ET724885J	10-Q51
EO381195J	6-L511	ET353899	6-TR7	ET366365	11-TR7	ET724885J	10-Q52
EO381195J	8-L3	ET353899	6-TR11	ET366365	13-TR1	ET725820J	10-Q1
EO381196J	6-L301	ET353899	6-TR13	ET366365	13-TR5	EV390157J	8-VR1
EO381197J	6-L512	ET353899	6-TR104	ET366365	13-TR9	EV390157J	8-VR2
EO386541J	13-L6	ET353899	6-TR105	ET366365	13-TR13	EV403967J	7-VR801
EO387799J	10-L6	ET353899	6-TR407	ET373985	6-TR307	EV403968J	7-VR802
EO387799J	10-L7	ET353899	6-TR415	ET373985	6-TR308	EV404298J	10-VR2
EO387800J	10-L1	ET353899	6-TR470	ET373985	6-TR309	EV404300J	6-VR402
EO387802J	10-L8	ET353899	6-TR471	ET375777	6-TR2	EV405248J	8-VR3
EO387803J	8-L8	ET353899	7-TR601	ET381175J	11-TR1	EV405657J	6-VR401
EO388088J	8-L5	ET353899	7-TR607	ET381637J2	9-PH1	EV405658J	10-VR51
EO388161J	6-L474	ET353899	7-TR608	ET388338J	6-TR205	EV405658J	10-VR52
EO388362J	7-FL801	ET353899	8-TR2	ET388338J	6-TR414	EV405659J	6-VR403
EO390716J	7-L802	ET353899	8-TR6	ET390009J	4-19	EV405665J	6-VR301
EO390717J	7-L801	ET353899	8-TR13	ET390010J	4-18	EV405665J	6-VR404
EO392817J	6-L507	ET353899	8-TR14	ET390826J	21-TR1	EW348414	19-1
EO393769J	13-L9	ET353899	14-TR3	ET390826J	23-TR1	EW389313J	4-20
EO397389J	7-L850	ET353899	14-TR8	ET390826J	25-TR1	EW389313J	9-WP2
EO403270J	6-L510	ET353899	17-TR152	ET397160J	6-TR12	EW394623J	9-WP1
EO403937J	6-L480	ET353899	17-TR153	ET397160J	6-TR17	EW403256J1	8-WP1
EO403937J	6-L508	ET353899	17-TR204	ET397160J	6-TR18	EW404002M	18-20
EO408381J	13-L1	ET353899	17-TR208	ET397160J	6-TR107	EW404138J1	6-WF201
EO408381J	13-L2	ET353899	17-TR252	ET397160J	6-TR109	HE390013J	3-20
EO408381J	13-L3	ET353899	17-TR253	ET397160J	6-TR203	HR405340J	3-13
EO408381J	13-L4	ET354083	16-TR601	ET397160J	6-TR302	MA387474J3	2-6
EO410099J	17-L154	ET354083	17-TR601	ET397160J	6-TR406	MB387289J	4-11
EO410104J	17-L151	ET354364	6-TR404	ET397160J	6-TR503	MB403107J	22-5
EO410104J	17-L152	ET354414	6-TR8	ET397160J	6-TR506	MB406737J	24-5
EO714610	10-L5	ET354414	6-TR9	ET397160J	6-TR507	MB406738J	22-6
EO714614	10-L4	ET354414	6-TR19	ET397160J	6-TR509	MB406738J	24-6
EO725953J	10-L3	ET354414	6-TR101	ET397160J	6-TR510	MB407424J	20-2
EO725964J	10-L51	ET354414	6-TR103	ET397160J	6-TR511	MI387294J	3-10
EO725965J	10-L52	ET354414	6-TR209	ET397160J	6-TR512	ML387277J3	3-32
ER331188	16-FR601	ET354414	6-TR301	ET397160J	6-TR515	ML387311J2	4-42
ER331188	17-FR601	ET354414	6-TR306	ET397160J	6-TR570	ML387316J	3-1
ER333091	13-R14	ET354414	6-TR310	ET397160J	6-TR571	ML387318J	3-2
ER400605J	11-FR5	ET354414	6-TR408	ET397160J	7-TR603	ML387321J	3-4
ER400605J	13-FR3	ET354414	6-TR410	ET397160J	7-TR604	ML387324J1	4-1
ER400689J	13-FR4	ET354414	6-TR514	ET397160J	7-TR701	ML387344J	3-54
ER400728J	11-FR2	ET354414	6-TR572	ET397160J	7-TR702	ML387345J	3-51
ER400728J	11-FR4	ET354414	7-TR602	ET397160J	7-TR801	ML387346J	3-53
ER400728J	13-FR1	ET354414	7-TR609	ET397160J	8-TR1	ML387349J2	3-56
ER400729J	6-FR350	ET354414	8-TR11	ET397160J	8-TR3	ML387350J1	3-47
ER400959J	6-FR201	ET354414	9-TR1	ET397160J	8-TR5	ML387402J1	4-3
ER403405J	6-R214	ET354415	6-TR304	ET397160J	8-TR8	ML387423J	3-6
ER404093J	6-FR202	ET354415	6-TR312	ET397160J	8-TR12	ML387428J	3-39
ER404093J	6-FR501	ET354415	17-TR101	ET397160J	8-TR16	ML387431J1	3-31
ER405441J	13-FR5	ET356336	6-TR102	ET397160J	13-TR16	ML390768J4	3-25
ER408375J	11-FR1	ET356336	6-TR108	ET397160J	16-TR1	ML391745J3	3-41
ER408375J	11-FR3	ET356336	6-TR202	ET397160J	17-TR1	ML404944J	42
ER408375J	13-FR2	ET356336	6-TR211	ET397160J	17-TR102	MP404852J	3-27
ES349474	9-SW2	ET356336	6-TR401	ET397160J	17-TR151	MR387286J1	3-18
ES349474	9-SW3	ET356336	6-TR423	ET397160J	17-TR154	MR387406J	4-35
ES349474	9-SW4	ET356336	6-TR508	ET397160J	17-TR155	MR391968J	4-33
ES349474	9-SW5	ET356336	6-TR513	ET397160J	17-TR201	MT390954J1	39
ES349474	9-SW6	ET356336	7-TR605	ET397160J	17-TR202	MZV1102A090A	4-25
ES349474	9-SW7	ET356336	7-TR606	ET397160J	17-TR203	MZV1102A100A	4-26

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
MZ387298J3	4-7	ZS336714	3-22				
MZ387330J	4-32	ZS357946	18-17				
MZ387331J	4-29	ZS358936	2-5				
MZ387332J	4-28	ZS358936	3-59				
MZ387333J	4-30	ZS358936	4-41				
MZ387335J	3-40	ZS358936	18-9				
MZ387430J	4-21	ZS362378	18-7				
MZ387445J	4-22	ZS365149	4-10				
MZ387446J	4-23	ZS373962	18-12				
MZ402760J1	3-17	ZS374389	22-17				
MZ406134J	3-58	ZS374389	24-17				
SA387507J	18-8	ZS374458	3-38				
SC387353J	18-6	ZS378341	18-10				
SC406730J	22-14	ZS379350	2-11				
SC406730J	24-14	ZS385611J	18-15				
SC407425J	20-7	ZS389853J	2-14				
SE395554J	3-57	ZS389853J	3-16				
SE403111J	22-7	ZS389950J	4-40				
SE403111J	24-7	ZS391046J	18-16				
SE409024J1	18-2B	ZS404844J	3-14				
SE409256J	18-2A	ZS425981	4-36				
SE409257J	18-2C	ZS464703	3-28				
SE409262J	18-2D	ZS467796	2-9				
SP387357J	6-3A	ZS563444	2-7				
SP388305J	6-3B	ZW332843	3-30				
SP403096J1	22-16	ZW374445	3-19				
SP406731J	22-15	ZW387492J	4-8				
SP406739J	24-15	ZW389814J	3-8				
SP407479J	18-14	ZW389923J	4-6				
SZ387388J	2-4	ZW401776J	3-34				
SZ401874J	18-4						
SZ407187J2	3-24						
VT387394J1	3-37						
VT401282J	2-13						
ZG373900	3-12						
ZG387272J	3-26						
ZG387282J	3-33						
ZG387320J	3-3						
ZG387323J	3-5						
ZG387348J1	3-49						
ZG387354J	18-13						
ZG387370J	18-3						
ZG387403J	4-5						
ZG387413J1	4-27						
ZG387417J	3-44						
ZG387418J	3-45						
ZG387420J1	3-55						
ZG387421J	3-50						
ZG387438J1	3-11						
ZG387443J	4-34						
ZG387467J	3-7						
ZG387468J	4-4						
ZG387505J	18-11						
ZG388290J1	3-52						
ZG392214J1	18-18						
ZG392294J	3-61						
ZG392831J	3-46						
ZG395567J	3-42						
ZG403098J	23-1						
ZG403098J	25-1						
ZG403099J	23-2						
ZG403099J	25-2						
ZG403100J1	22-10						
ZG403100J1	24-10						
ZG406719J	20-5						
ZG406720J	21-1						
ZG406722J	21-2						
ZS321298	2-3						
ZS321298	3-15						
ZS336714	2-12						

EK MODEL

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
AVB1038A010A	13-2	ED387919J	6-D8	EO345874	6-L410	ES387465J	4-17
BAV1130A500B	5-4	ED390011J	4-13	EO345876	7-L602	ES408404J	9-SW1A
BAV1130A610A	5-2	ED390012J	4-14	EO345880	6-L404	ES408405J	9-SW1B
BAV1130Q600C	5-1	ED397233J	6-D204	EO345880	6-L472	ET353897	6-TR15
BAV1146Q630E	5-3B	ED403267J	6-D205	EO345880	6-L500	ET353897	6-TR501
BAV1146Q630F	5-3A	ED403278J	9-D11	EO345880	6-L505	ET353899	6-TR1
BBV1130A020H	3-64	ED403279J	9-D10	EO345880	6-L506	ET353899	6-TR3
BD404286J	12-1A	ED403450J	15-D1	EO345880	6-L509	ET353899	6-TR11
BD407503J1	12-1B	ED403724J	6-D304	EO345880	6-L570	ET353899	6-TR13
BLV1102A050A	3-23	ED403725J	6-D101	EO345880	8-L9	ET353899	6-TR104
BLV1102A140A	3-43	ED404029J	11-D16	EO345880	8-L10	ET353899	6-TR105
BM387503J	4-31	ED404032J	11-D14	EO345880	8-L13	ET353899	6-TR407
BM400682J1	4-9	ED404086J	6-D303	EO345881	6-L101	ET353899	6-TR415
BM401296J	2-8	ED405373J	11-D13	EO345881	6-L302	ET353899	6-TR470
BT403872J	12-19	ED405524J	11-D15	EO345881	7-L601	ET353899	6-TR471
BVV1102A070A	3-35	ED511907	6-D212	EO345881	7-L605	ET353899	7-TR601
BVV1102A080A	3-36	ED511907	6-D213	EO351866	7-L604	ET353899	7-TR607
BVV1102A150A	3-48	ED511907	11-D1	EO353900	6-L501	ET353899	7-TR608
BVV1123A410A	2-1	ED511907	11-D2	EO354600	6-L401	ET353899	8-TR2
BVV1123A420A	2-2	ED511907	11-D3	EO354600	6-L405	ET353899	8-TR6
BV403238J1	6-1	ED511907	11-D4	EO356722	6-L103	ET353899	8-TR13
BV403410J	6-MD1	ED511907	11-D5	EO356722	6-L470	ET353899	8-TR14
EA387496J	4-12	ED511907	11-D6	EO357508	6-L402	ET354364	6-TR404
EC363490	11-C2	ED511907	11-D7	EO376603	8-L7	ET354414	6-TR19
EC391843J	6-C369	ED511907	11-D8	EO376606	8-L2	ET354414	6-TR101
EC394757J	7-VC601	ED511907	11-D9	EO376612	8-L6	ET354414	6-TR103
EC405612J	11-C10	ED511907	11-D10	EO376858	8-L1	ET354414	6-TR301
EC406634J	11-C1	ED511907	11-D11	EO376859	8-L4	ET354414	6-TR306
EC406635J	11-C3	ED511907	11-D12	EO376860	8-L14	ET354414	6-TR310
EC406636J	11-C4	ED511907	11-D17	EO381191J	8-L5	ET354414	6-TR408
EC406636J	11-C5	ED511907	11-D18	EO381192J	6-L403	ET354414	6-TR410
ED307572	6-D1	EE387607J1	6-2	EO381193J	8-L8	ET354414	6-TR572
ED307572	6-D2	EH373919	10-CF3	EO381195J	6-L511	ET354414	7-TR602
ED307572	6-D201	EH373921	10-CF2	EO381195J	8-L3	ET354414	9-TR1
ED307572	6-D202	EH383083J	9-IB2	EO381196J	6-L301	ET354415	6-TR304
ED307572	6-D203	EH390730J	6-DL500	EO381197J	6-L512	ET354415	6-TR312
ED307572	6-D208	EH403945J	9-IB1	EO387798J	10-L6	ET356336	6-TR102
ED307572	6-D209	EH714628	10-CF1	EO387798J	10-L7	ET356336	6-TR108
ED307572	6-D301	EI353421	6-IC302	EO387800J	10-L1	ET356336	6-TR202
ED307572	6-D302	EI368809	10-IC1	EO387802J	10-L8	ET356336	6-TR401
ED307572	6-D305	EI368825	9-X2	EO388161J	6-L474	ET356336	6-TR423
ED307572	6-D306	EI373955	9-IC3	EO388362J	7-FR801	ET356336	6-TR508
ED307572	6-D307	EI373957J1	9-X1	EO390716J	7-L802	ET360399	6-TR409
ED307572	6-D308	EI373980	6-IC303	EO390717J	7-L801	ET360399	6-TR417
ED307572	6-D309	EI373981J1	6-IC402	EO390998J	6-L1	ET360399	8-TR15
ED307572	6-D401	EI376112	15-IC1	EO392817J	6-L507	ET361490	4-24
ED307572	6-D402	EI381632J	6-X500	EO403270J	6-L510	ET364040	6-TR421
ED307572	6-D405	EI388360J	7-IC801	EO403937J	6-L508	ET364040	8-TR4
ED307572	6-D502	EI389622J	6-IC1	EO714610	10-L5	ET364040	8-TR10
ED307572	6-D503	EI389640J	6-X301	EO714614	10-L4	ET366365	11-TR2
ED307572	6-D505	EI389974J	7-X601	EO725954J	10-L3	ET366365	11-TR7
ED307572	6-D506	EI390687J	15-X1	ER400605J	11-FR5	ET373985	6-TR307
ED307572	6-D507	EI394856J	6-IC401	ER400728J	11-FR2	ET373985	6-TR308
ED307572	7-D601	EI400756J	6-IC201	ER400728J	11-FR4	ET373985	6-TR309
ED307572	7-D801	EI403231J	6-IC101	ER400729J	6-FR350	ET375777	6-TR2
ED307572	8-D1	EI403234J1	6-IC400	ER400959J	6-FR201	ET381175J	11-TR1
ED307572	8-D2	EI403250J	8-IC1	ER403405J	6-R214	ET381637J2	9-PH1
ED307572	9-D12	EI403467J	7-X602	ER404093J	6-FR501	ET388338J	6-TR205
ED307572	9-D13	EI403469J	7-IC602	ER408375J	11-FR1	ET388338J	6-TR414
ED307572	9-D14	EI405722J	7-IC601	ER408375J	11-FR3	ET390009J	4-19
ED307572	9-D15	EI408391J1	9-IC1	ES349474	9-SW2	ET390010J	4-18
ED307572	9-D17	EI408393J	9-IC2	ES349474	9-SW3	ET390826J	15-TR1
ED307572	9-D25	EI408416J	6-IC301	ES349474	9-SW4	ET397160J	6-TR12
ED307572	9-D26	EJ381075J	8-PS1	ES349474	9-SW5	ET397160J	6-TR17
ED307572	9-D27	EJ381837J	4-16	ES349474	9-SW6	ET397160J	6-TR18
ED307572	9-D42	EJ387497J	4-15	ES349474	9-SW7	ET397160J	6-TR107
ED366443	6-D406	EJ387497J	9-PS2	ES349474	9-SW8	ET397160J	6-TR109
ED386031J	15-D2	EJ387613J	6-J102	ES349474	9-SW9	ET397160J	6-TR203
ED386031J	15-D3	EJ389815J	9-PS1	ES349474	9-SW12	ET397160J	6-TR302
ED386031J	15-D4	EM401077J	9-FL1	ES373099	4-39	ET397160J	6-TR406

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
ET397160J	6-TR503	MR387406J	4-35	ZS379350	2-11		
ET397160J	6-TR506	MR391968J	4-33	ZS385611J	12-15		
ET397160J	6-TR507	MT390954J1	3-9	ZS389853J	2-14		
ET397160J	6-TR509	MZV1102A090A	4-25	ZS389853J	3-16		
ET397160J	6-TR510	MZV1102A100A	4-26	ZS389950J	4-40		
ET397160J	6-TR511	MZ387298J3	4-7	ZS391046J	12-16		
ET397160J	6-TR512	MZ387330J	4-32	ZS404844J	3-14		
ET397160J	6-TR515	MZ387331J	4-29	ZS425981	4-36		
ET397160J	6-TR570	MZ387332J	4-28	ZS464703	3-28		
ET397160J	6-TR571	MZ387333J	4-30	ZS467796	2-9		
ET397160J	7-TR603	MZ387335J	3-40	ZS563444	2-7		
ET397160J	7-TR801	MZ387430J	4-21	ZW332843	3-30		
ET397160J	8-TR1	MZ387445J	4-22	ZW374445	3-19		
ET397160J	8-TR3	MZ387446J	4-23	ZW387492J	4-8		
ET397160J	8-TR5	MZ402760J1	3-17	ZW389814J	3-8		
ET397160J	8-TR8	MZ406134J	3-58	ZW389923J	4-6		
ET397160J	8-TR12	SA387507J	12-8	ZW401776J	3-34		
ET397160J	8-TR16	SC387353J	12-6				
ET405622J	6-TR210	SC407425J	14-7				
ET405622J	11-TR3	SE395554J	3-57				
ET405622J	11-TR4	SE409024J1	12-2B				
ET405622J	11-TR5	SE409256J	12-2A				
ET405622J	11-TR6	SP387357J	6-3				
ET713614	10-Q2	SP407479J	12-14				
ET725820J	10-Q1	SZ387388J	2-4				
EV390157J	8-VR1	SZ401874J	12-4				
EV390157J	8-VR2	SZ407187J2	3-24				
EV403967J	7-VR801	VT387394J1	3-37				
EV403968J	7-VR802	VT401282J	2-13				
EV404298J	10-VR2	ZG373900	3-12				
EV404300J	6-VR402	ZG387272J	3-26				
EV405248J	8-VR3	ZG387282J	3-33				
EV405657J	6-VR401	ZG387320J	3-3				
EV405658J	10-VR51	ZG387323J	3-5				
EV405659J	6-VR403	ZG387348J1	3-49				
EV405665J	6-VR301	ZG387354J	12-13				
EV405665J	6-VR404	ZG387370J	12-3				
EW348414	13-1	ZG387403J	4-5				
EW389313J	4-20	ZG387413J1	4-27				
EW389313J	9-WP2	ZG387417J	3-44				
EW394623J	9-WP1	ZG387418J	3-45				
EW403256J1	8-WP1	ZG387420J1	3-55				
EW404001M	12-20	ZG387421J	3-50				
EW404138J1	6-WF201	ZG387438J1	3-11				
HE390013J	3-20	ZG387443J	4-34				
HR405340J	3-13	ZG387467J	3-7				
MA387474J3	2-6	ZG387468J	4-4				
MB387289J	4-11	ZG387505J	12-11				
MB407424J	14-2	ZG388290J1	3-52				
MI387294J	3-10	ZG392214J1	12-18				
ML387277J3	3-32	ZG392294J	3-61				
ML387311J2	4-42	ZG392831J	3-46				
ML387316J	3-1	ZG395567J	3-42				
ML387318J	3-2	ZG406719J	14-5				
ML387321J	3-4	ZG406720J	15-1				
ML387324J1	4-1	ZG406722J	15-2				
ML387344J	3-54	ZS321298	2-3				
ML387345J	3-51	ZS321298	3-15				
ML387346J	3-53	ZS336714	2-12				
ML387349J2	3-56	ZS336714	3-22				
ML387350J1	3-47	ZS357946	12-17				
ML387402J1	4-3	ZS358936	2-5				
ML387423J	3-6	ZS358936	3-59				
ML387428J	3-39	ZS358936	4-41				
ML387431J1	3-31	ZS358936	12-9				
ML390768J4	3-25	ZS362378	12-7				
ML391745J3	3-41	ZS365149	4-10				
ML404944J	4-2	ZS373962	12-12				
MP404852J	3-27	ZS374458	3-38				
MR387286J1	3-18	ZS378341	12-10				

EA MODEL

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
AVB1038A010A	13-2	ED386031J	15-D2	EJ389815J	9-PS1	ES349474	9-SW12
BAV1130A500A	5-4	ED386031J	15-D3	EM401077J	9-FL1	ES373099	4-39
BAV1130A600A	5-1	ED386031J	15-D4	EO345874	6-L410	ES387465J	4-17
BAV1130A610A	5-2	ED387919J	6-D8	EO345876	7-L602	ES408404J	9-SW1A
BAV1146A630A	5-3A	ED390011J	4-13	EO345880	6-L404	ES408405J	9-SW1B
BAV1146A630B	5-3B	ED390012J	4-14	EO345880	6-L472	ET353897	6-TR15
BBV1130A020H	3-64	ED397233J	6-D204	EO345880	6-L500	ET353897	6-TR501
BD404391J	12-1A	ED403267J	6-D205	EO345880	6-L505	ET353899	6-TR1
BD407459J	12-1B	ED403278J	9-D11	EO345880	6-L506	ET353899	6-TR3
BD407460J1	12-1C	ED403279J	9-D10	EO345880	6-L509	ET353899	6-TR4
BLV1102A050A	3-23	ED403450J	15-D1	EO345880	6-L570	ET353899	6-TR5
BLV1102A140A	3-43	ED403724J	6-D304	EO345880	8-L9	ET353899	6-TR7
BM387503J	4-31	ED404029J	11-D16	EO345880	8-L10	ET353899	6-TR11
BM400682J1	4-9	ED404032J	11-D14	EO345880	8-L13	ET353899	6-TR13
BM401296J	2-8	ED404086J	6-D303	EO345881	6-L101	ET353899	6-TR104
BT403252J	12-19	ED405373J	11-D13	EO345881	6-L302	ET353899	6-TR105
BVV1102A070A	3-35	ED405524J	11-D15	EO345881	7-L601	ET353899	6-TR407
BVV1102A080A	3-36	ED511907	6-D212	EO345881	7-L605	ET353899	6-TR415
BVV1102A150A	3-48	ED511907	6-D213	EO351866	7-L604	ET353899	6-TR470
BVV1123A410A	2-1	ED511907	11-D1	EO353900	6-L501	ET353899	6-TR471
BVV1123A420A	2-2	ED511907	11-D2	EO354600	6-L401	ET353899	7-TR601
BV387610J	6-MD1	ED511907	11-D3	EO354600	6-L405	ET353899	7-TR607
BV403236J1	6-1	ED511907	11-D4	EO356722	6-L103	ET353899	7-TR608
EA387496J	4-12	ED511907	11-D5	EO356722	6-L470	ET353899	8-TR2
EC363490	11-C2	ED511907	11-D6	EO357508	6-L402	ET353899	8-TR6
EC391843J	6-C369	ED511907	11-D7	EO373260	6-L1	ET353899	8-TR13
EC394757J	7-VC601	ED511907	11-D8	EO376603	8-L7	ET353899	8-TR14
EC405612J	11-C10	ED511907	11-D9	EO376606	8-L2	ET354364	6-TR404
EC406634J	11-C1	ED511907	11-D10	EO376612	8-L6	ET354414	6-TR8
EC406635J	11-C3	ED511907	11-D11	EO376858	8-L1	ET354414	6-TR9
EC406636J	11-C4	ED511907	11-D12	EO376859	8-L4	ET354414	6-TR19
EC406636J	11-C5	ED511907	11-D17	EO376860	8-L14	ET354414	6-TR101
ED307572	6-D1	ED511907	11-D18	EO381191J	8-L5	ET354414	6-TR103
ED307572	6-D2	EE408417J	6-2	EO381192J	6-L403	ET354414	6-TR301
ED307572	6-D3	EH368948	10-CF3	EO381193J	8-L8	ET354414	6-TR306
ED307572	6-D4	EH373920	10-CF2	EO381195J	6-L511	ET354414	6-TR310
ED307572	6-D201	EH383083J	9-IB2	EO381195J	8-L3	ET354414	6-TR408
ED307572	6-D202	EH390730J	6-DL500	EO381196J	6-L301	ET354414	6-TR410
ED307572	6-D203	EH403945J	9-IB1	EO381197J	6-L512	ET354414	6-TR572
ED307572	6-D208	EH714626	10-CF1	EO387799J	10-L6	ET354414	7-TR602
ED307572	6-D209	EI353421	6-IC302	EO387799J	10-L7	ET354414	9-TR1
ED307572	6-D301	EI368809	10-IC1	EO387800J	10-L1	ET354415	6-TR304
ED307572	6-D302	EI368825	9-X2	EO387802J	10-L8	ET354415	6-TR312
ED307572	6-D305	EI373955	9-IC3	EO388161J	6-L474	ET356336	6-TR102
ED307572	6-D306	EI373957J1	9-X1	EO388362J	7-FL801	ET356336	6-TR202
ED307572	6-D307	EI373980	6-IC303	EO390716J	7-L802	ET356336	6-TR401
ED307572	6-D308	EI373981J1	6-IC402	EO390717J	7-L801	ET356336	6-TR423
ED307572	6-D309	EI376112	15-IC1	EO392817J	6-L507	ET356336	6-TR508
ED307572	6-D401	EI381632J	6-X500	EO403270J	6-L510	ET360399	6-TR409
ED307572	6-D402	EI388360J	7-IC801	EO403937J	6-L508	ET360399	6-TR417
ED307572	6-D405	EI389622J	6-IC1	EO714613	10-L5	ET360399	8-TR15
ED307572	6-D502	EI389640J	6-X301	EO714616	10-L4	ET361490	4-24
ED307572	6-D503	EI389974J	7-X601	EO725953J	10-L3	ET364040	6-TR421
ED307572	6-D505	EI390687J	15-X1	ER400605J	11-FR5	ET364040	8-TR4
ED307572	6-D506	EI394856J	6-IC401	ER400728J	11-FR2	ET364040	8-TR10
ED307572	6-D507	EI400756J	6-IC201	ER400728J	11-FR4	ET366365	11-TR2
ED307572	7-D601	EI403231J	6-IC101	ER400729J	6-FR350	ET366365	11-TR7
ED307572	7-D801	EI403234J1	6-IC400	ER400959J	6-FR201	ET373985	6-TR307
ED307572	8-D1	EI403250J	8-IC1	ER403405J	6-R214	ET373985	6-TR308
ED307572	8-D2	EI403467J	7-X602	ER404093J	6-FR501	ET373985	6-TR309
ED307572	9-D12	EI403469J	7-IC602	ER408375J	11-FR1	ET375777	6-TR2
ED307572	9-D13	EI405722J	7-IC601	ER408375J	11-FR3	ET381175J	11-TR1
ED307572	9-D14	EI408391J1	9-IC1	ES349474	9-SW2	ET381637J2	9-PH1
ED307572	9-D15	EI408393J	9-IC2	ES349474	9-SW3	ET388338J	6-TR205
ED307572	9-D17	EI408416J	6-IC301	ES349474	9-SW4	ET388338J	6-TR414
ED307572	9-D25	EJ381075J	8-PS1	ES349474	9-SW5	ET390009J	4-19
ED307572	9-D26	EJ381837J	4-16	ES349474	9-SW6	ET390010J	4-18
ED307572	9-D27	EJ387497J	4-15	ES349474	9-SW7	ET390826J	15-TR1
ED307572	9-D43	EJ387497J	9-PS2	ES349474	9-SW8	ET391025J	11-TR6
ED366443	6-D406	EJ387614J	6-J101	ES349474	9-SW9	ET397160J	6-TR12

Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.	Part No.	Ref. No.
ET397160J	6-TR17	ML387431J1	3-31	ZS358936	4-41		
ET397160J	6-TR18	ML390768J4	3-25	ZS358936	12-9		
ET397160J	6-TR107	ML391745J3	3-41	ZS362378	12-7		
ET397160J	6-TR109	ML404944J	4-2	ZS365149	4-10		
ET397160J	6-TR203	MP404852J	3-27	ZS373962	12-12		
ET397160J	6-TR302	MR387286J1	3-18	ZS374458	3-38		
ET397160J	6-TR406	MR387406J	4-35	ZS378341	12-10		
ET397160J	6-TR503	MR391968J	4-33	ZS379350	2-11		
ET397160J	6-TR506	MT390954J1	3-9	ZS385611J	12-15		
ET397160J	6-TR507	MZV1102A090A	4-25	ZS389853J	2-14		
ET397160J	6-TR509	MZV1102A100A	4-26	ZS389853J	3-16		
ET397160J	6-TR510	MZ387298J3	4-7	ZS389950J	4-40		
ET397160J	6-TR511	MZ387330J	4-32	ZS391046J	12-16		
ET397160J	6-TR512	MZ387331J	4-29	ZS404844J	3-14		
ET397160J	6-TR515	MZ387332J	4-28	ZS425981	4-36		
ET397160J	6-TR570	MZ387333J	4-30	ZS464703	3-28		
ET397160J	6-TR571	MZ387335J	3-40	ZS467796	2-9		
ET397160J	7-TR603	MZ387430J	4-21	ZS563444	2-7		
ET397160J	7-TR801	MZ387445J	4-22	ZW332843	3-30		
ET397160J	8-TR1	MZ387446J	4-23	ZW374445	3-19		
ET397160J	8-TR3	MZ402760J1	3-17	ZW387492J	4-8		
ET397160J	8-TR5	MZ406134J	3-58	ZW389814J	3-8		
ET397160J	8-TR8	SA387507J	12-8	ZW389923J	4-6		
ET397160J	8-TR12	SC387353J	12-6	ZW401776J	3-34		
ET397160J	8-TR16	SC407425J	14-7				
ET405622J	6-TR210	SE395554J	3-57				
ET405622J	11-TR3	SE404390J	12-2A				
ET405622J	11-TR4	SE408200J1	12-2C				
ET405622J	11-TR5	SE409258J	12-2B				
ET713614	10-Q2	SP388307J	6-3				
ET725820J	10-Q1	SP407479J	12-14				
EV390157J	8-VR1	SZ387388J	2-4				
EV390157J	8-VR2	SZ401874J	12-4				
EV403967J	7-VR801	SZ407187J2	3-24				
EV403968J	7-VR802	VT387394J1	3-37				
EV404298J	10-VR2	VT401282J	2-13				
EV404300J	6-VR402	ZG373900	3-12				
EV405248J	8-VR3	ZG387272J	3-26				
EV405657J	6-VR401	ZG387282J	3-33				
EV405658J	10-VR51	ZG387320J	3-3				
EV405659J	6-VR403	ZG387323J	3-5				
EV405665J	6-VR301	ZG387348J1	3-49				
EV405665J	6-VR404	ZG387354J	12-13				
EW348414	13-1	ZG387370J	12-3				
EW389313J	4-20	ZG387403J	4-5				
EW389313J	9-WP2	ZG387413J1	4-27				
EW394623J	9-WP1	ZG387417J	3-44				
EW403256J1	8-WP1	ZG387418J	3-45				
EW404003M	12-20	ZG387420J1	3-55				
EW404138J1	6-WF201	ZG387421J	3-50				
HE390013J	3-20	ZG387438J1	3-11				
HR405340J	3-13	ZG387443J	4-34				
MA387474J3	2-6	ZG387467J	3-7				
MB387289J	4-11	ZG387468J	4-4				
MB407424J	14-2	ZG387505J	12-11				
ML387294J	3-10	ZG388290J1	3-52				
ML387277J3	3-32	ZG392214J1	12-18				
ML387311J2	4-42	ZG392294J	3-61				
ML387316J	3-1	ZG392831J	3-46				
ML387318J	3-2	ZG395567J	3-42				
ML387321J	3-4	ZG406719J	14-5				
ML387324J1	4-1	ZG406720J	15-1				
ML387344J	3-54	ZG406722J	15-2				
ML387345J	3-51	ZS321298	2-3				
ML387346J	3-53	ZS321298	3-15				
ML387349J2	3-56	ZS336714	2-12				
ML387350J1	3-47	ZS336714	3-22				
ML387402J1	4-3	ZS357946	12-17				
ML387423J	3-6	ZS358936	2-5				
ML387428J	3-39	ZS358936	3-59				

ABBREVIATIONS (VIDEO)

ABBREVIATION	EXPLANATION	ABBREVIATION	EXPLANATION
A	Audio or Analogue	MOD	MODulator
AC	Alternating Current	MRS	Motor ReverSe
ACC	Automatic Color Control	NG	Noise Gate
A/C	Audio and Control	NICAM	Near Instantaneous Compand Audio Multiplex
ADJ	ADJust (ment)	NON-LIN	NON-LINear
AFC	Automatic Frequency Control	N.T.S.C.	National Television System Committee
AFT	Automatic Fine Tuning	OSC	OSCillator
AGC	Automatic Gain Control	PAL	Phase Alternation by Line
AH	Audio Head	PB	Play Back
AL	ALways (voltage)	PCB (P.C.B)	Printed Circuit Board
ALC	Automatic Level Control	P-COM	Phase-COMparator
A-SW.P	Audio SWitching Pulse	P DOWN	Power DOWN
A-MUTE	Audio MUTE	PG	Pulse Generator
ANT	ANTenna	P.I.P	Picture In Picture
APC	Automatic Phase Control	PL, PLG	PLunger (PLunGer)
ASSY	ASSembly	PRG (PGM)	PRoGram (ProGraM)
BAL	BALance	PU	Pick UP (head, pulse)
B DOWN	Break DOWN	PWR	PoWeR
BGP	Burst Gate Pulse	Q	Quality factor
BLK	BLock or BLack	R	Right
BPF	Band Pass Filter	RAM	Random Access Memory
BU	Back Up (voltage)	REC	RECord
B/W	Black and White	REF	REFerence
C	Chroma or Color	REF-V	REFerence Vertical signal
CCD	Charge Coupled Device	REG	REGulator
CCIR	Comité Consultatif International des Radio communications	REV (REvW)	REView (REvIEW)
CH (ch)	CHannel (channel)	REW	REWind
CLK	CLock	RF	Radio Frequency
CM	Capstan Motor	ROM	Read Only Memory
CN	CoNnector	R.S SW	Record-Safety SWitch
COMP	COMParator	RST (RES)	ReSet (RESet)
CSW	Cassette SWitch	RVS	ReVerSe
CSYNC	Composite SYNC	S	Sensor, Shield
CTL	ConTrol	SAW	Surface Acoustic Wave
CUE	CUE	SC	SimulCast
DAC	Digital to Analog Converter	S CLK	Serial CLock
DC	Direct Current	SECAM	SÉquentiel Couleur À Mémoire
DEMODO	DEMODulator	S & H	Sample and Hold
DET	DETeTct (DETeCtor)	SLP	Super Long Play
DL	Delay Line	SP	Standard Play
DM	Drum Motor	SPD	SPeeD
DOC	Drop Out Compensator	SRP	Supply Reel Pulse
D.P.E	Drum Phase Error	SRV	SeRVo
D.PG	Drum Pulse Generator	SOW	Sync On Word
EE	Electronic to Electronic	STBY	STandBY
EF	Emitter Follower	S.VHS	Super VHS
EMPHA	EMPHAsis	SW	SWitch
ENV	ENVELOpe	SW'NG	SWitchiNG
EP	Extended Play	SWP	SWitching Pulse
EP ROM	Erasable Programmable ROM	SYNC	SYNChronize
EQ	EQUALizer	T-AUDIO	Tuner AUDIO
FE	Full track Erase	TPZ (TRAPE)	TraPeZoid (TRAPEzoid)
FF	Flip-Flop or Fast Foward	TRK	TRackiNG
FG	Frequency Generator	TRP	Take up Reel Pulse
Fig	Figure	T/U	Take Up
FLD	FLUorescent Display	TV	TeLeVIsion
FM	Frequency Modulation	UHF	Ultra High Frequency
Fo	reSonance Frequency	UNR	UNRegulated (voltage)
FREQ	FREQuency	V	Vertical or Video
GND	GrouND	VASS	Video Address Search System
H	Horizontal	VCO	Voltage Controlled Oscillator
HP	Horizontal (sync) pulse	VH	Video Head
HPF	High Pass Filter	VHF	Very High Frequency
HQ	High Quality System	VHS	Video Home System
IC	Integrated Circuit	VIF	Video Intermediate Frequency
ID	IDentification	VISS	Video Index Search System
IDL	IDLe (Voltage)	VJ	Video Judge
IMS	Interactive Monitor System	VM	Voltage for Memory
INS	INSert	VOB	Video On Blank
INV	INVerter	VOW	Video On Word
L	Left	VP	Vertical (sync) Pulse
LED	Light Emitting Diode	VPS	Video Program System
LIM	LIMitter	VPT	Video Programming by video Text
LM	Loading Motor	VT	Voltage for Tuning
LM STP	Loading Motor STop	WHT	WHITe
LP	Long Play	Y	Luminance
LPF	Low Pass Filter	2H	2 Hour (SP)
ME-SECAM	Middle East SECAM	4H	4 Hour (LP)
MI-COM	Micro COMputer	6H	6 Hour (SLP/EP)
MM	Mono-stayble Multi		

AKAI

MODEL **VS-F260, 261, 262**

MODEL **VS-F265, 270, 275**

MODEL **VS-F280, 290**

SCHEMATIC DIAGRAMS AND PC BOARDS

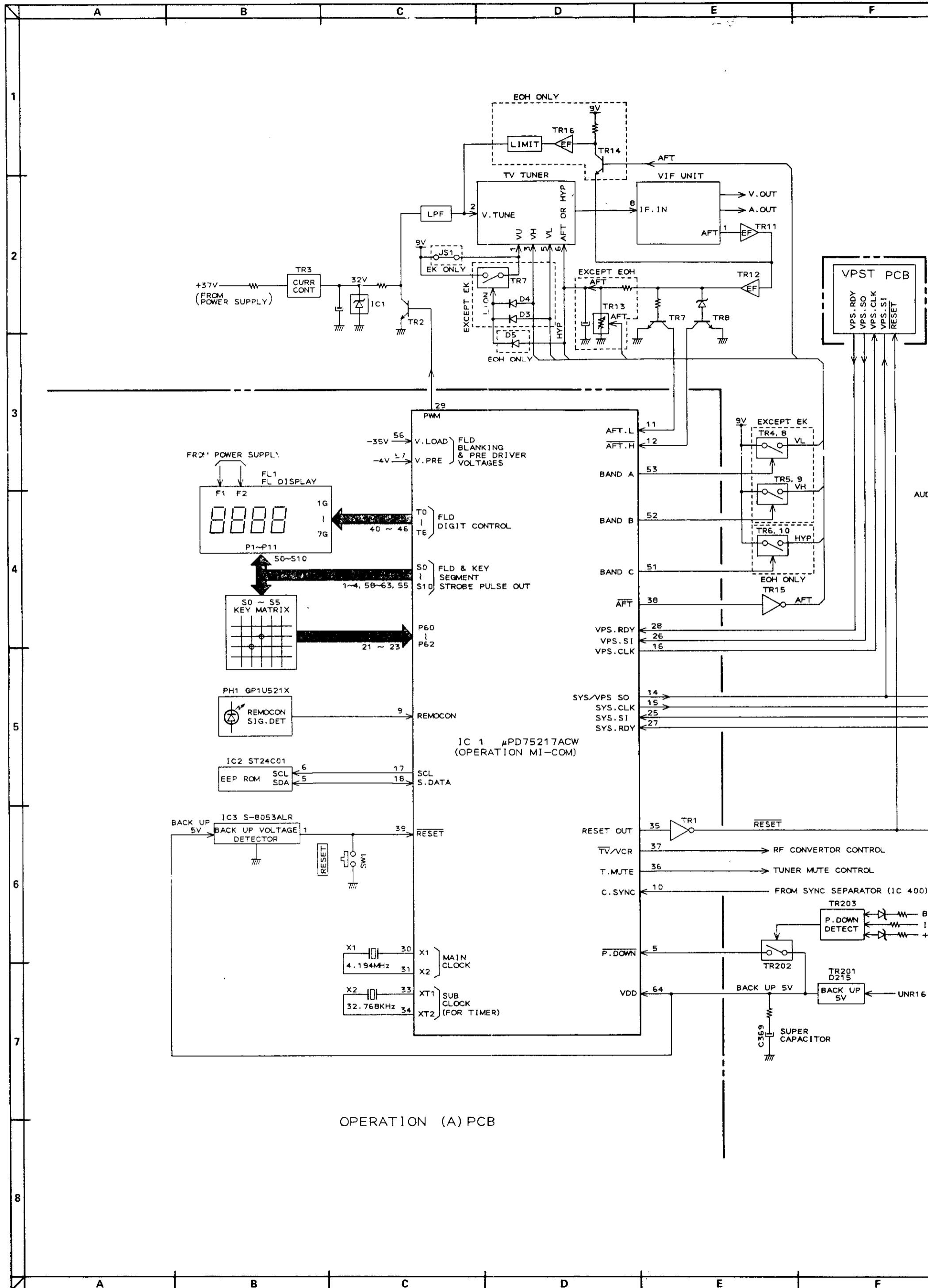
TABLE OF CONTENTS

I. CATEGORY CODE USED IN THIS MANUAL	2
II. BLOCK DIAGRAMS	
1. JBX OPERATION & SYSCON	3
2. JBX VIDEO	4
3. JBX AUDIO	5
4. JBX SERVO	6
5. JBX PRE AMP	7
6. VS-F280EOG-V VPST	8
III. SCHEMATIC DIAGRAMS AND PC BOARDS	
1. JBX CONNECTION DIAGRAM	9
2. EA/EK/EO/ES/EDG/EOG/EOH MODELS POWER SUPPLY & DIODE	11
3. VS-F280EOG-V POWER SUPPLY & DIODE	13
4. VS-F260EM POWER SUPPLY (1), (2) & DIODE	14
5. JBX MAIN (A) 1/3 (VIDEO BLK)	16
6. JBX MAIN (A) 2/3 (SERVO, SYSCON BLK)	17
7. JBX MAIN (A) 3/3	18
8. JBX MAIN (B) SCHEMATIC DIAGRAM	20
9. JBX PRE AMP	22
10. JBX OPERATION (A)	24
11. VS-F270EOG VPS	26
12. VS-F280EOG-V VPST/PDC	29
13. EA/EK/EM/EOH/ES MODELS VIF UNIT	30
14. VS-F260EDG VIF UNIT	33
15. VS-F260EO, F270EO, F280EO/EOG-V VIF UNIT	34
16. RC-V250E REMOTE CONTROL UNIT	37
17. RC-V251G REMOTE CONTROL UNIT	38
18. RC-V252E REMOTE CONTROL UNIT	41
IV. INFORMATION OF ICs	42

Use these schematic diagrams and PC boards together with the provided service manual.

CATEGORY CODE USED IN THIS MANUAL

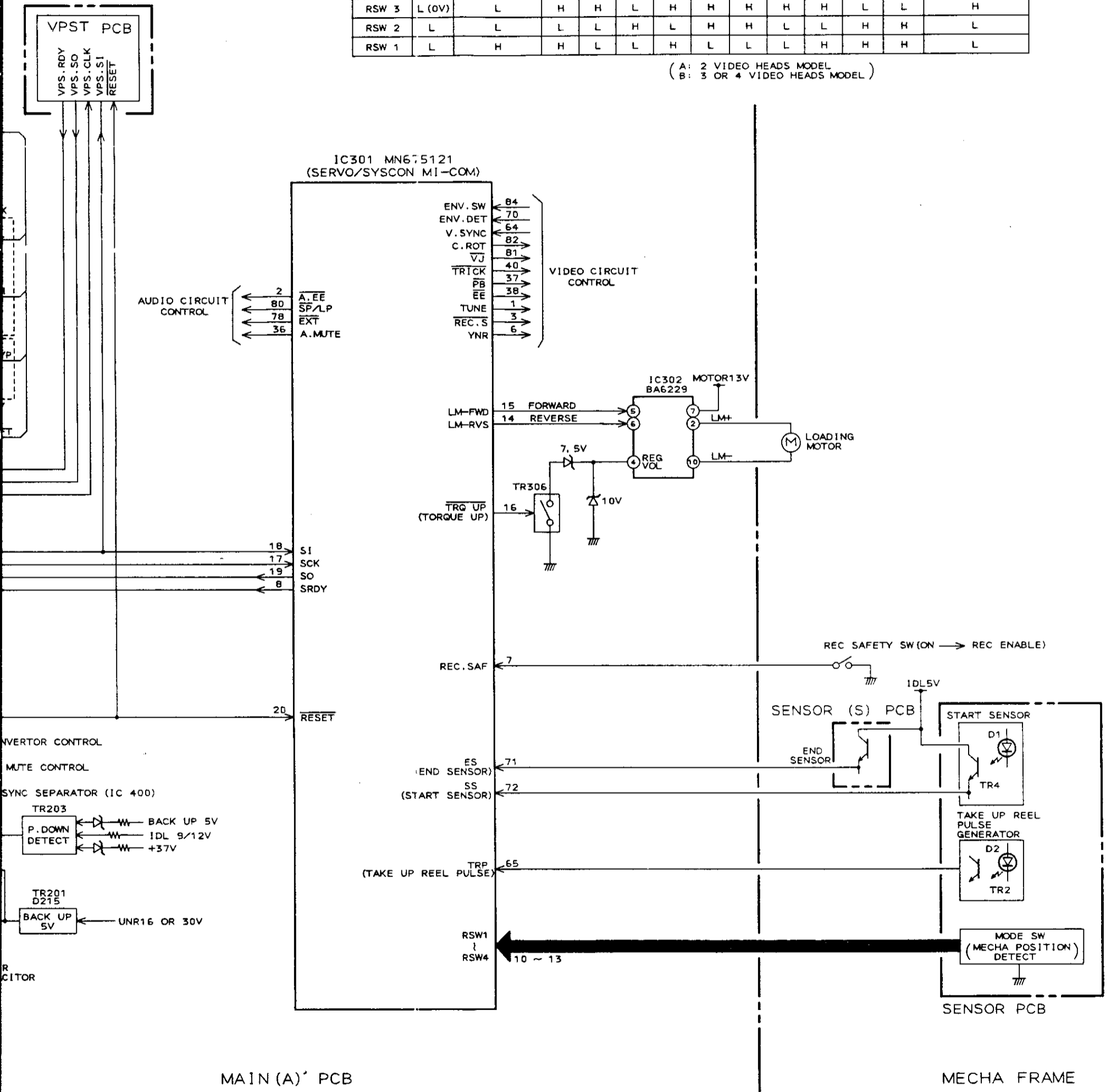
CATEGORY CODE	TYPE	MODEL NUMBER
JBX	2 VIDEO HEAD TYPE	VS-F260 EA/EK/EM/EO/ES VS-F260 EDG/EOH VS-F261 EA VS-F262 EA VS-F265 EOH VS-F270 EOG VS-F275 EOH VS-F280 EK/EO/EOH/EOG-V VS-F290 EOH
JLX	3 VIDEO HEAD TYPE	
JLX-L	3 VIDEO HEAD L-TYPE	
JFX	4 VIDEO HEAD TYPE	
JFX-L	4 VIDEO HEAD L-TYPE	
JTX	4 VIDEO HEAD & HI-FI STEREO TYPE	



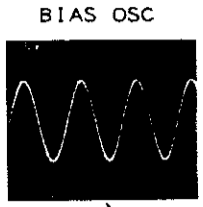
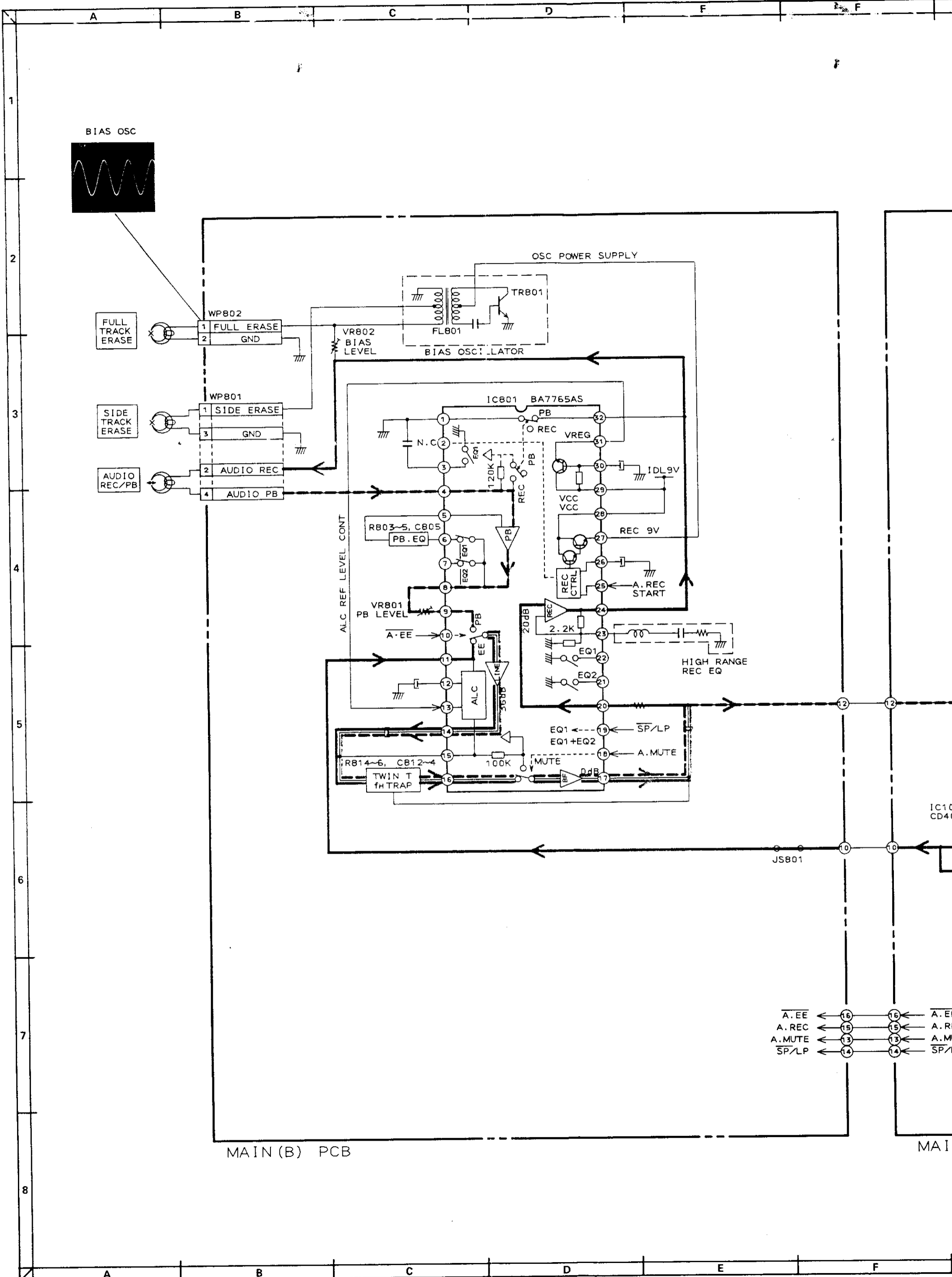
OPERATION (A) PCB

MODE OUTPUT	EJECT	STOP (TAPE LOADED)	PAUSE/PLAY		PLAY		REVIEW		CUE		FF	REW	POWER OFF (WITH CASSETTE)
			A	B	A	B	A	B	A	B			
RSW 4	H (5V)	L	L	L	L	L	L	H	L	L	L	L	H
RSW 3	L (0V)	L	H	H	L	H	H	H	H	H	L	L	H
RSW 2	L	L	L	L	H	L	H	H	L	L	H	H	L
RSW 1	L	H	H	L	L	H	L	L	L	H	H	H	L

(A: 2 VIDEO HEADS MODEL
B: 3 OR 4 VIDEO HEADS MODEL)



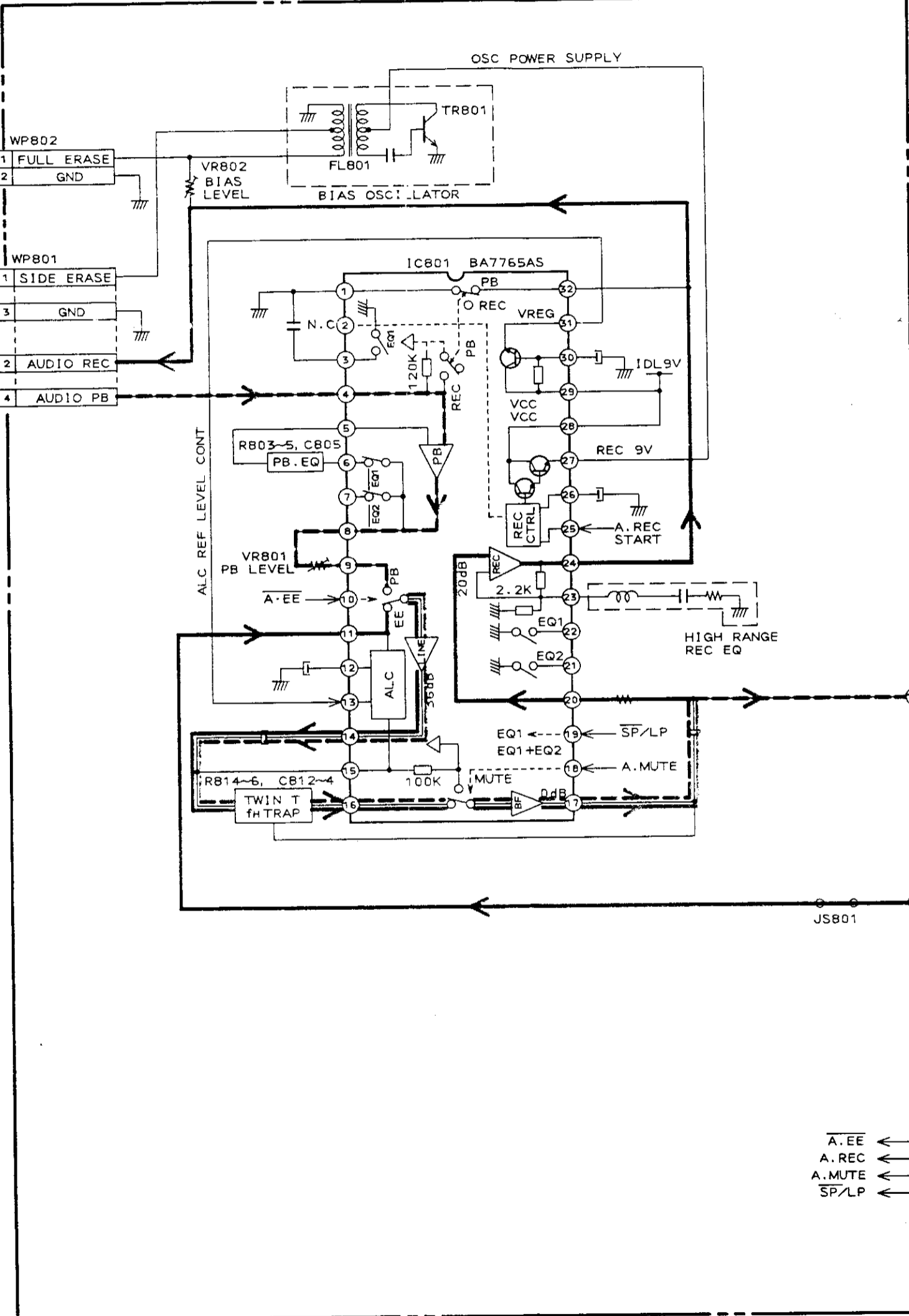
JBX
OPERATION & SYSCON
BLOCK DIAGRAM
No. 6-1 V114651M
A2



FULL TRACK ERASE

SIDE TRACK ERASE

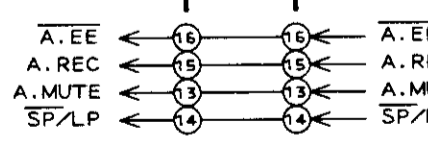
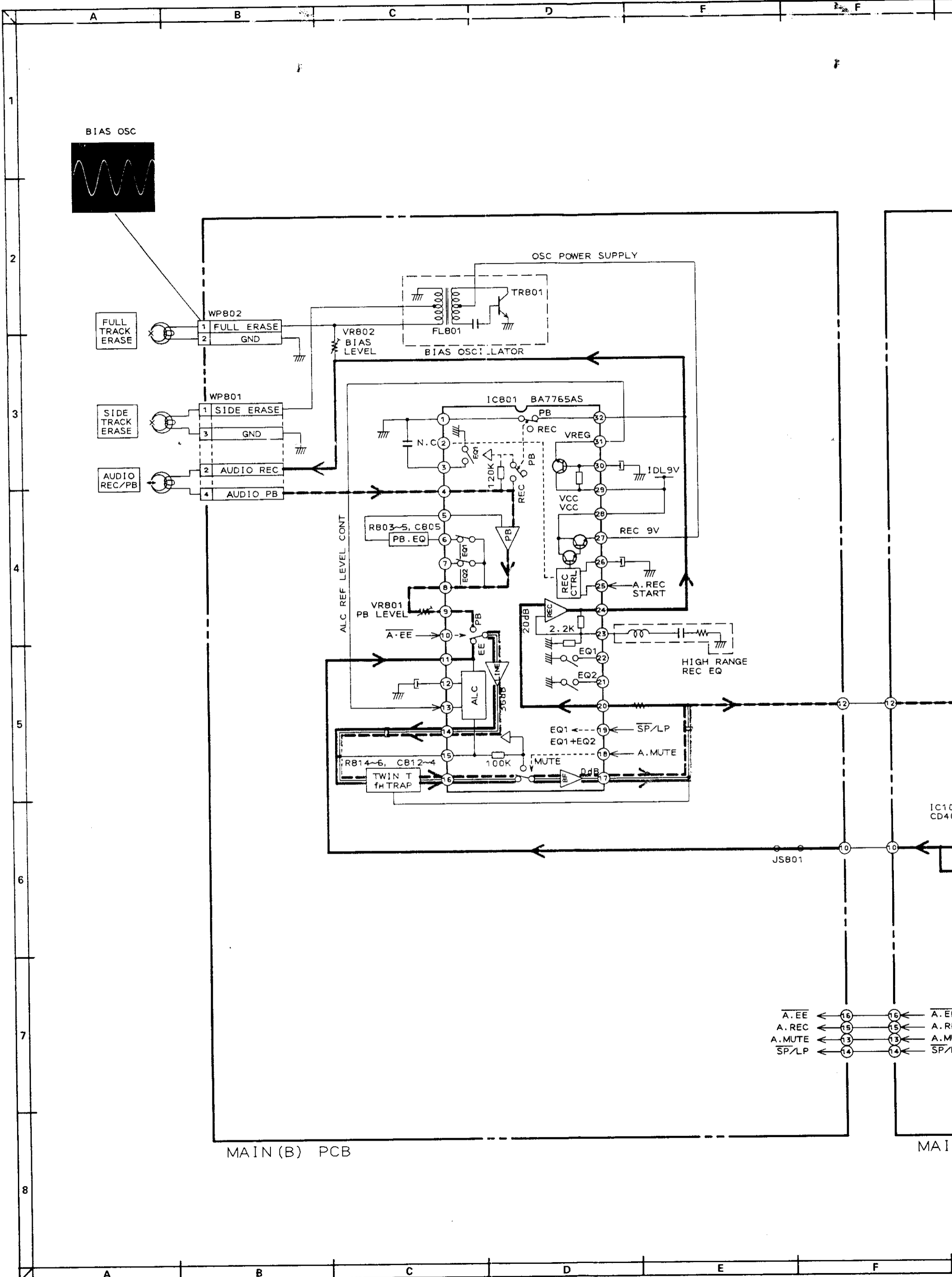
AUDIO REC/PB

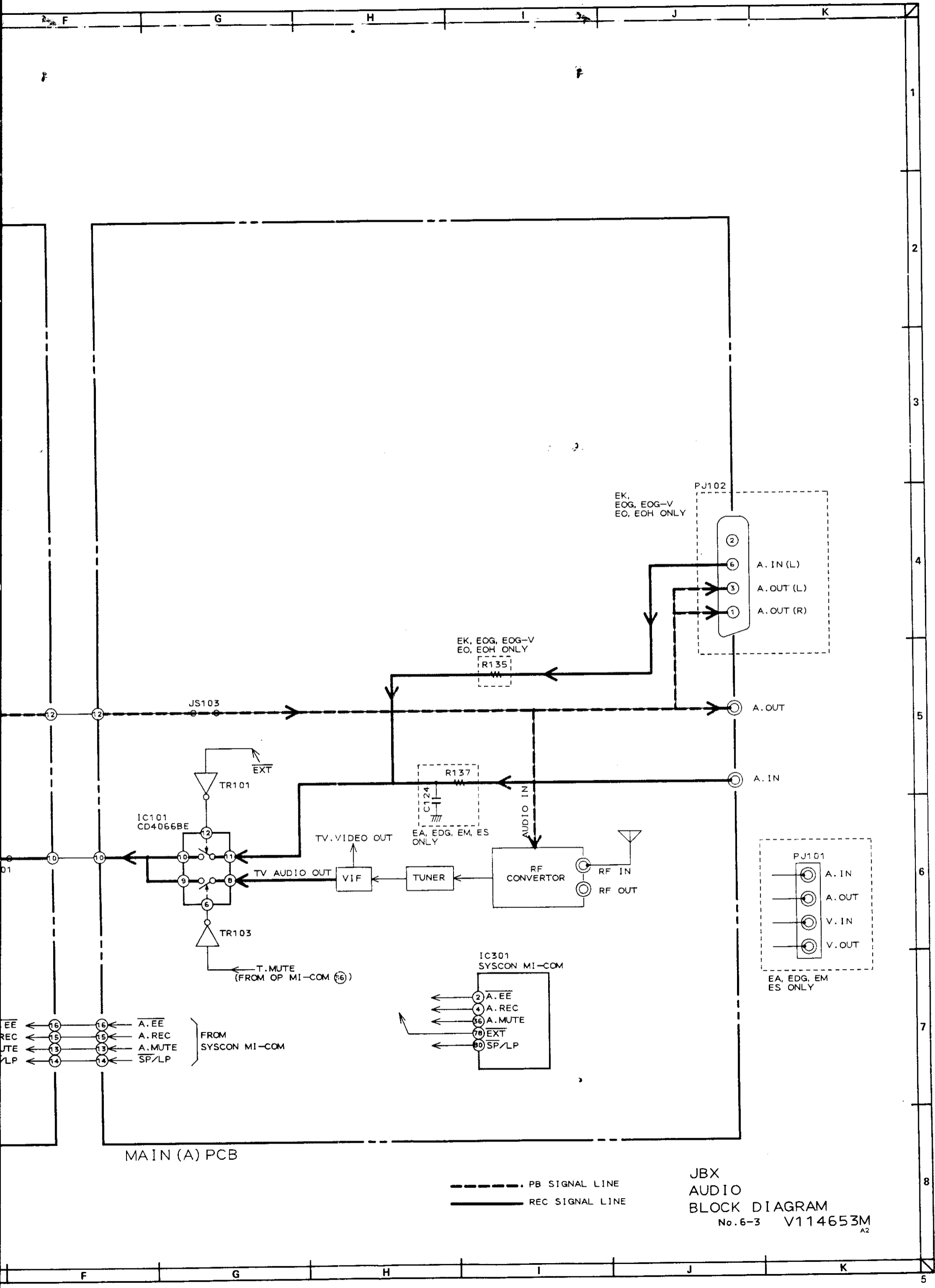


MAIN (B) PCB

A.EE ← 16 ← A.EE
 A.REC ← 15 ← A.REC
 A.MUTE ← 13 ← A.MUTE
 SP/LP ← 14 ← SP/LP

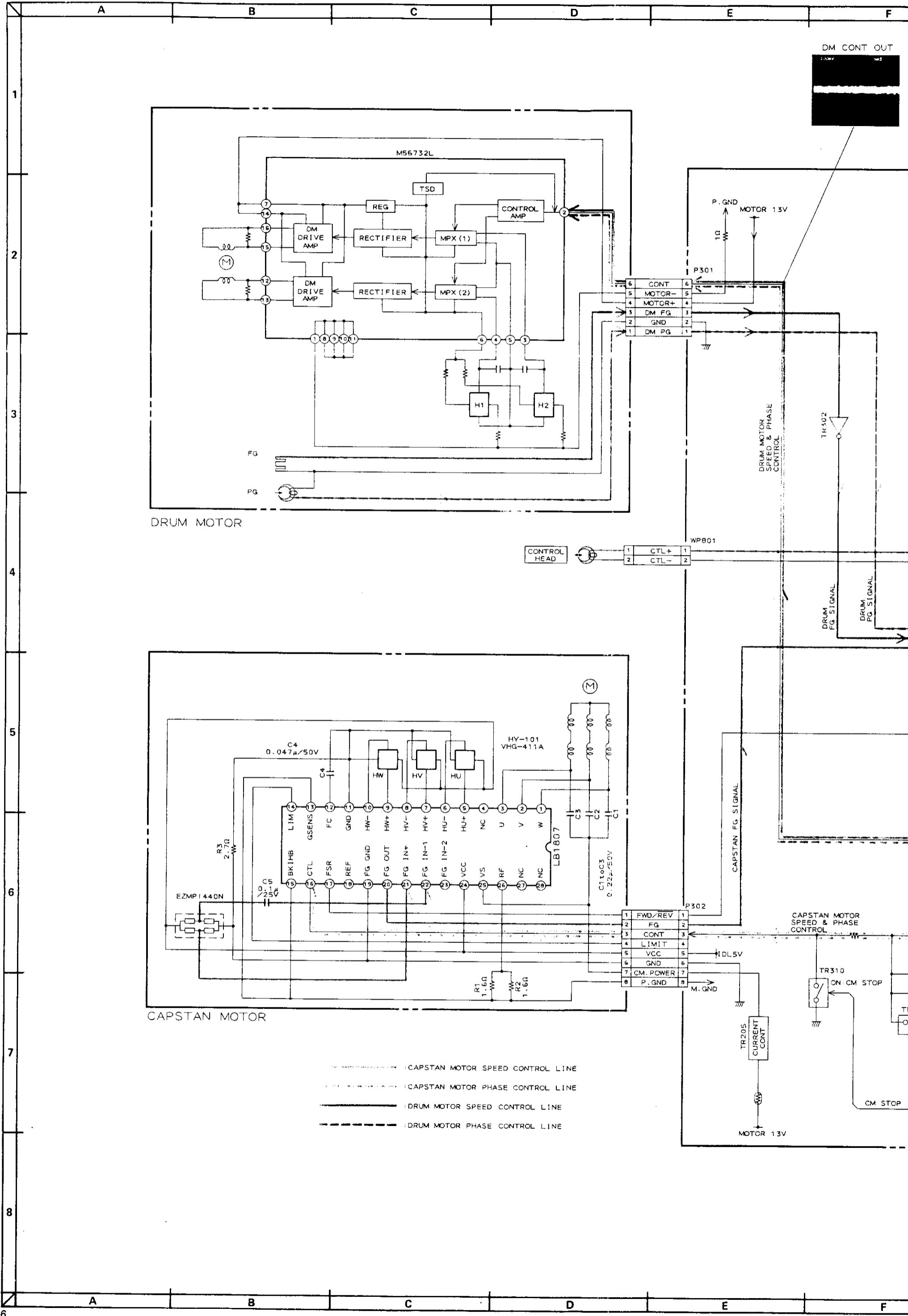
MAIN (C) PCB





MAIN (A) PCB

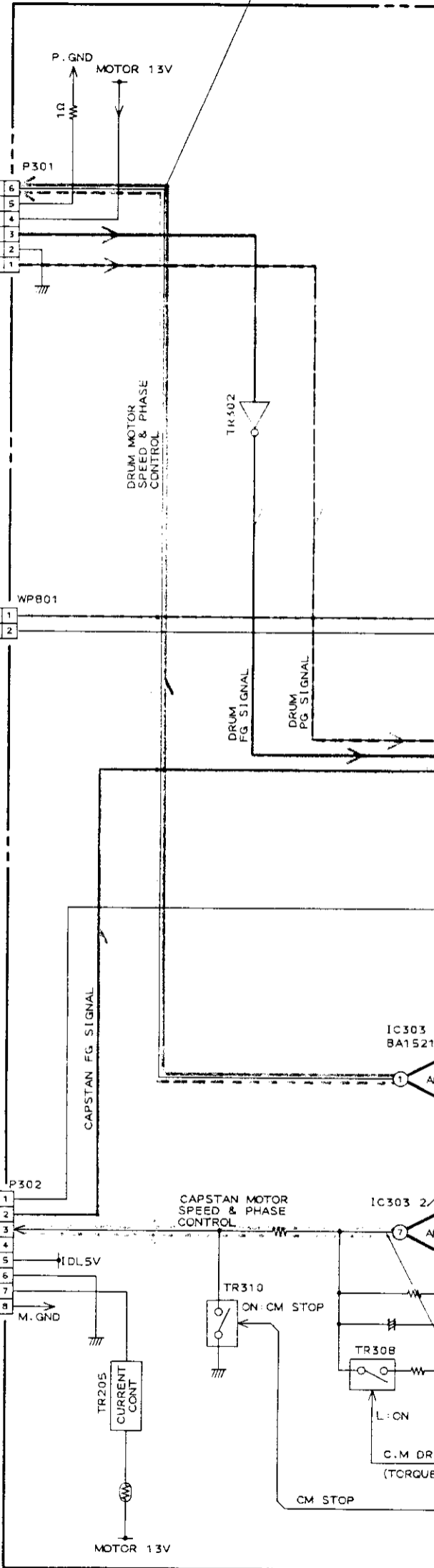
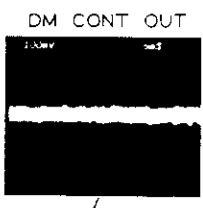
JBX
 AUDIO
 BLOCK DIAGRAM
 No. 6-3 V114653M
 A2

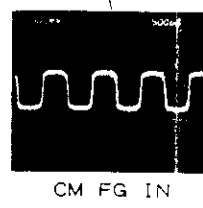
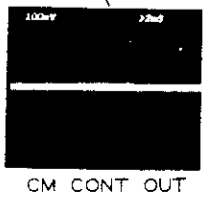
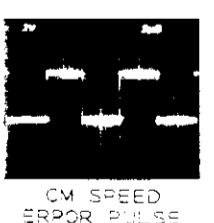
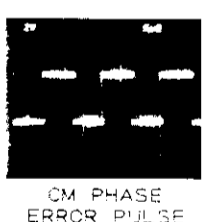
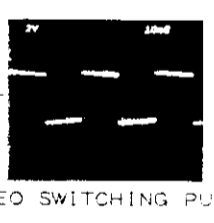
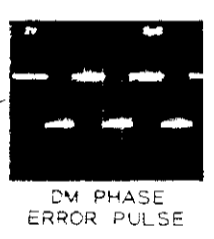
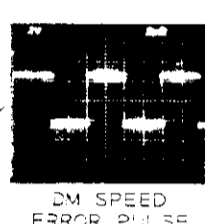
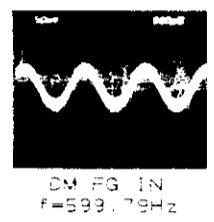
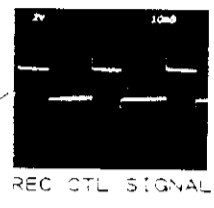
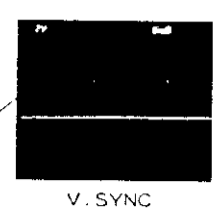
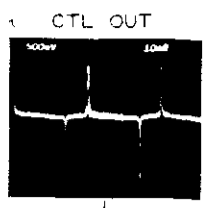
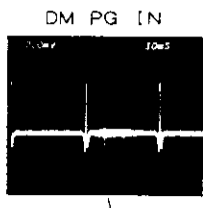
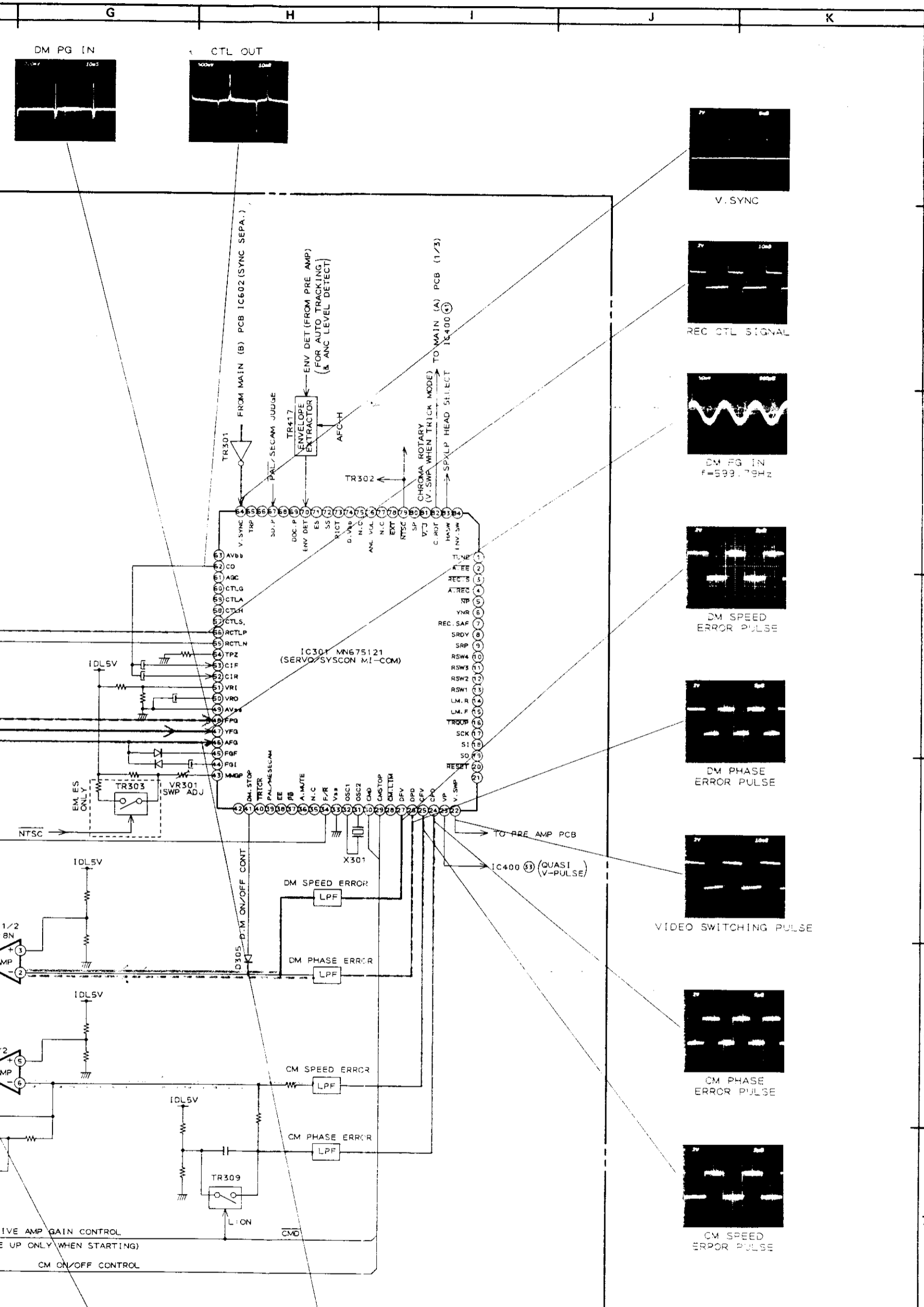


DRUM MOTOR

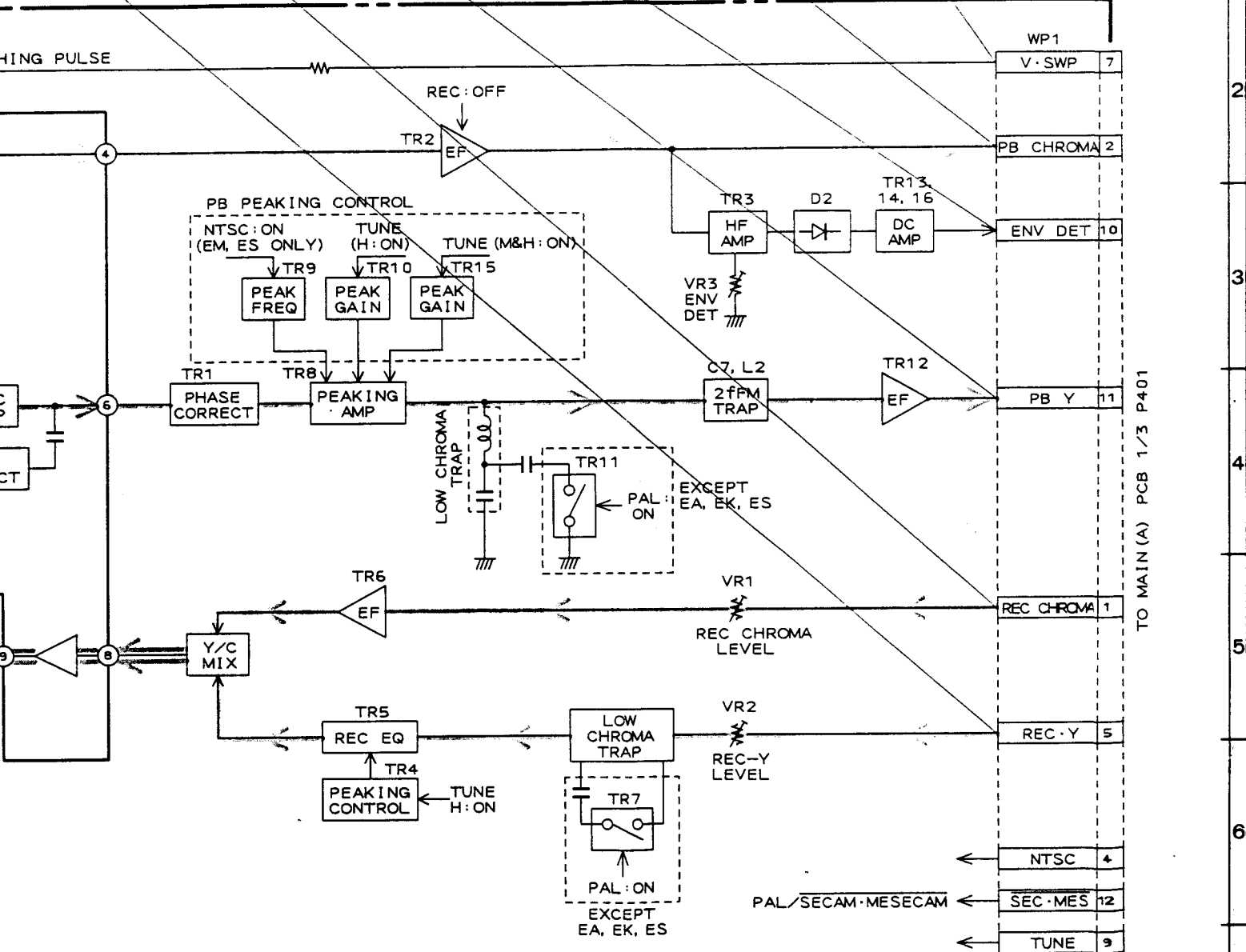
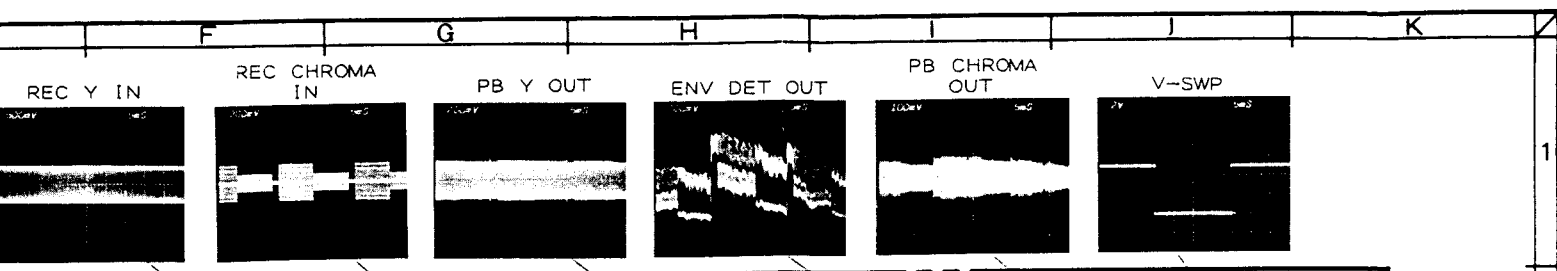
CAPSTAN MOTOR

- : CAPSTAN MOTOR SPEED CONTROL LINE
- · - · - · : CAPSTAN MOTOR PHASE CONTROL LINE
- : DRUM MOTOR SPEED CONTROL LINE
- : DRUM MOTOR PHASE CONTROL LINE





JBX
SERVO
BLOCK DIAGRAM
No. 6-4 V114654M
A2



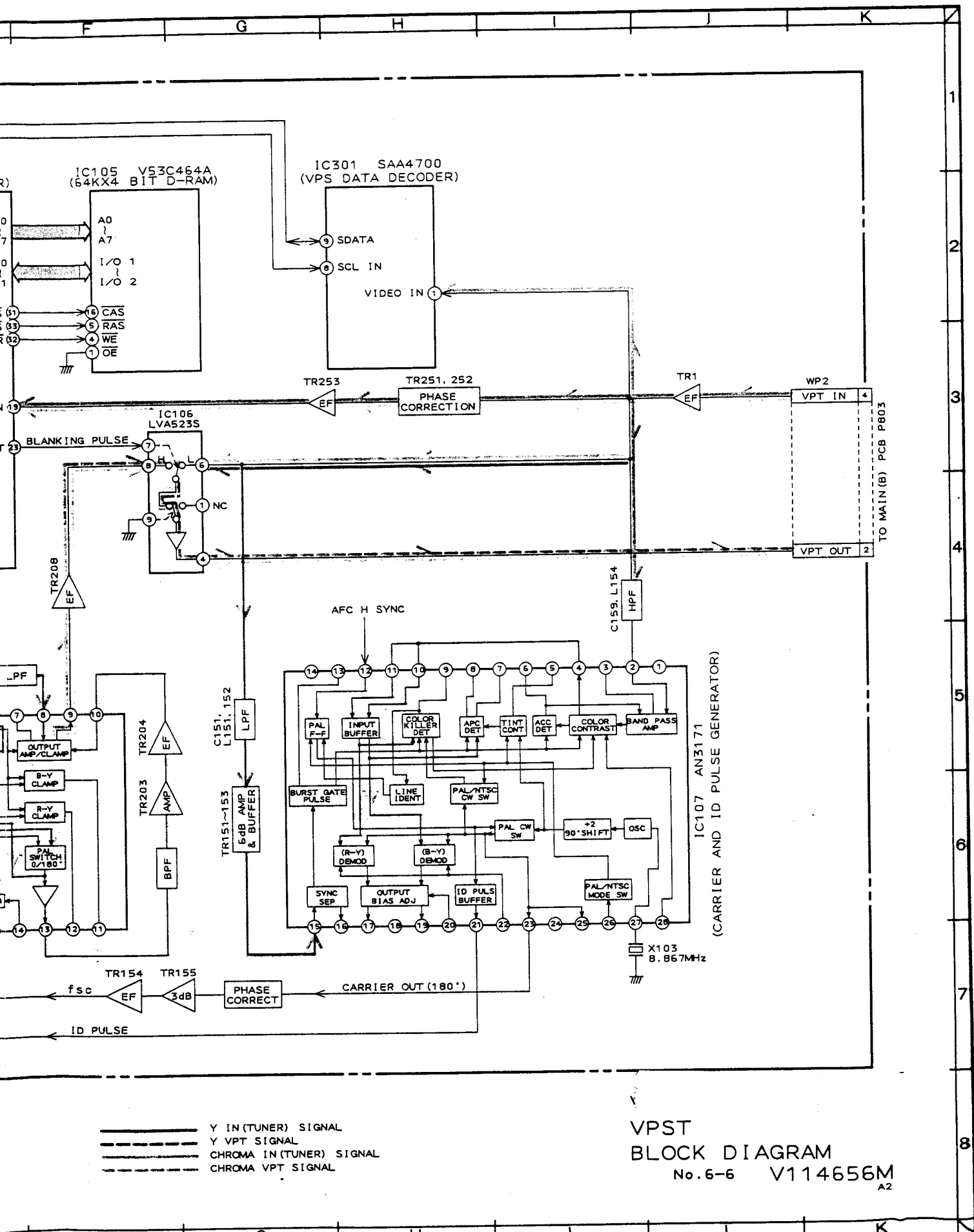
TO MAIN (A) PCB 1/3 P401

TUNE CONTROL LINE TRUTH TABLE

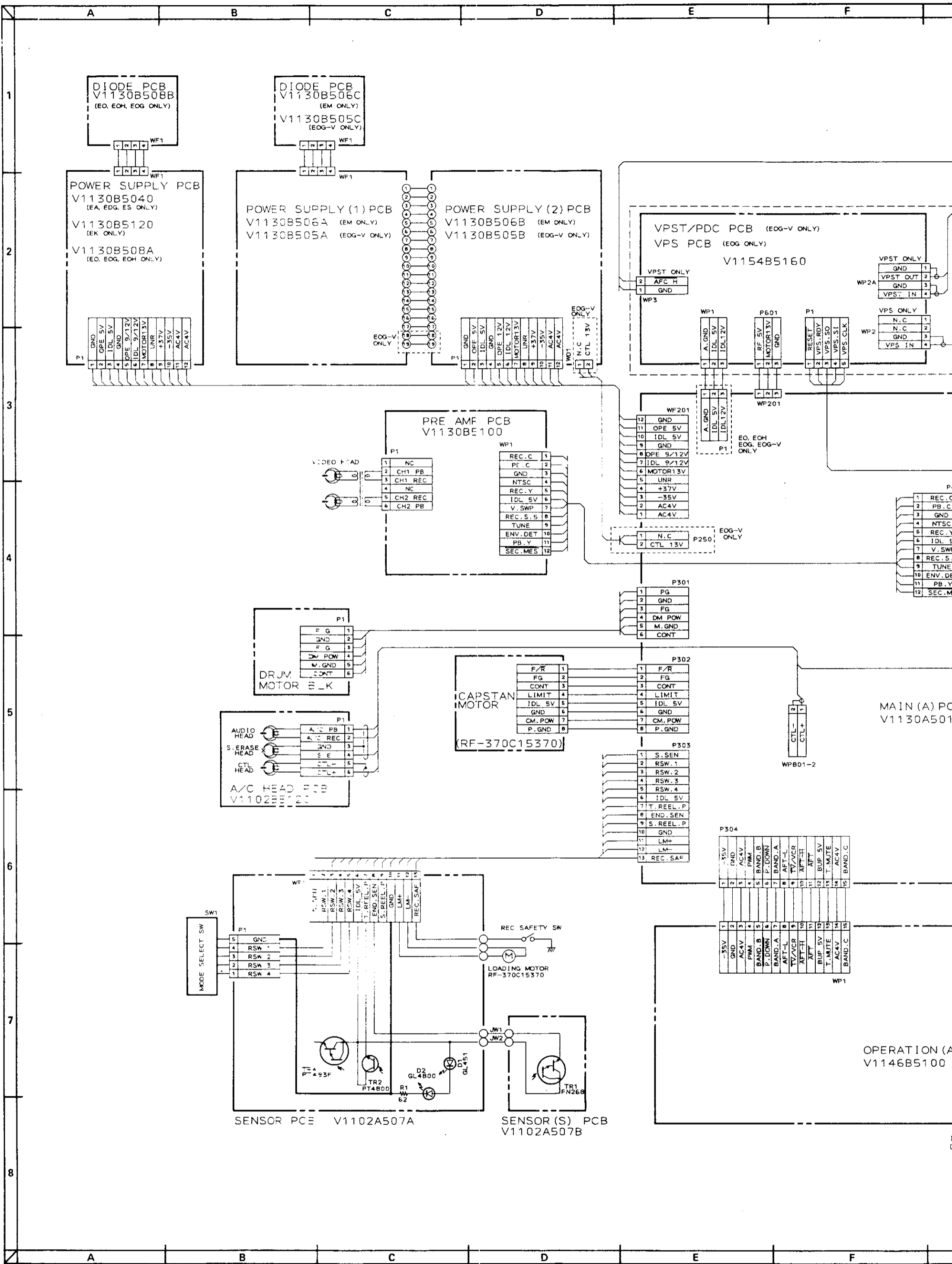
DURING TUNING REC	TAPE MODE										
	S-VHS		HG		NORMAL		LOW		POOR		
	PB	REC	PB	REC	PB	REC	PB	REC	PB	REC	
TUNE	L	L	M	L	M	M	H	M	H	H	H

- PB Y SIGNAL LINE
- ===== REC Y SIGNAL LINE
- PB CHROMA SIGNAL LINE
- ===== REC CHROMA SIGNAL LINE

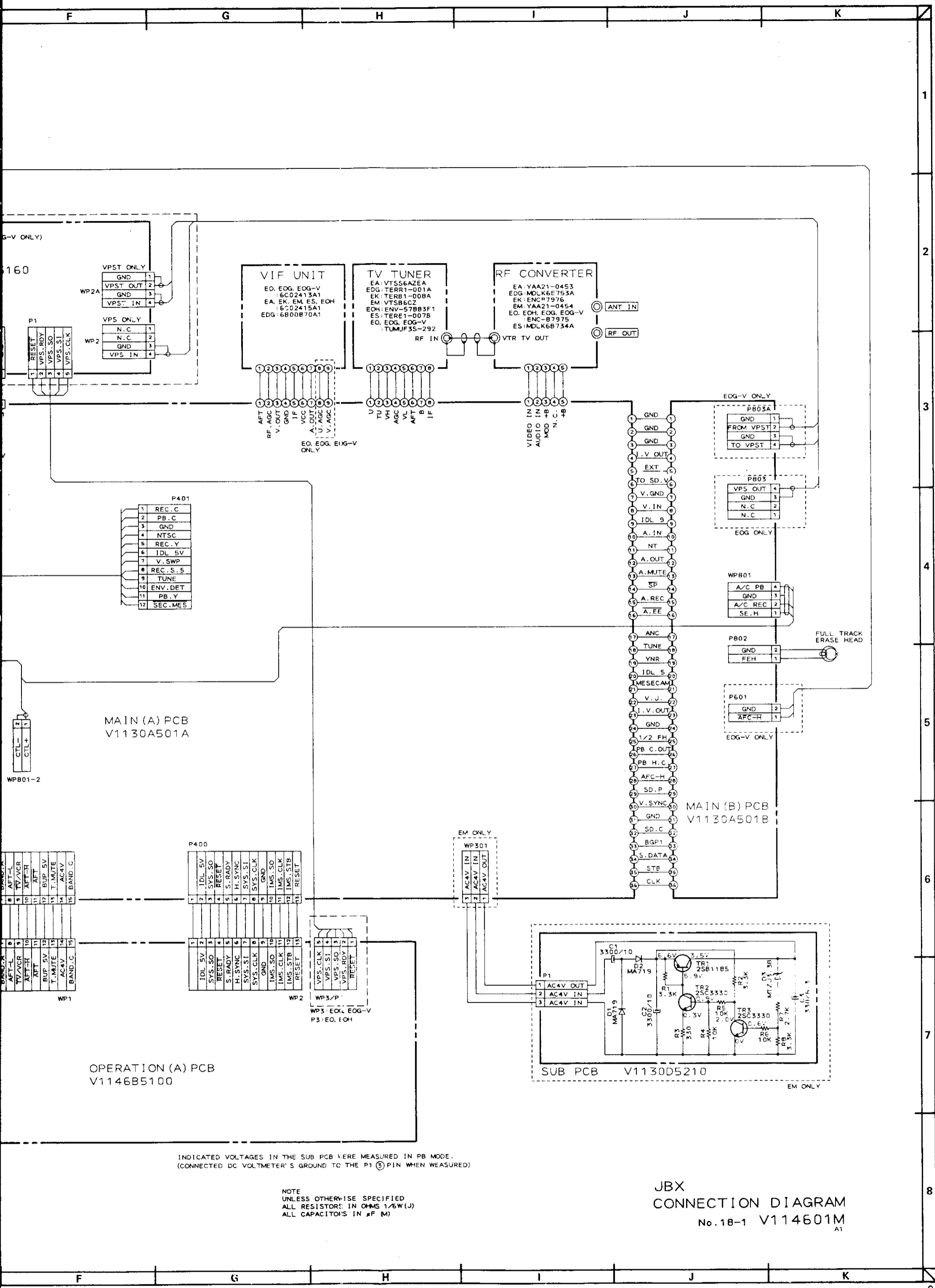
JBX
PRE AMP
BLOCK DIAGRAM
 No. 6-5 V11465SM
A2



VPST
 BLOCK DIAGRAM
 No. 6-6 V114656M
 A2



IND
(CO

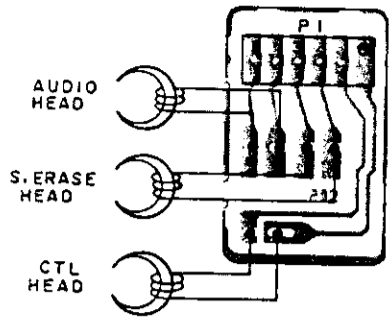


INDICATED VOLTAGES IN THE SUB PCB WERE MEASURED IN PB MODE.
 (CONNECTED DC VOLTMETER'S GROUND TO THE P1 (3) PIN WHEN MEASURED)

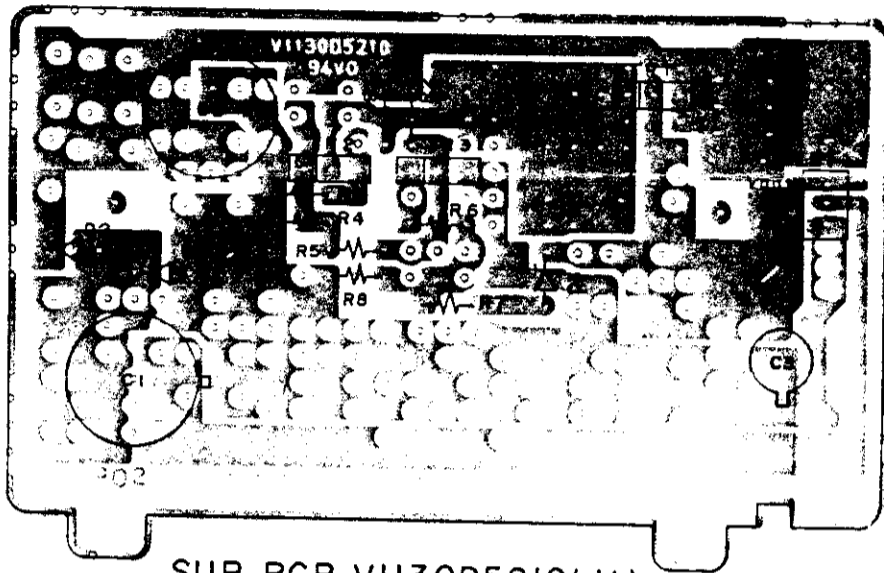
NOTE
 UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS IN OHMS 1/4W(J)
 ALL CAPACITORS IN μF (M)

**JBX
 CONNECTION DIAGRAM**

No. 18-1 V114601M
 A1

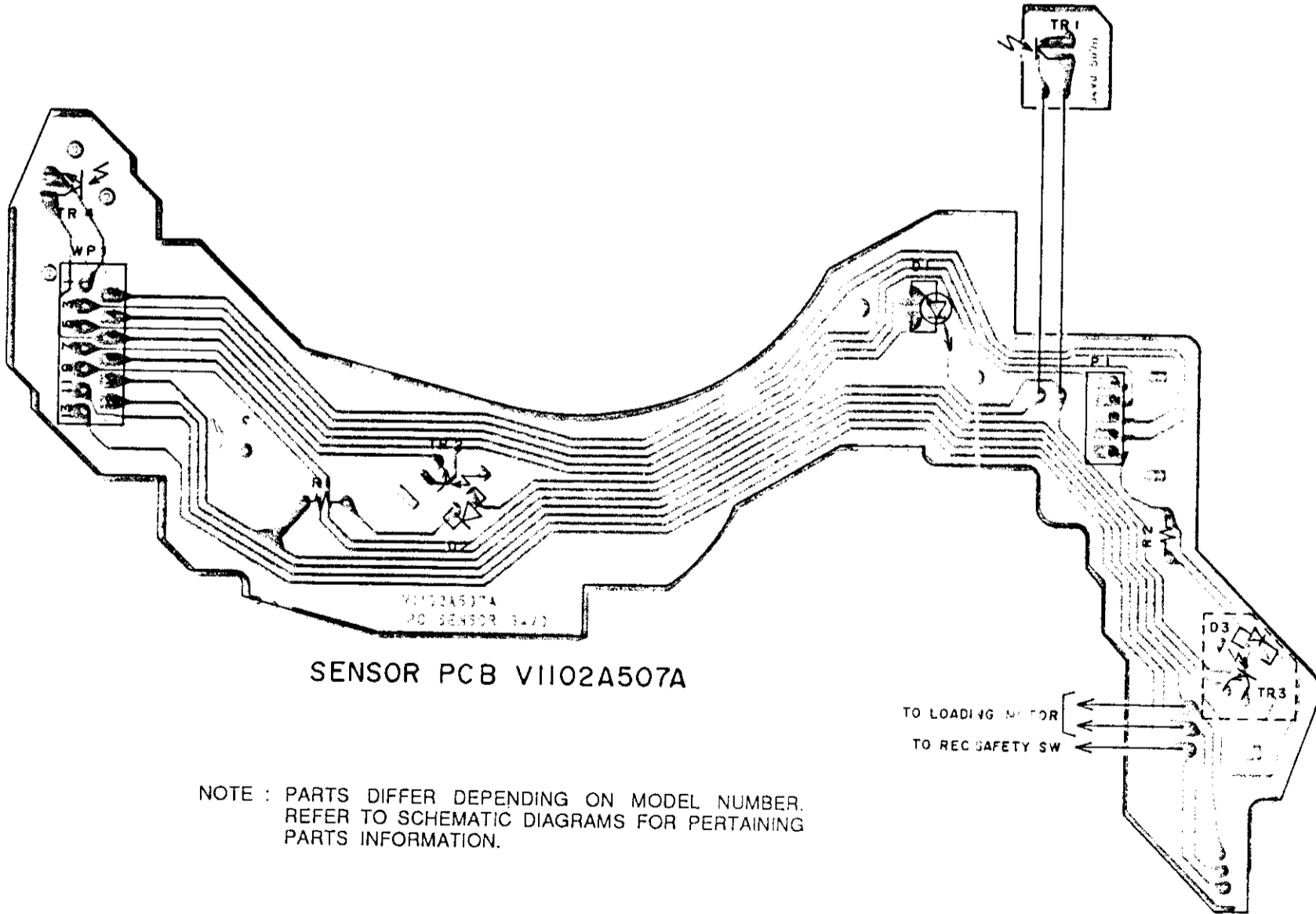


A / C HEAD PCB
VII02B5120(J1)



SUB PCB VII30D5210(J1)
(EM ONLY)

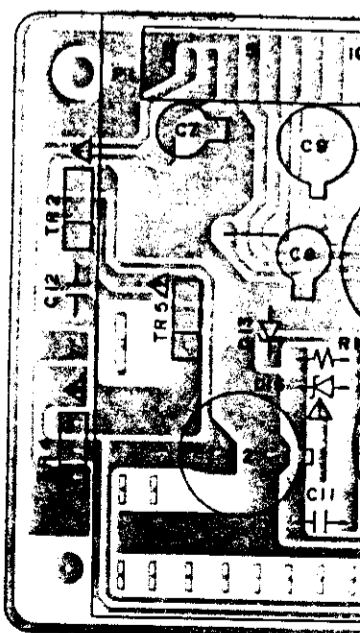
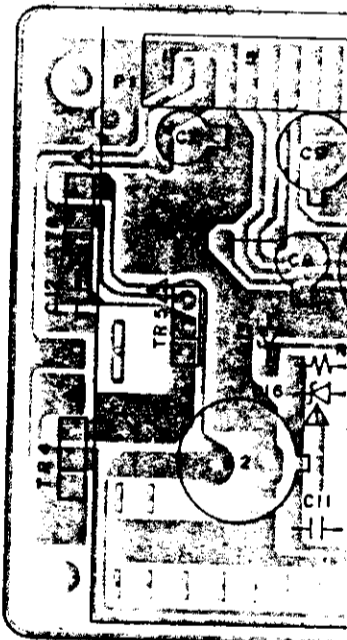
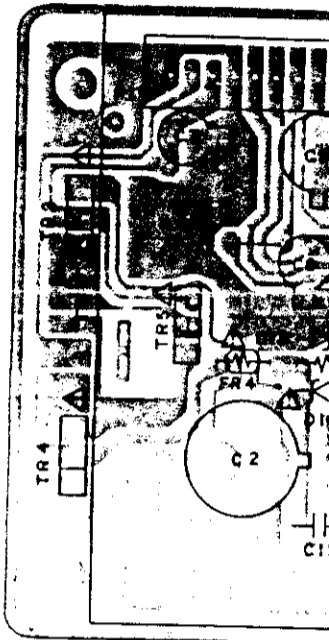
SENSOR(S) PCB
VII02A507B



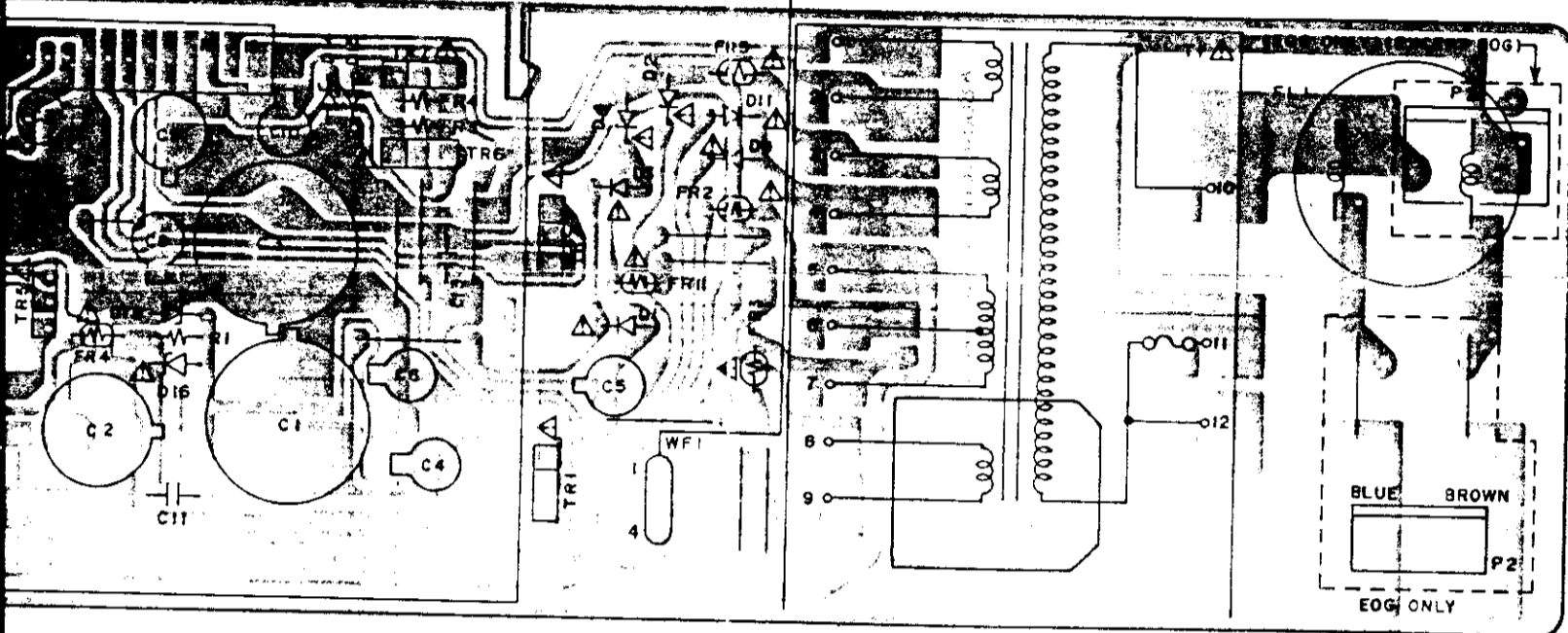
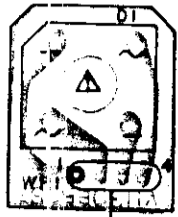
SENSOR PCB VII02A507A

NOTE : PARTS DIFFER DEPENDING ON MODEL NUMBER.
REFER TO SCHEMATIC DIAGRAMS FOR PERTAINING
PARTS INFORMATION.

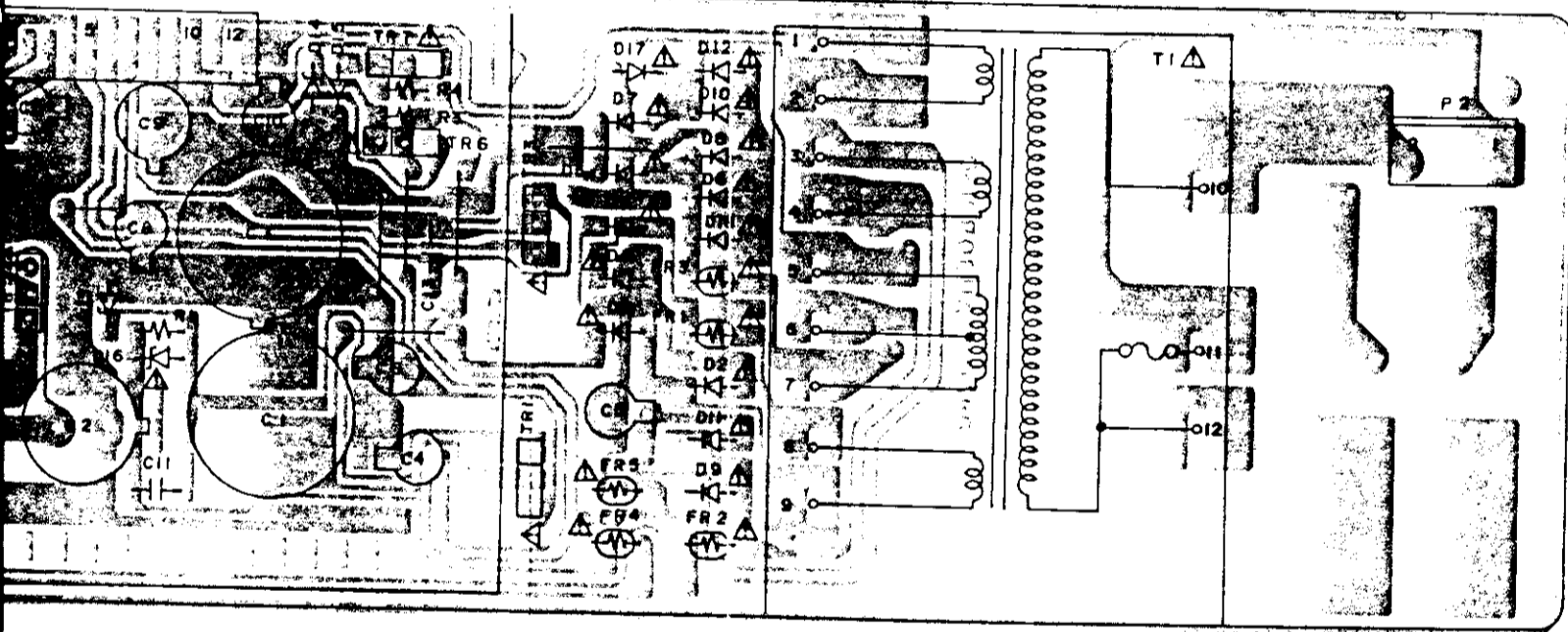
WARNING: ⚠ INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY.
REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
RECOMMENDED PARTS
AVERTISSEMENT: ⚠ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ.
POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL,
NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT



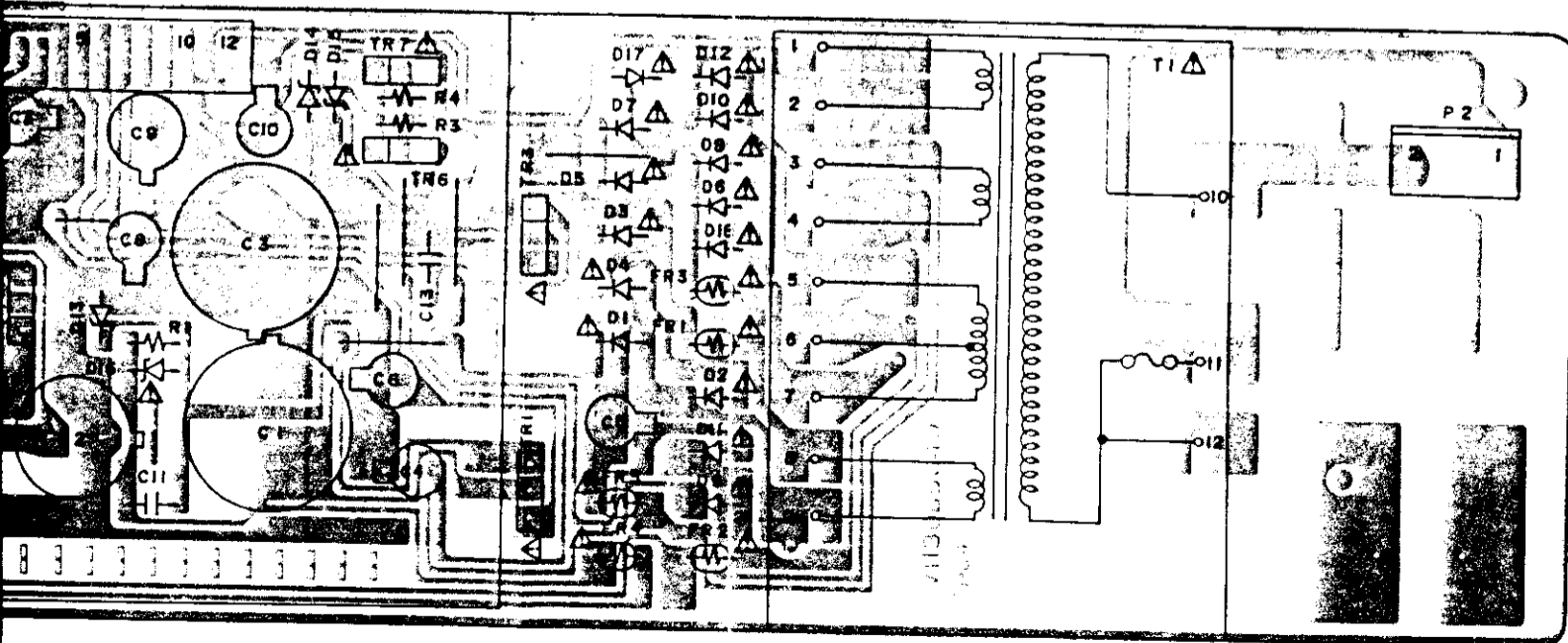
DICDE PCB
VII30B508B



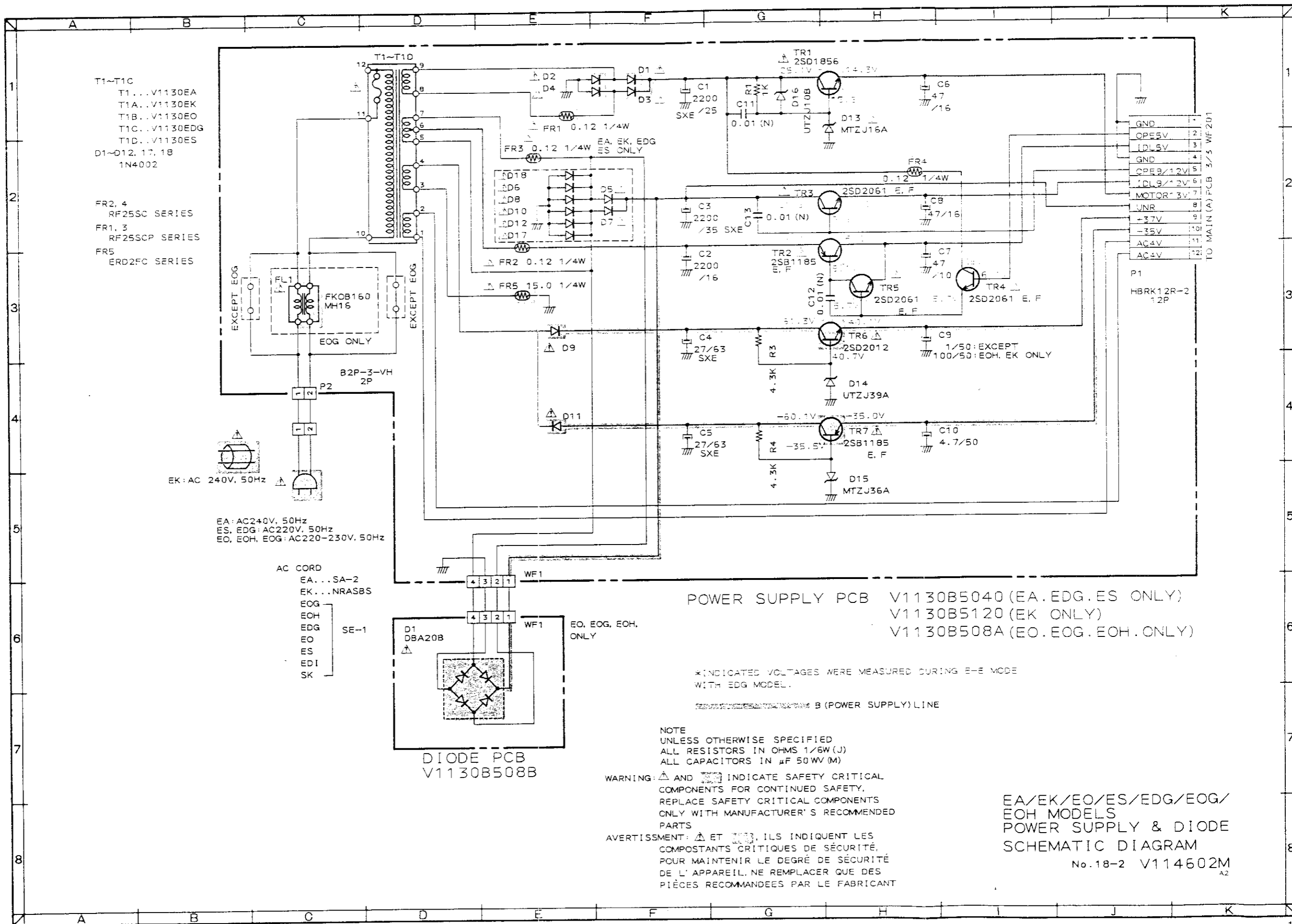
POWER SUPPLY PCB VII30B508A(J3) (EO, EOH, EOG ONLY)



POWER SUPPLY PCB VII30B5120(J1) (EK ONLY)



POWER SUPPLY PCB VII30B5040(J3) (EA, ES, EDG ONLY)



T1~T10
 T1...V1130EA
 T1A...V1130EK
 T1B...V1130EO
 T1C...V1130EDG
 T1D...V1130ES
 D1~D12, 17, 18
 1N4002

FR2, 4
 RF25SC SERIES
 FR1, 3
 RF25SCP SERIES
 FR5
 ERD2FC SERIES

EK: AC 240V, 50Hz
 EA: AC240V, 50Hz
 ES, EDG: AC220V, 50Hz
 EO, EOH, EOG: AC220-230V, 50Hz

AC CORD
 EA...SA-2
 EK...NRASBS
 EOG
 EOH
 EDG
 EO
 ES
 EDI
 SK

POWER SUPPLY PCB V1130B5040 (EA.EDG.ES ONLY)
 V1130B5120 (EK ONLY)
 V1130B508A (EO.EOG.EOH.ONLY)

*INDICATED VOLTAGES WERE MEASURED DURING E-E MODE WITH EDG MODEL.

----- B (POWER SUPPLY) LINE

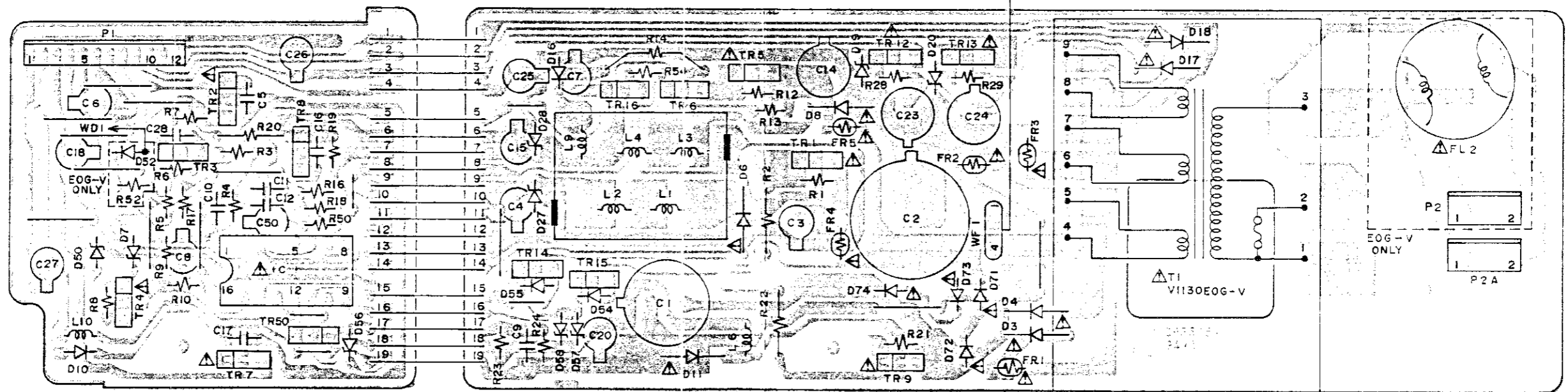
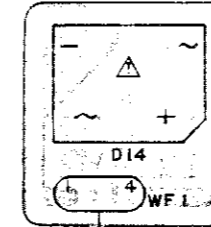
NOTE
 UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS IN OHMS 1/6W(J)
 ALL CAPACITORS IN μF 50WV(M)

WARNING: Δ AND □ INDICATE SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS

AVERTISSEMENT: Δ ET □ ILS INDIQUENT LES COMPOSANTS CRITIQUES DE SÉCURITÉ, POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

EA/EK/EO/ES/EDG/EOG/EOH MODELS
 POWER SUPPLY & DIODE SCHEMATIC DIAGRAM
 No.18-2 V114602M
 A2

DIODE PCB
VII30B505C(J1)



POWER SUPPLY (2) PCB
VII30B505B (J1)

POWER SUPPLY (1) PCB VII30B505A (J1)

WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY,
REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
RECOMMENDED PARTS.

AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ.
POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL,
NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

A B C D E F

1

2

3

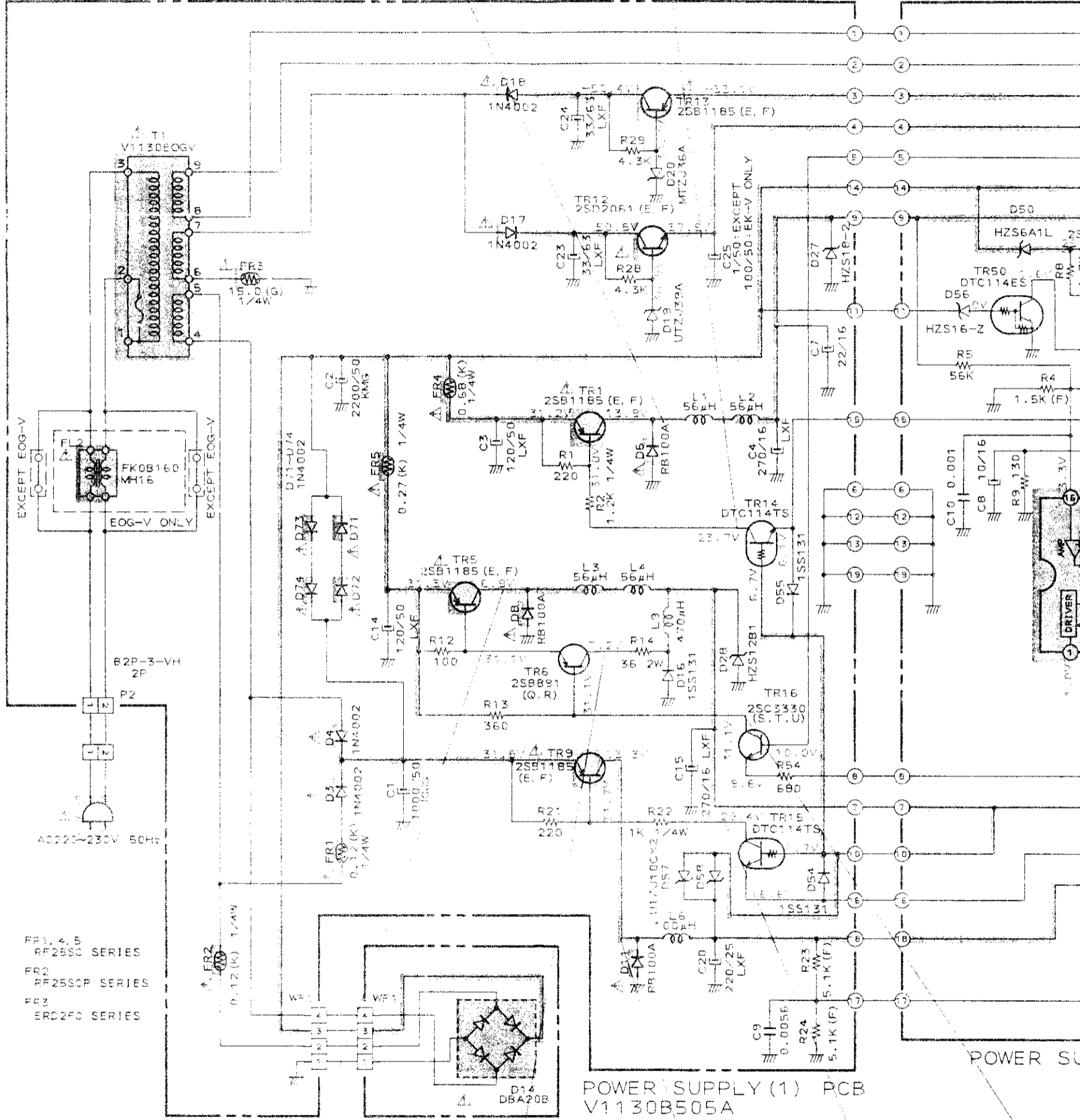
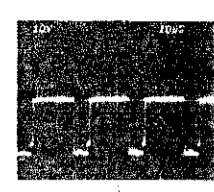
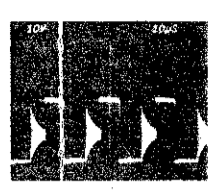
4

5

6

7

8



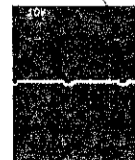
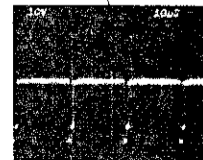
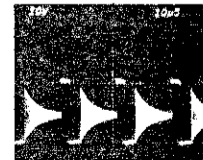
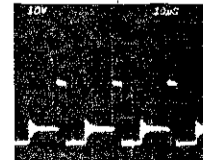
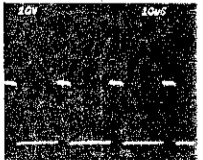
FR1, 4, 5
RF25SC SERIES
FR2
RF25SCP SERIES
FR3
ERD2FC SERIES

POWER SUPPLY (1) PCB
V1130B505A

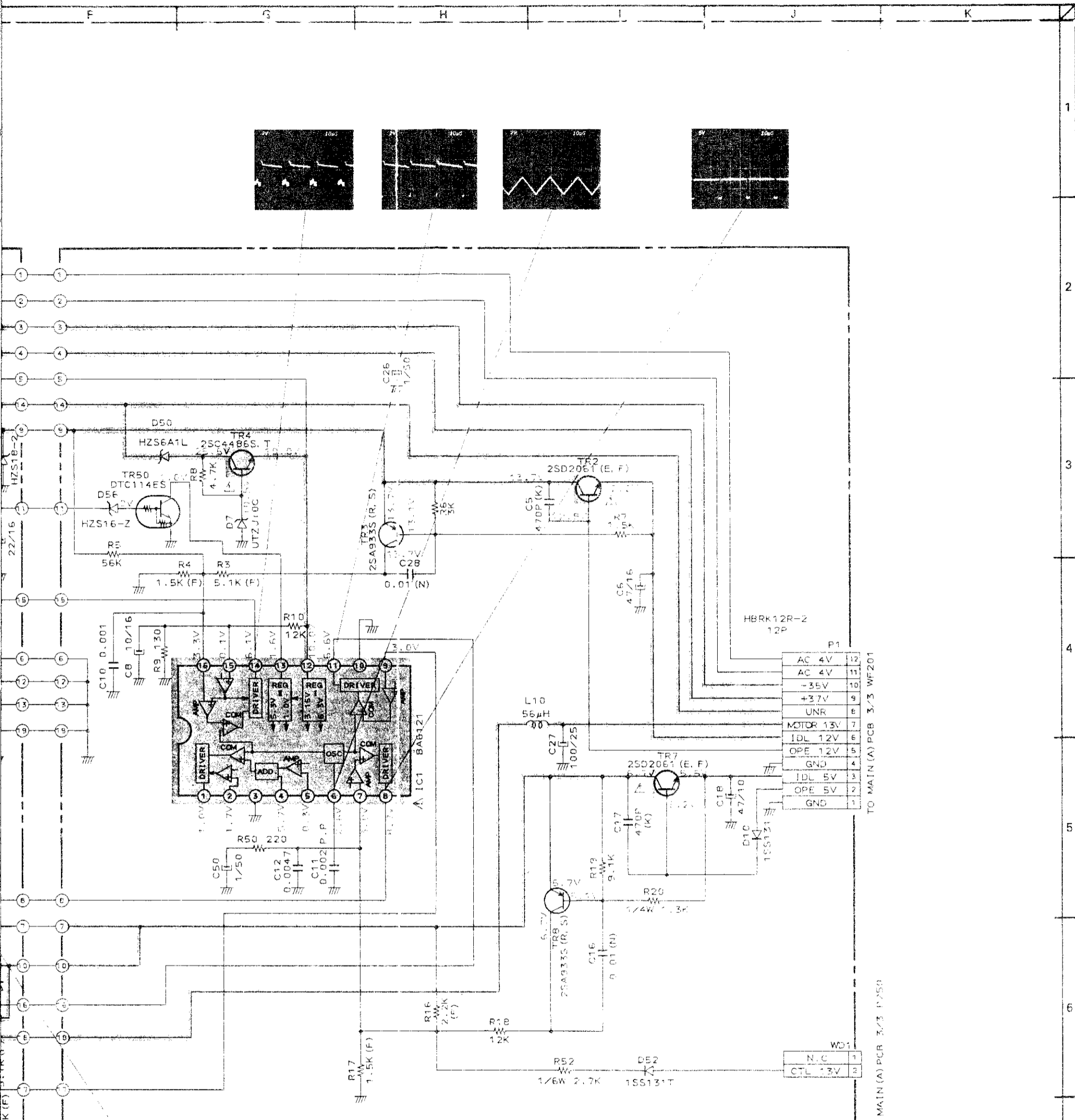
DIODE PCB
V1130B505C

POWER SU

CAUTION:
DO NOT TURN ON THE POWER WHILE
THE FLAT CABLE IN THE POWER BLK IS
DISCONNECTED AS THIS WILL DAMAGE
THE POWER CIRCUIT. MAKE SURE THAT
THE FLAT CABLE IS CONNECTED BEFORE
TURNING ON THE POWER.



A B C D E F



POWER SUPPLY (2) PCB V1130B505B

WARNING: AND INDICATE SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY. REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS

AVERTISSEMENT: ET , ILS INDIQUENT LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/8W (J)
ALL CAPACITORS IN µF 50 WV (M)

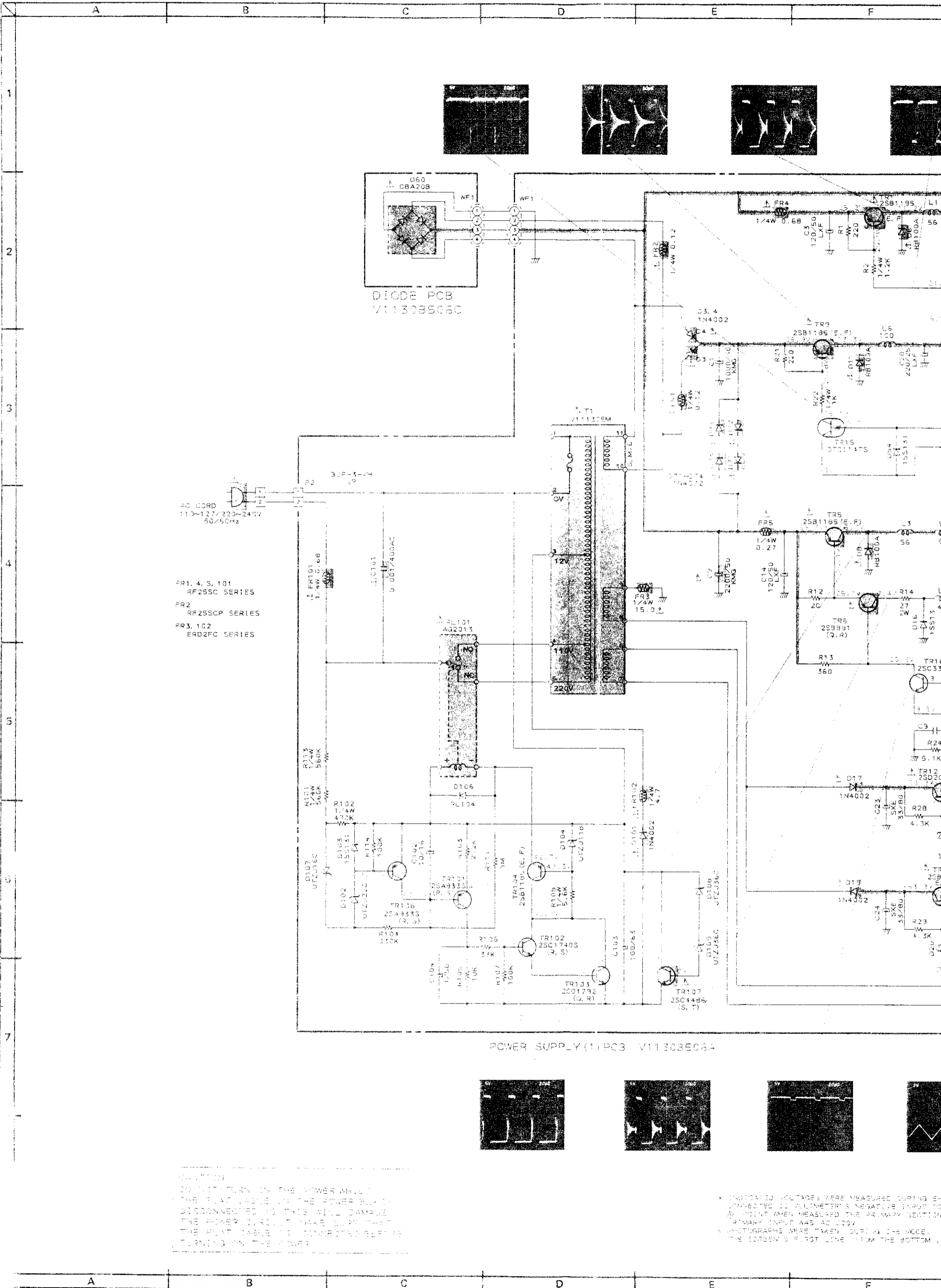
* INDICATED VOLTAGE WERE MEASURED DURING E-E MODE.
* PHOTOGRAPHS WERE TAKEN DURING E-E MODE. THE SCREEN'S FIRST LINE FROM THE BOTTOM IS DC 0V.

P1	
AC 4V	12
AC 4V	11
-35V	10
+37V	9
UNR	8
MOTDR 13V	7
IDL 12V	6
OPE 12V	5
GND	4
IDL 5V	3
OPE 5V	2
GND	1

WD1	
N.C	1
CTL 13V	2

POWER SUPPLY (1), (2) & DIODE SCHEMATIC DIAGRAM
No. 18-3 V114603M

1
2
3
4
5
6
7
8



AC CORD
110-127/220-240V
50/60Hz

FR1, 4, 5, 101
RF25SC SERIES

FR2
RF25SCP SERIES

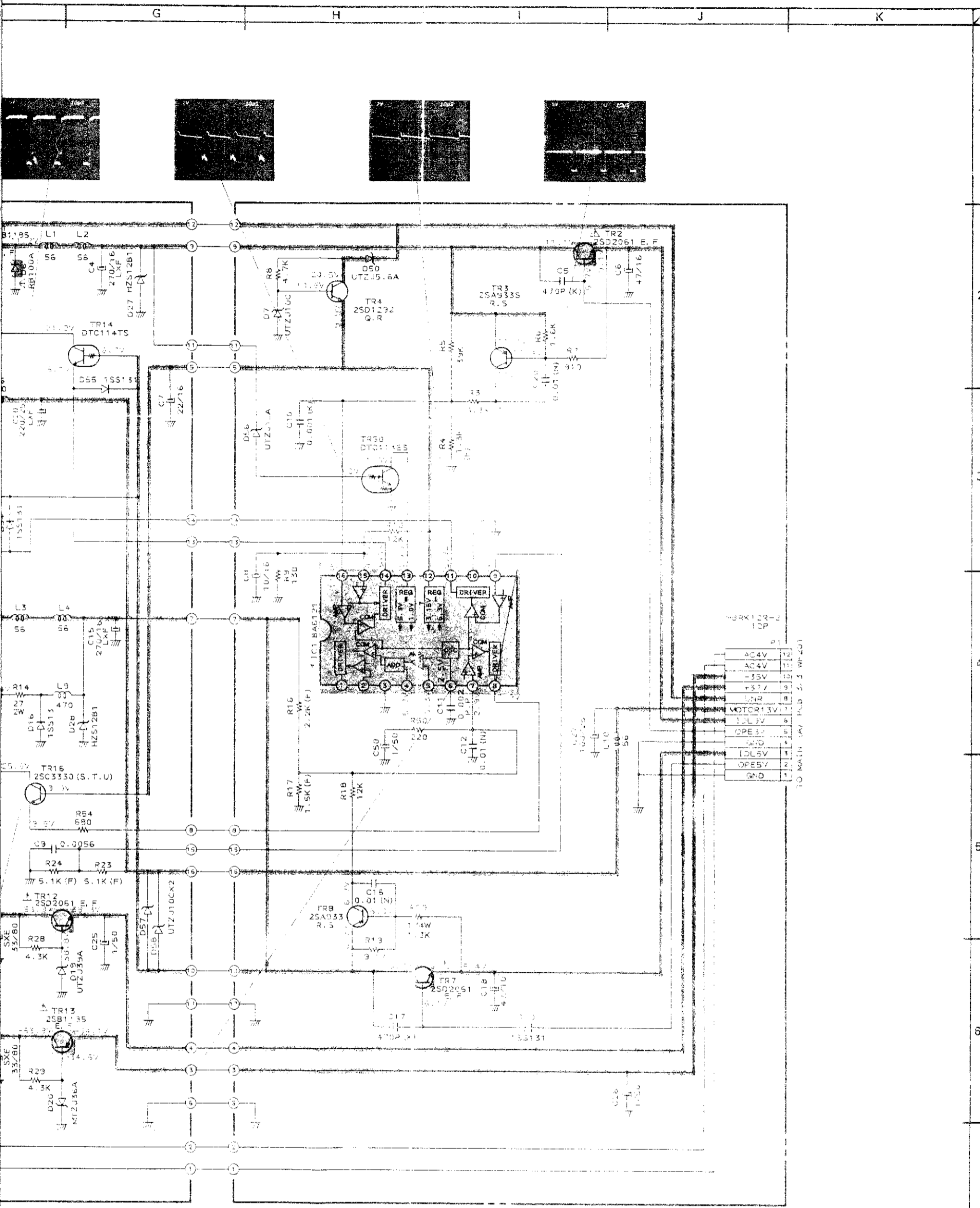
FR3, 102
ERD2FC SERIES

POWER SUPPLY (1) PCB V11308506A

CAUTION
DO NOT TURN ON THE POWER WHILE THE PLATE LEADS ON THE POWER PLATE IS DISCONNECTED AS THIS WILL DAMAGE THE POWER DIODES. MAKE SURE THAT THE PLATE LEADS IS CONNECTED BEFORE TURNING ON THE POWER.

* INDICATED VOLTAGES WERE MEASURED DURING OPERATION OF THE ALTIMETER'S NEGATIVE INPUT TO A POINT WHEN MEASURED THE PRIMARY SECTION PRIMARY INPUT WAS AC 220V

* WAVEFORMS WERE TAKEN DURING 1-H MODE. THE SCREEN'S FIRST LINE FROM THE BOTTOM.



POWER SUPPLY (1), (2) & DIODE SCHEMATIC DIAGRAM

WARNING: ⚠ AND INDICATE SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY. REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: ⚠ ET ILS INDICENT LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

NOTE: UNLESS OTHERWISE SPECIFIED, ALL RESISTORS IN OHMS 1/6W(0.1) ALL CAPACITORS IN µF 50 WV(50) ALL INDUCTORS IN µH (R)

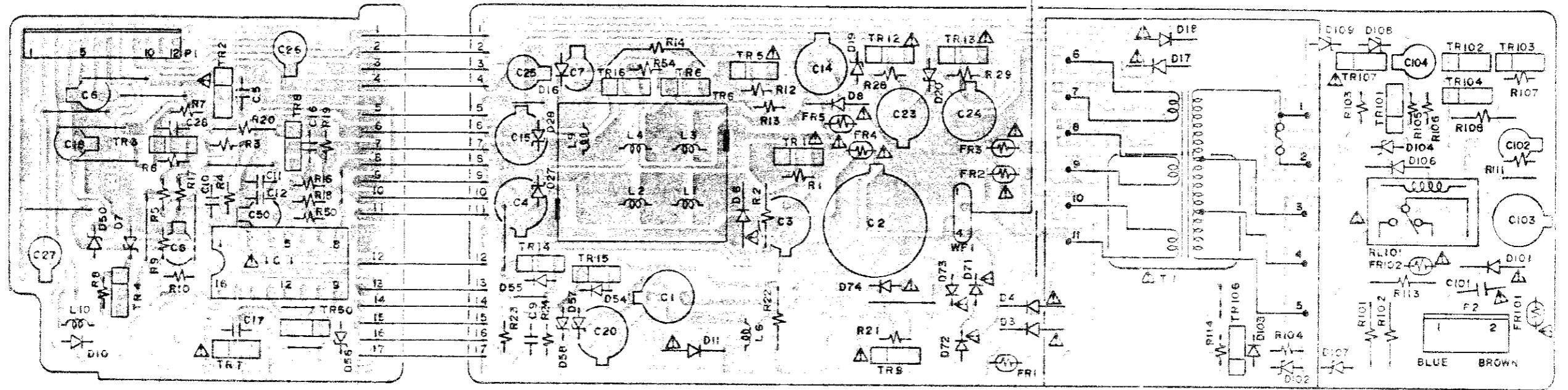
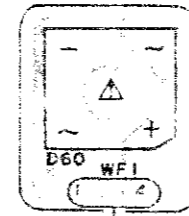
SAFETY SYMBOL B (POWER SUPPLY LINE)

VS-F260EM
POWER SUPPLY (1), (2) & DIODE
SCHEMATIC DIAGRAM

No. 1B-4 V114604M
A1

DURING EHE MODE,
VE INPUT TO THE
RY SECTION AND
HE MODE.
HE BOTTOM IS DC (V).

DIODE PCB
VII30B506C(J1)

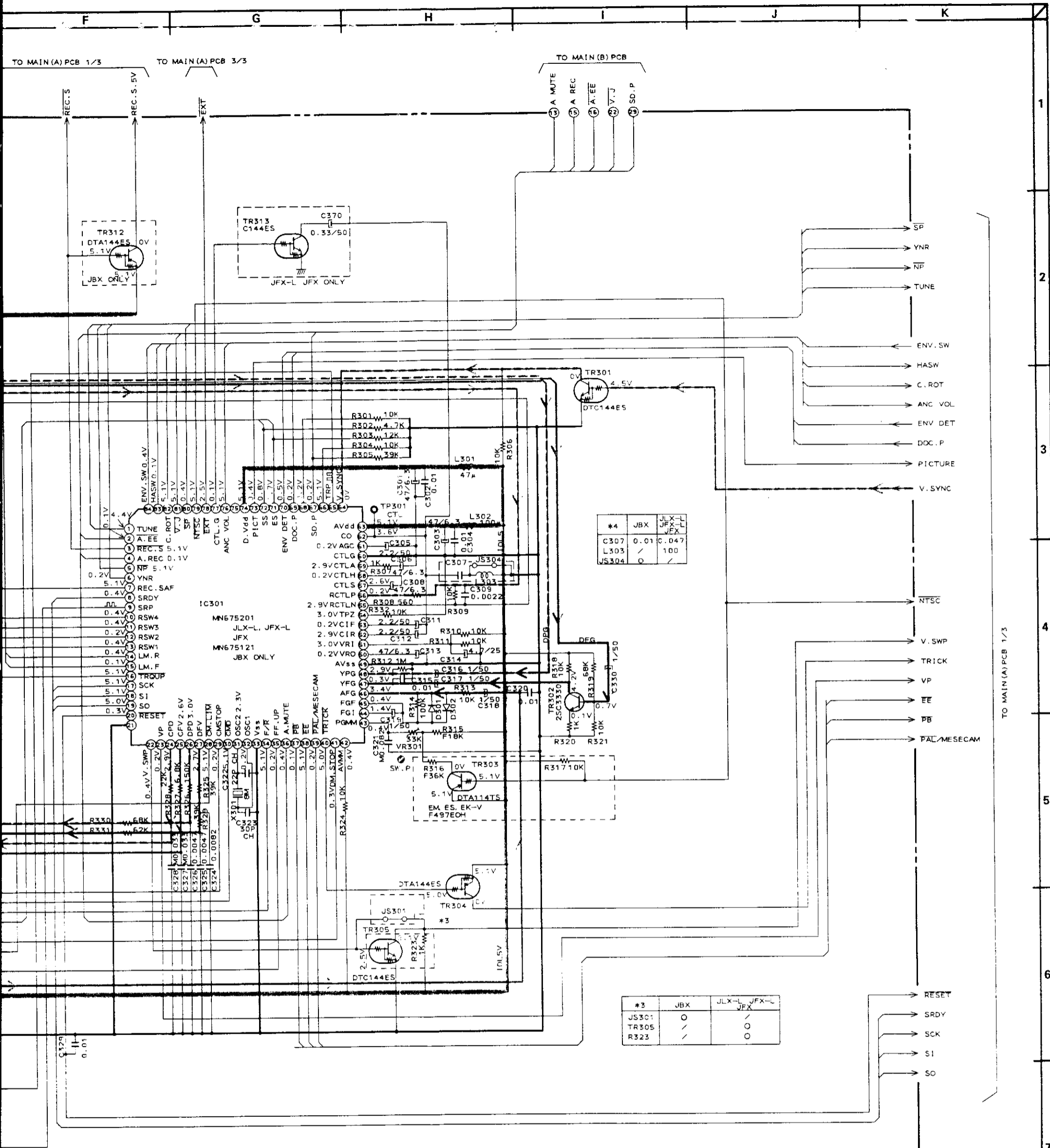


POWER SUPPLY (2) PCB
VII30B506B(J1)

POWER SUPPLY (1) PCB VII30B506A(J1)

WARNING ⚠ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT ⚠ INDICQUE LES COMPOSANTS CRITIQUES DE SECURITE. POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL, NE REMPLACER QUE DES PIECES RECOMMANDEES PAR LE FABRICANT.



NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS
ALL CAPACITORS IN μ F (P-PF) 50WV
ALL ELECTROLYTIC CAPACITORS IN μ F/VV
ALL DIODES ARE 1SS131T

INDICATED VOLTAGES WERE
MEASURED DURING PB MODE.

— B (POWER SUPPLY) LINE
— CAPSTAN MOTOR SPEED CONTROL LINE
— CAPSTAN MOTOR PHASE CONTROL LINE
— DRUM MOTOR SPEED CONTROL LINE
— DRUM MOTOR PHASE CONTROL LINE

WARNING: Δ AND \blacksquare INDICATE SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY. REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: Δ ET \blacksquare , ILS INDICENT LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

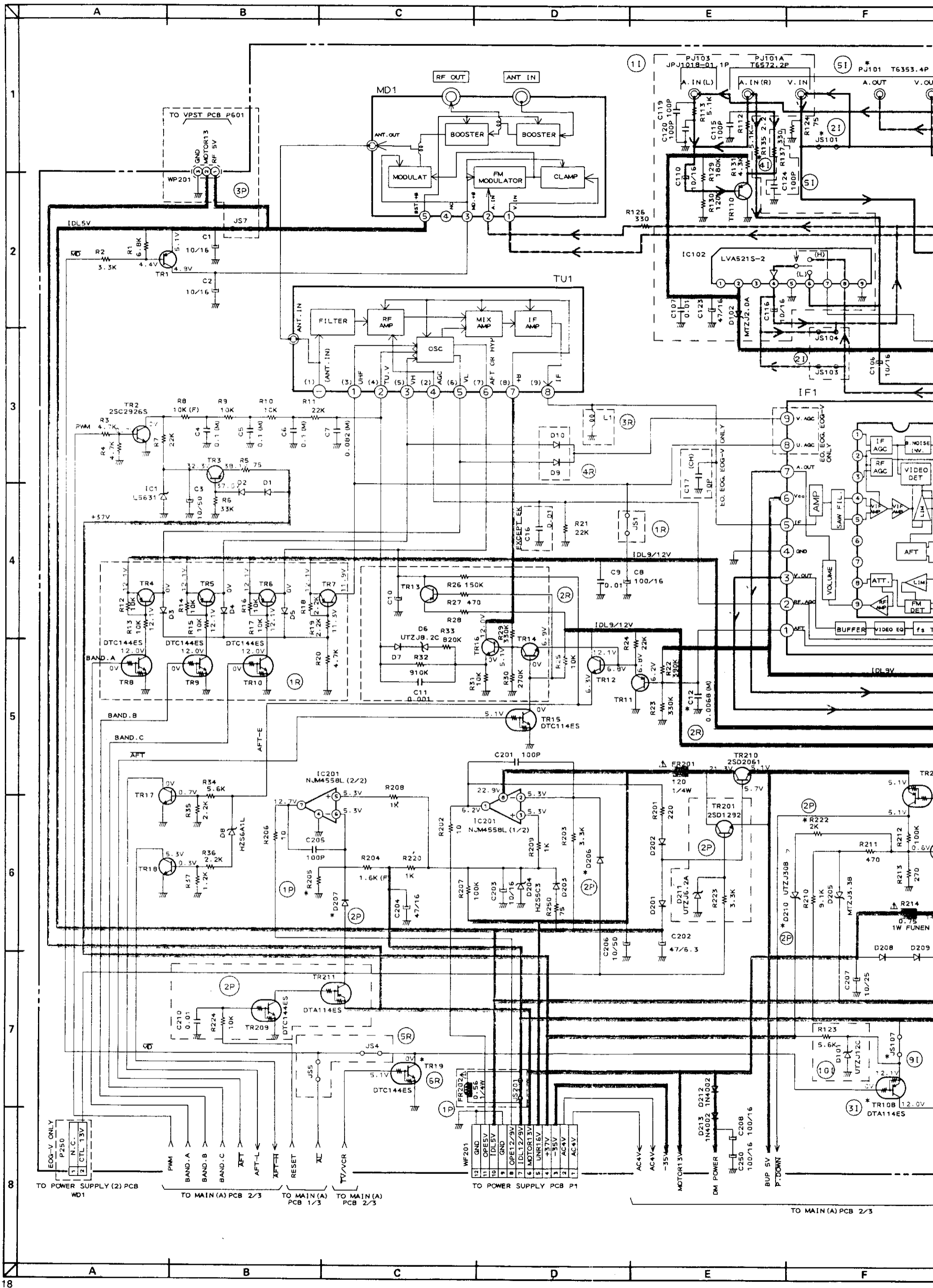
#4	JBX	JLX-L JFX-L JFX
C307	0.01	0.047
L303	/	100
JS304	0	/

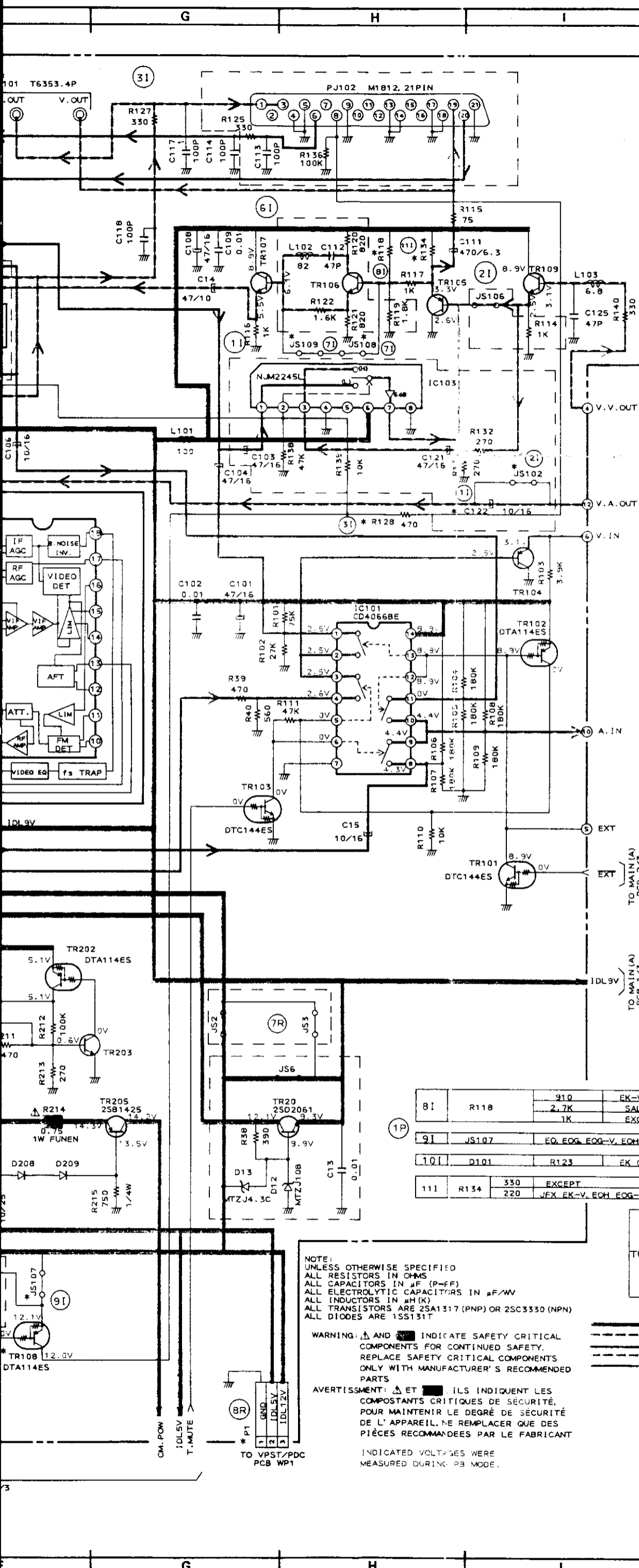
#3	JBX	JLX-L JFX-L JFX
JS301	0	/
TR305	/	0
R323	/	0

JFX
0
20K
20K
56K
56K
36K
56K
/
/

JBX
MAIN (A) 2/3
(SERVO, SYSCON BLK)
SCHEMATIC DIAGRAM
No.18-6 V114606M
A1

TO MAIN(A) PCB 1/3





1R	TR4, TR5, TR7	2SA1317	EXCEPT
	TR8, TR9	DTC144ES	EK, EK-V
	R12, R13, R14, R15	10K	
	R18, R19	2.2K	
	R20	4.7K	
	D3, D4	1SS131T	
	TR6	2SA1317	EOH ONLY
	TR10	DTC144ES	
	R16, R17	10K	
	D5	1SS131T	
	JS1		EK, EK-V
2R	TR13	2SA1317	EXCEPT EOH
	R25	150K	
	R27	470	
	C10	1/50	EK, EK-V, EOG, EOG-V EQ, EM, JBX-ES
		2.2/50	EA, EDG, EDI, JFX-ES
	R28	910	EO, EOG, EOG-V, EK-V
		560	EA, EM, ES, EK, EDG, EDI
	TR14, TR16	2SC3330	
	R29	330K	
	R30	270K	
	R31	10K	
	R32	910K	
	R33	820K	
	C11	0.001	
	C12	0.0056(M)	
	D7	1SS131T	
	D6	VTZJ8.2C	
3R	L1	1.0	EA
		0.82	JFX-EOH
		0.68	EK, EK-V, EM
		NONE	EO, EOG, EOG-V, EDG, EDI, ES JBX-EOH, JFX-EOH
4R	D9, D10	1SS131T	EO, EOG, EOG-V
5R	JS4	EA, EM	
	JS5	EXCEPT EA, EM	
	7R	JS2	EXCEPT EK-V
		JS3	EK-V ONLY
6R	TR19	DTC144ES	EXCEPT ES, EDG, EDI
8R	P1	PH 3P	EO, EOH, EOG, EOG-V, EK-V
1P	R205	1.3K(F)	EO, EOH, EOG, EOG-V, EK-V
		2.2K(F)	EA, EM, ES, EK, EDG, EDI
	TR20	2SD2061	
	C13	0.01	EO, EOH, EOG, EOG-V, EK-V
	R38	390	
	D12	D13	FR202
	JS6	JS201	EA, EM, ES, EK, EDG, EDI
2P	R222	2K	
	R223	3.3K	
	R224	10K	
	D206, D207	1SS131T	EOG, EOG-V ONLY
	D210	VTZJ30B	
	D211	VTZJ6.2A	
	TR201	2SD1292	
	TR209	DTC144ES	
	TR211	DTA114ES	
	C210	0.01	
3P	JS7		EXCEPT EOG, EOG-V
	WP201		EOG, EOG-V ONLY
	P250		EOG-V ONLY
1I	TR110		JFX-
	IC102		EK-V
	IC103		EOH, EOG-V ONLY
	C103		R112
	C105		R113
	C107		R129
	C110		R130
	C115		R131
	C116		R132
	C119		R133
	C120		R138
			C115 EOG-V -H BLK
2I	JS101	JS104	EXCEPT
	JS102	JS106	JFX EK-V
	JS103	R114	EOH, EOG-V
3I	PJ102	R125	EK, EO, EOG
	C113	R128	EK-V, EOG-V
	C114	R135	EOH
	TR108		
4I	R135	JBX, JFX- EK, EO, EOG, EOH, EK-V, EOG-V JFX- EO, EOG	
5I	PJ101	R137	EA, EDG, EM
	C124		ES, EDI
6I	C112	R122	
	R119	L102	
	R120	TR106	SAL
	R121		
7I	JS108	JS109	EXCEPT SAL
8I	R118	910	EK-V, EOG-V
		2.7K	SAL
		1K	EXCEPT
9I	JS107		EO, EOG, EOG-V, EOH, EK-V
10I	D101	R123	EK ONLY
11I	R134	330	EXCEPT
		220	JFX EK-V, EOH, EOG-V
TU1	J B X	J L X	J F X
	EA	VTSS6AZ EA	←
	EDG, EDI	TERR1-001A	←
	EK, EK-V	TERR1-008A	←
	EM	YTS86CZ	←
	EOH	ENV-57883F1	←
	EO, EOG, EOG-V	TERR1-007B	←
	ES	TUMJF3S-292	←
		TERZ1-004A	←
MD1	YAA21-0453	EA	
	YAA21-0454	EM	
	ENC87975	EO, EOG, EOG-V, EOH	
	ENC87976	EK, EK-V	
	MDLK68013B	ES	
	MDLK6E333A	EDG	
	MDLK6E766A	EDI	

NOTE:
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS
ALL CAPACITORS IN μ F (P-FF)
ALL ELECTROLYTIC CAPACITORS IN μ F/W
ALL INDUCTORS IN μ H(K)
ALL TRANSISTORS ARE 2SA1317 (PNP) OR 2SC3330 (NPN)
ALL DIODES ARE 1SS131T

WARNING: Δ AND \blacksquare INDICATE SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY. REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS

AVERTISSEMENT: Δ ET \blacksquare ILS INDIQUENT LES COMPOSTANTS CRITIQUES DE SÉCURITÉ, POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

INDICATED VOLTAGES WERE MEASURED DURING PB MODE.

— B (POWER SUPPLY) LINE
- - - AUDIO OUT (E-E, PB) LINE
- - - AUDIO IN (E-E, REC) LINE
- - - VIDEO OUT (E-E, PB) LINE
- - - VIDEO IN (E-E, REC) LINE

JBX
MAIN (A) 3/3
SCHEMATIC DIAGRAM
No. 18-7 V114607M
A1

PRINCIPAL PARTS LOCATION

ICS

IC101	D5	TR201	F4
IC102	D,E5	TR202	E4
IC103	D5	TR203	E4
IC201	F4,5	TR205	E,F4
IC301	E1,2	TR209	F4
IC302	F1,2	TR210	E,F4
IC303	E,F3	TR211	F4
IC304	F2	TR301	D1
IC400	C3	TR302	E3
IC401	C,D4	TR303	D,E2
IC402	C,D1	TR304	D2
IC403	C5	TR305	E2

WF & WP

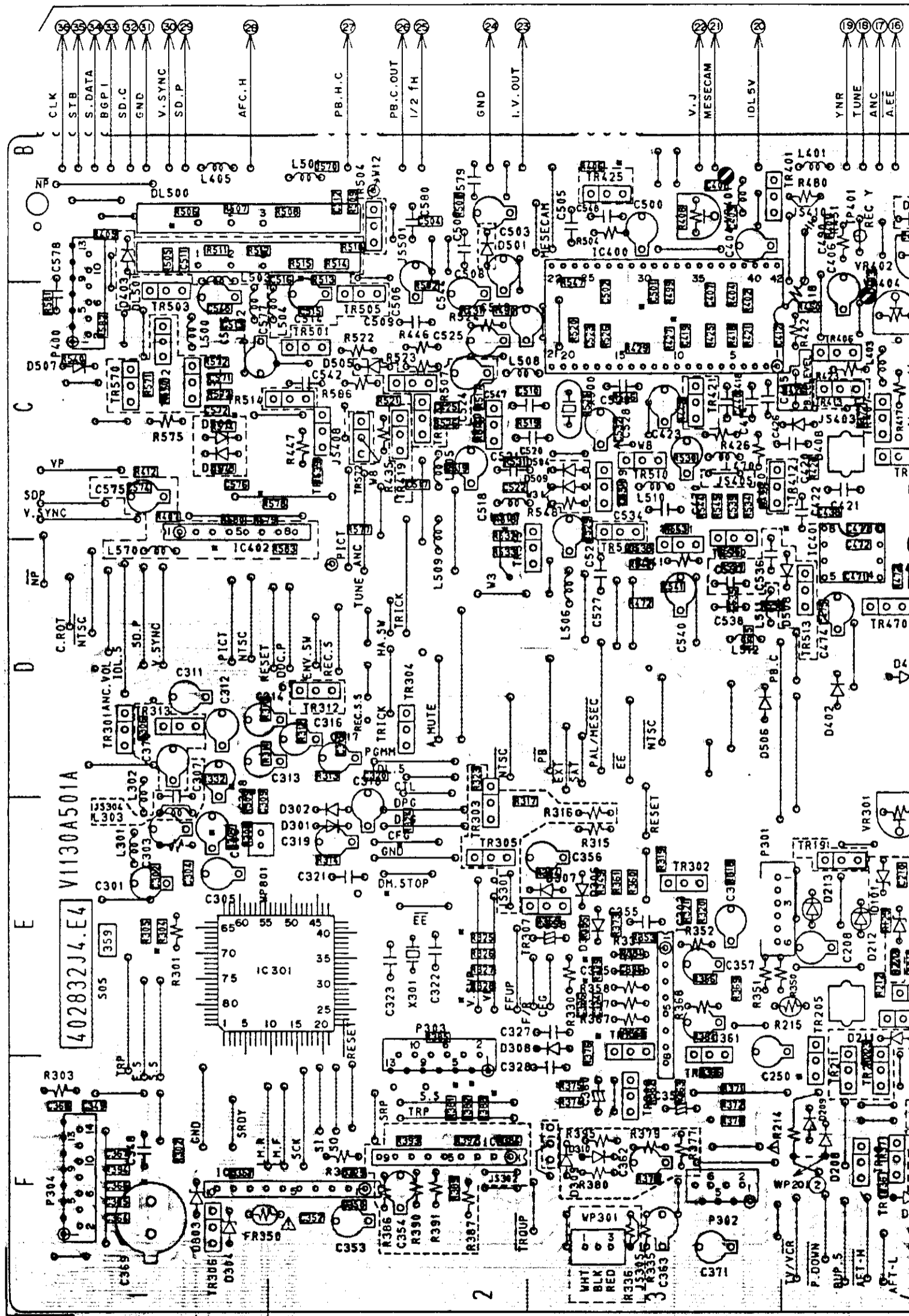
WF201	F4,5	TR307	E3
WP301	F3	TR308	E,F4
WP801	E1,2	TR309	F3

CONNECTORS

P1	E,F5	TR310	E,F3
P250	F4	TR312	D2
P301	E3	TR313	D1
P302	F4	TR401	B3
P303	E2	TR402	B4
P304	F1	TR404	C5
P400	B,C1	TR406	C4
P401	D5	TR407	C4
P402	B5	TR408	C4
		TR409	C5
		TR410	C5
		TR411	C4
		TR412	C3
		TR413	C4
		TR414	D4
		TR415	C4
		TR417	C5
		TR419	C2
		TR420	C4
		TR421	C3
		TR423	C2
		TR424	B5
		TR425	B3
		TR470	D4
		TR471	C4
		TR501	C2
		TR502	C1
		TR503	C1
		TR504	C1
		TR505	C2
		TR506	C2
		TR507	C2
		TR508	C,D3
		TR509	C3
		TR510	C3
		TR511	D3
		TR512	C,D3
		TR513	D4
		TR514	C2
		TR515	C2
		TR570	C1
		TR571	C1
		TR572	C2
		TR573	C2

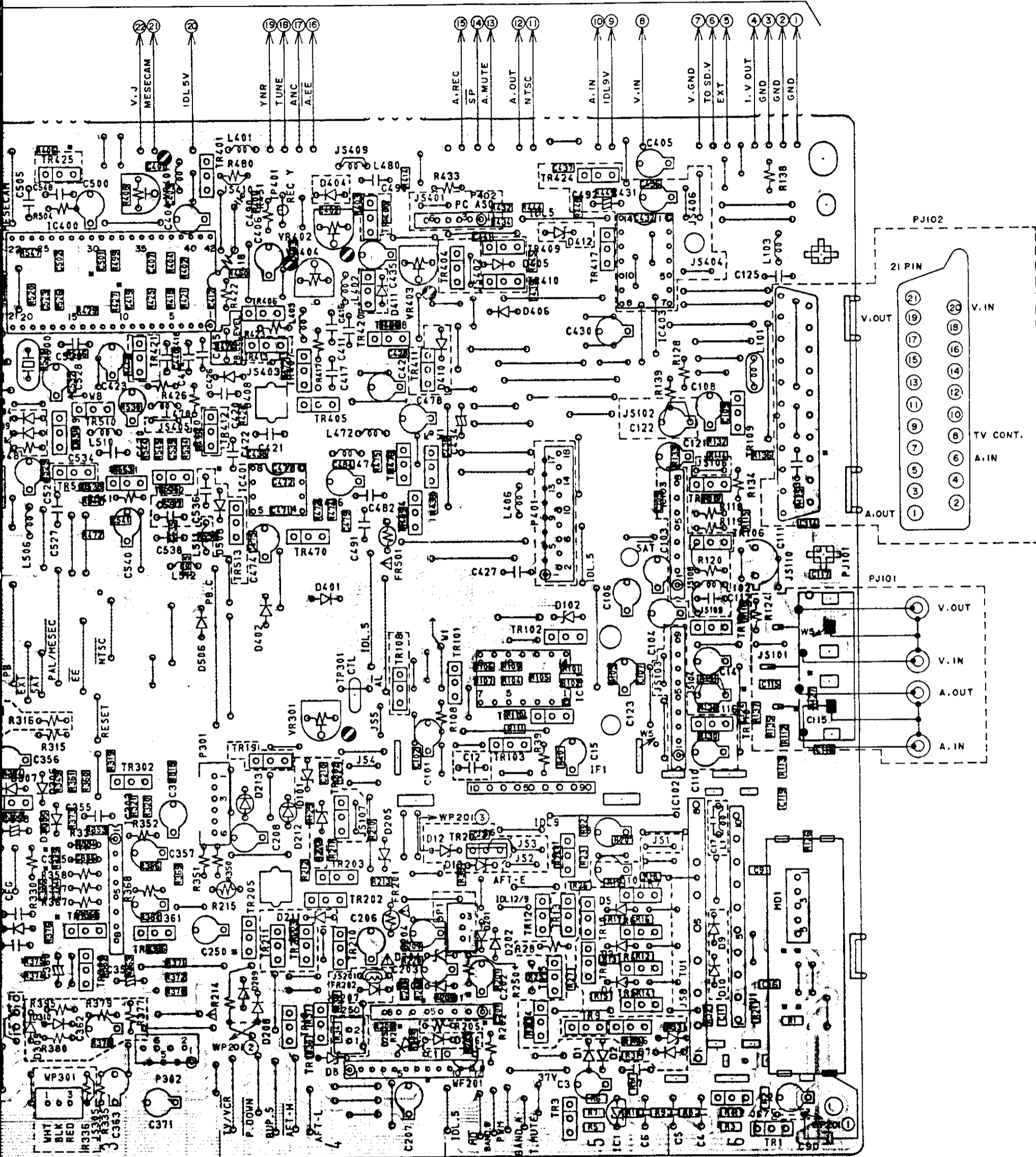
TRANSISTORS

TR1	F6	TR101	D5
TR2	F6	TR102	D5
TR3	F5	TR103	E5
TR4	F5	TR104	E5
TR5	F5	TR105	D6
TR6	F5	TR106	D6
TR7	E5	TR107	D6
TR8	F5	TR108	D4
TR9	F5	TR109	C6
TR10	E,F5	TR110	E6
TR11	E5		
TR12	E5		
TR13	E,F5		
TR14	F5		
TR15	F5		
TR16	F5		
TR17	F4		
TR18	F4		
TR19	E4		
TR20	E5		



NOTE : PARTS DIFFER DEPENDING ON MODEL NUMBER.
REFER TO SCHEMATIC DIAGRAMS FOR PERTAINING
PARTS INFORMATION.

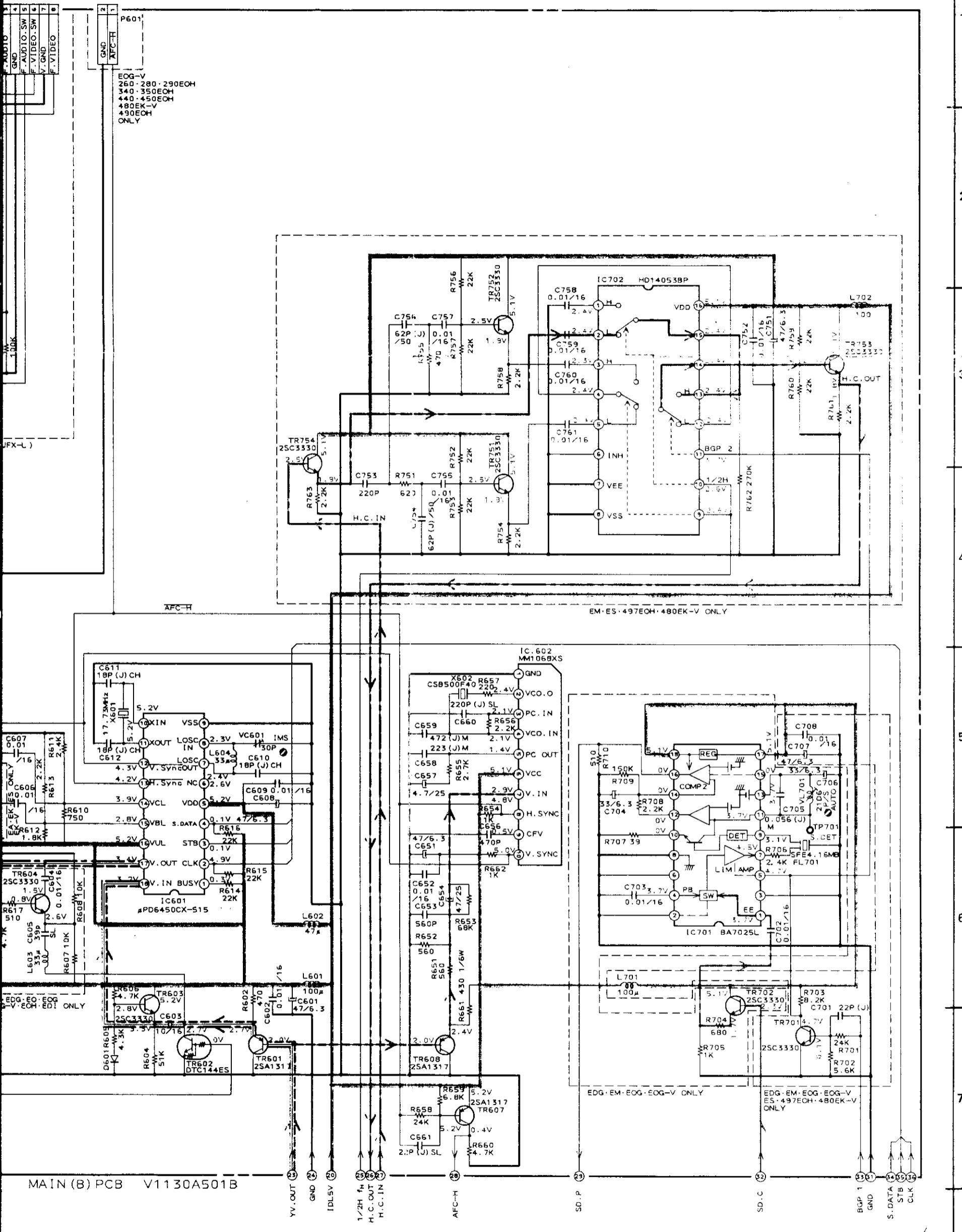
TO MAIN (B) PCB



MAIN (A) PCB VII30A501A (J4)

WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY. REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS

AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT



MAIN (B) PCB V1130A501B

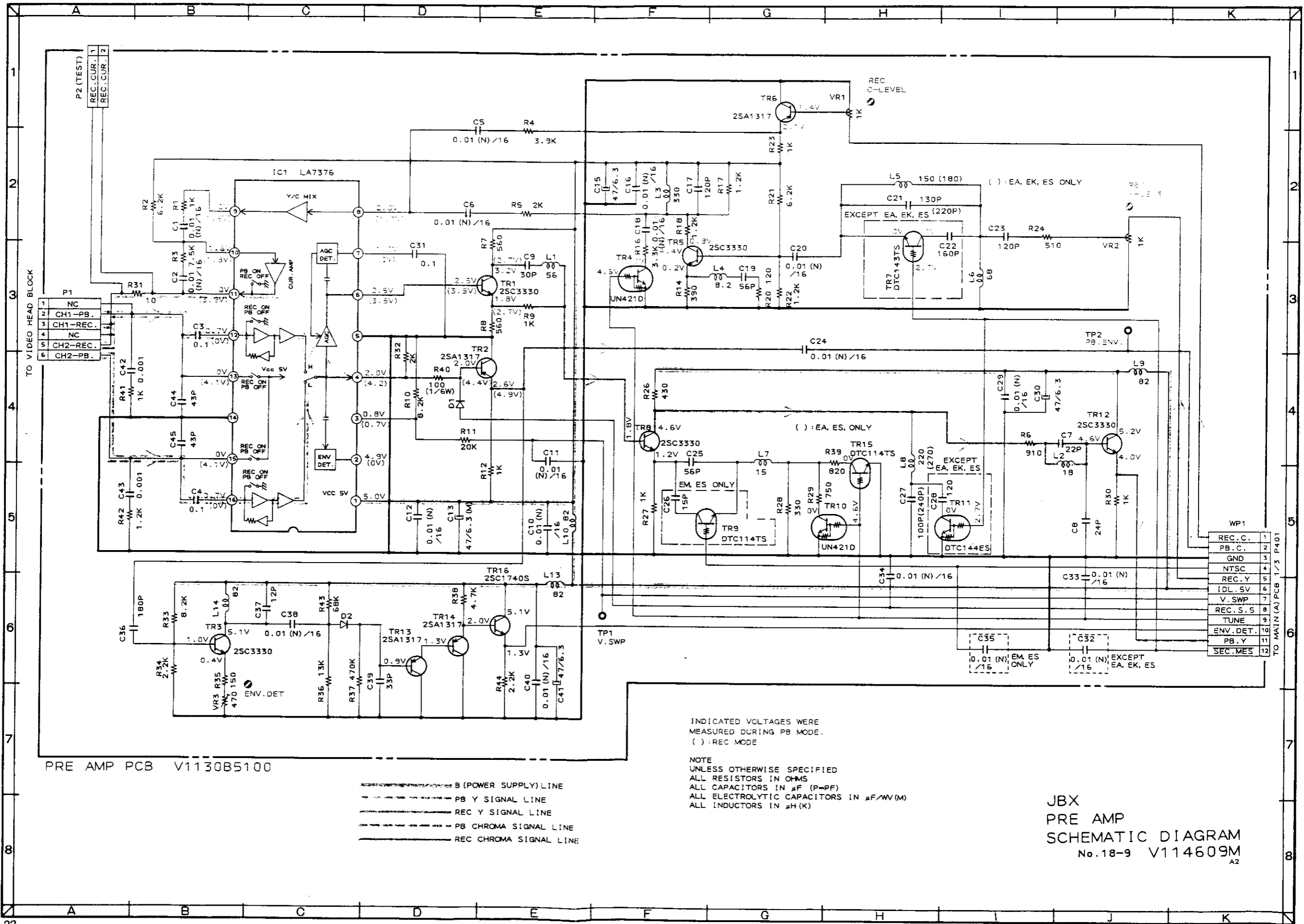
- B (POWER SUPPLY) LINE
- - - PB AUDIO SIGNAL LINE
- · - REC AUDIO SIGNAL LINE
- · - PB Y SIGNAL LINE
- · - PB CHROMA SIGNAL LINE
- · - VIDEO IN (REC. E-E) SIGNAL LINE

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS
ALL CAPACITORS IN µF
ALL DIODES ARE 1SS131T

**JBX
MAIN (B)
SCHEMATIC DIAGRAM
No. 18-8 V114608M
A1**

PB MODE

1
2
3
4
5
6
7
8



PRE AMP PCB V1130B5100

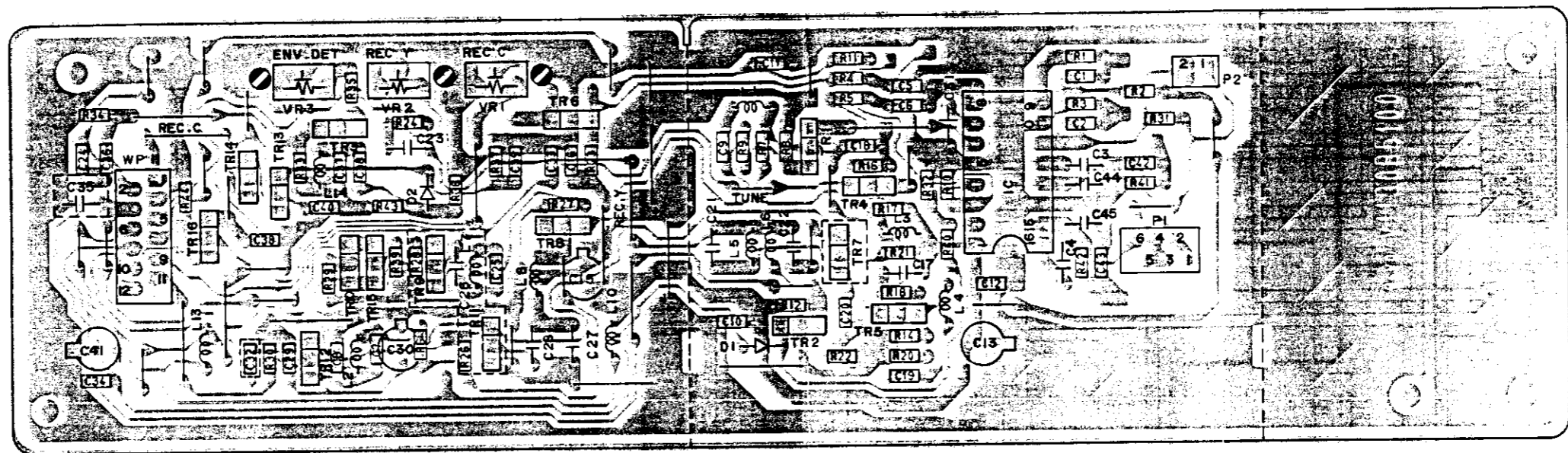
- B (POWER SUPPLY) LINE
- PB Y SIGNAL LINE
- REC Y SIGNAL LINE
- PB CHROMA SIGNAL LINE
- REC CHROMA SIGNAL LINE

INDICATED VOLTAGES WERE MEASURED DURING PB MODE.
() : REC MODE

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS
ALL CAPACITORS IN μ F (P-PF)
ALL ELECTROLYTIC CAPACITORS IN μ F/WV(M)
ALL INDUCTORS IN μ H(K)

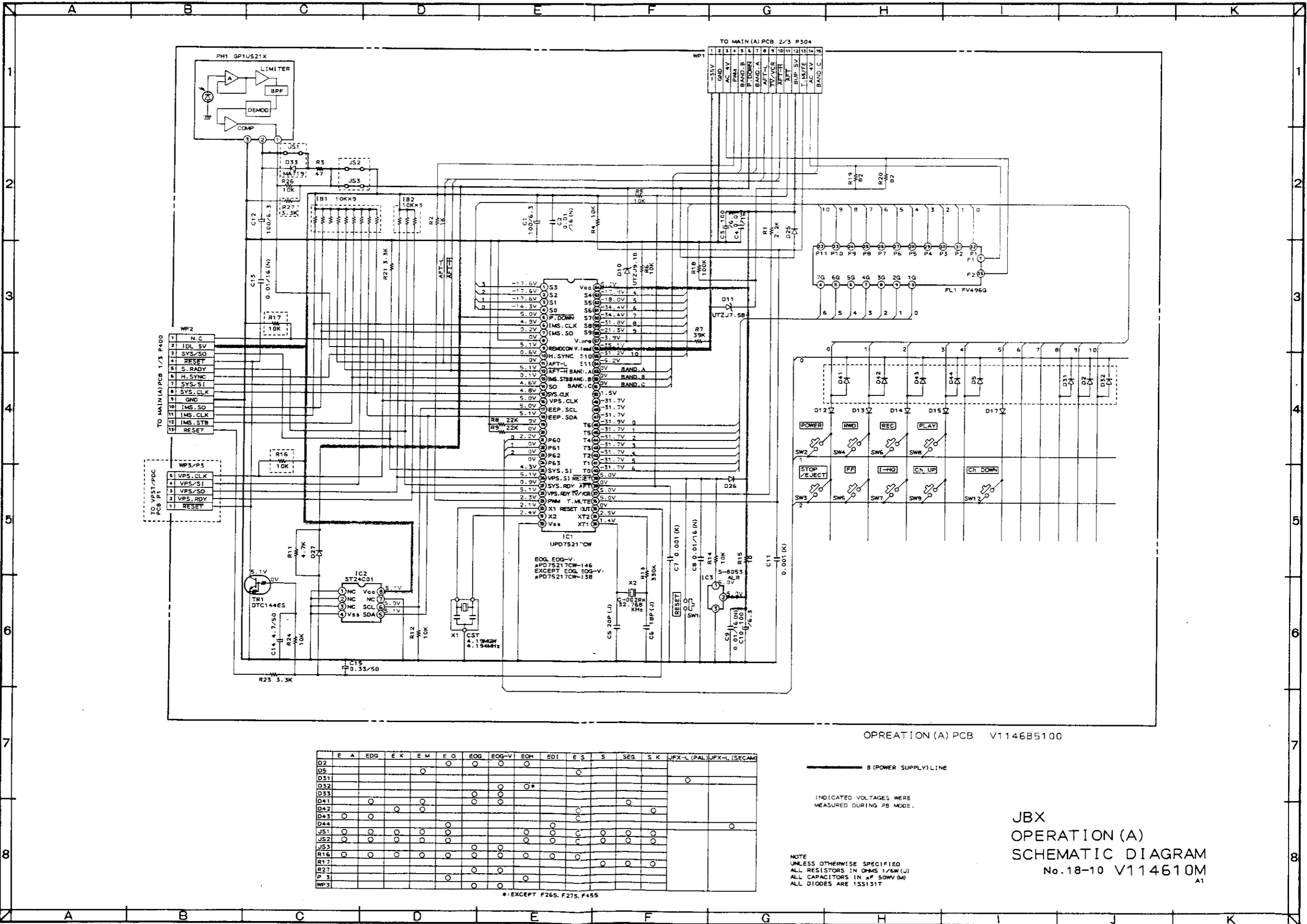
JBX
PRE AMP
SCHEMATIC DIAGRAM
No. 18-9 V114609M
A2

REC. C.	1
PB. C.	2
GND	3
NTSC	4
REC. Y	5
IDL. 5V	6
V. SWP	7
REC. S. 5	8
TUNE	9
ENV. DET.	10
PB. Y	11
SEC. MES	12



PRE AMP PCB VII30B5100

NOTE : PARTS DIFFER DEPENDING ON MODEL NUMBER.
REFER TO SCHEMATIC DIAGRAMS FOR PERTAINING
PARTS INFORMATION.



OPERATION (A) PCB V1146B5100

	E	A	EDG	E K	E M	E O	EOG	EOG-V	EOH	EDI	E S	S	SEG	S K	JFX-L (PAL)	JFX-L (SECAM)
D2																
D5																
D31																
D32																
D33																
D41																
D42																
D43																
D44																
J51																
J52																
J53																
R16																
R17																
R27																
P 3																
WP3																

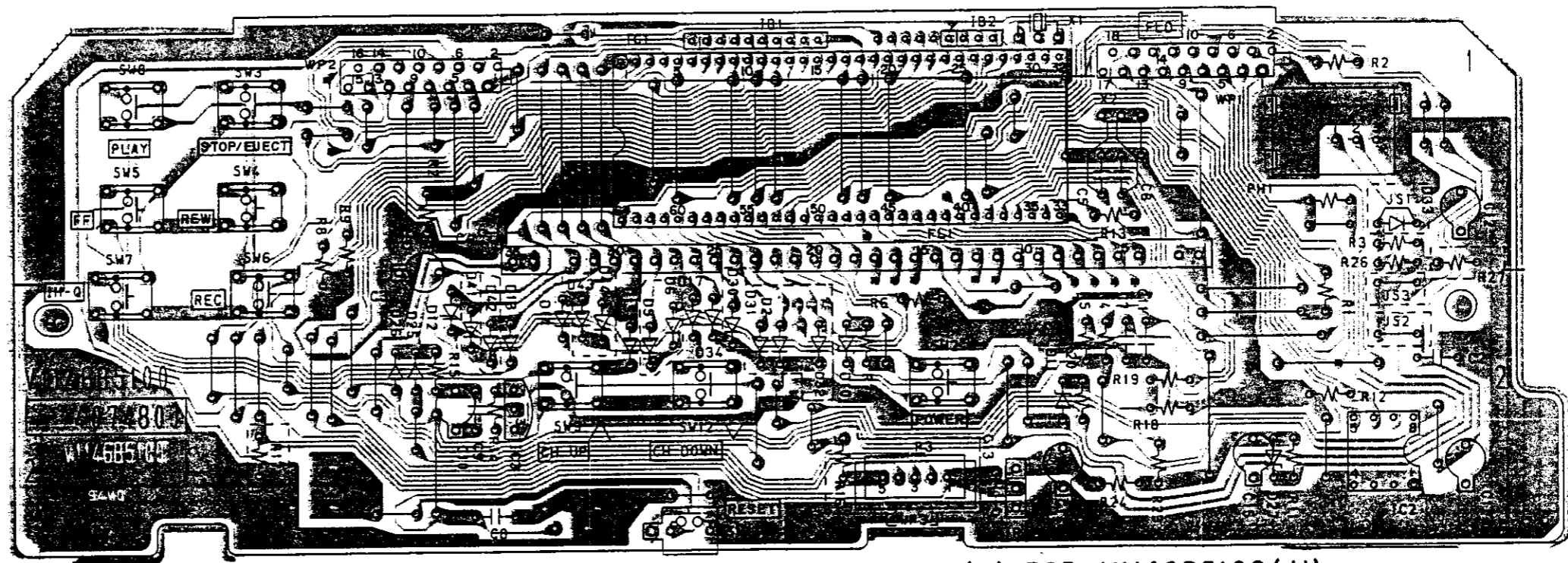
* EXCEPT F265, F275, F455

— B (POWER SUPPLY) LINE

INDICATED VOLTAGES WERE MEASURED DURING PB MODE.

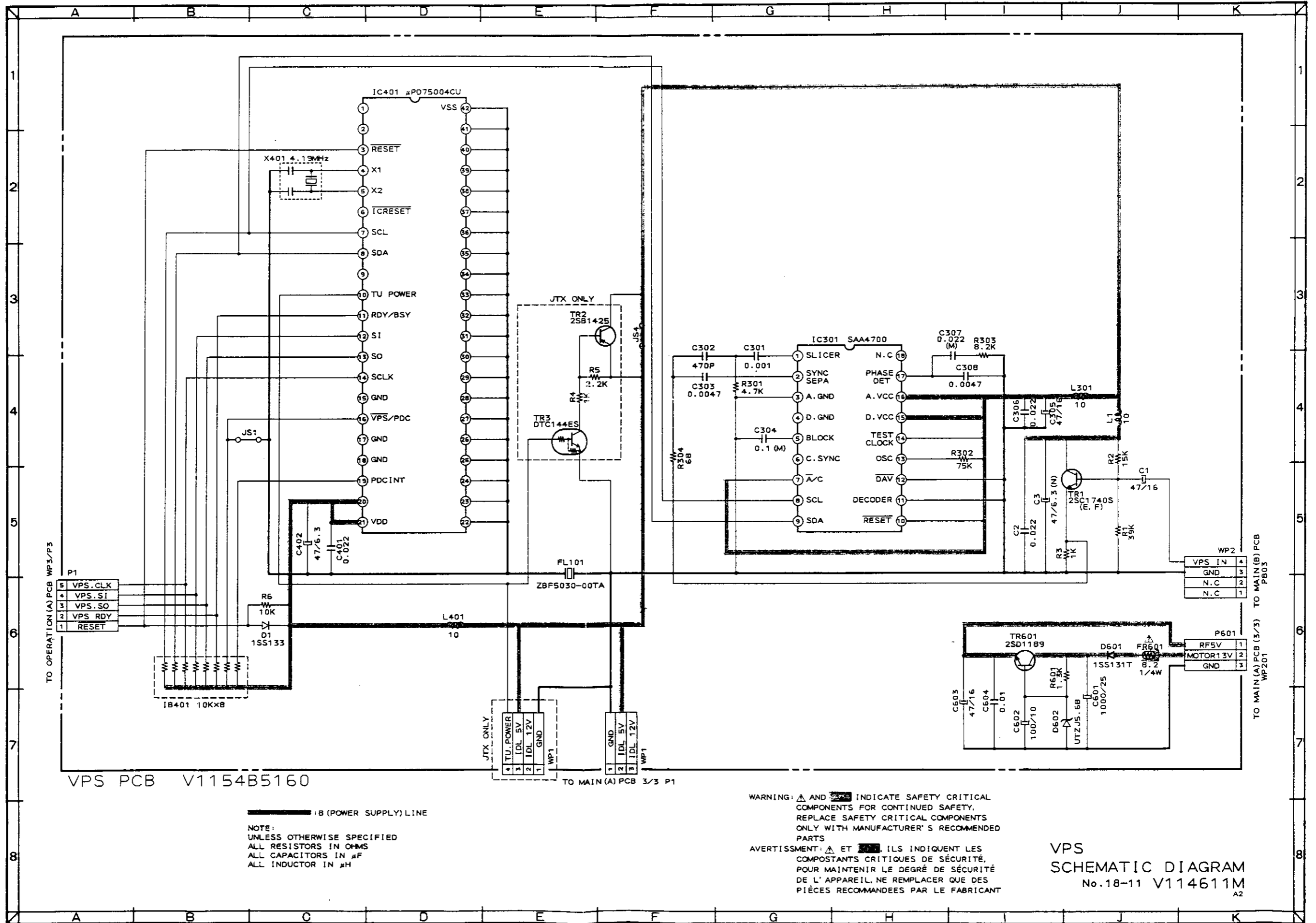
NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS (Ω) OR KΩ (K)
ALL CAPACITORS IN μF (μ) OR pF (P)
ALL DIODES ARE 1S5131T

JBX
OPERATION (A)
SCHEMATIC DIAGRAM
No.18-10 V114610M
A1



OPERATION(A) PCB VII46B5100(JI)

NOTE : PARTS DIFFER DEPENDING ON MODEL NUMBER.
REFER TO SCHEMATIC DIAGRAMS FOR PERTAINING
PARTS INFORMATION.



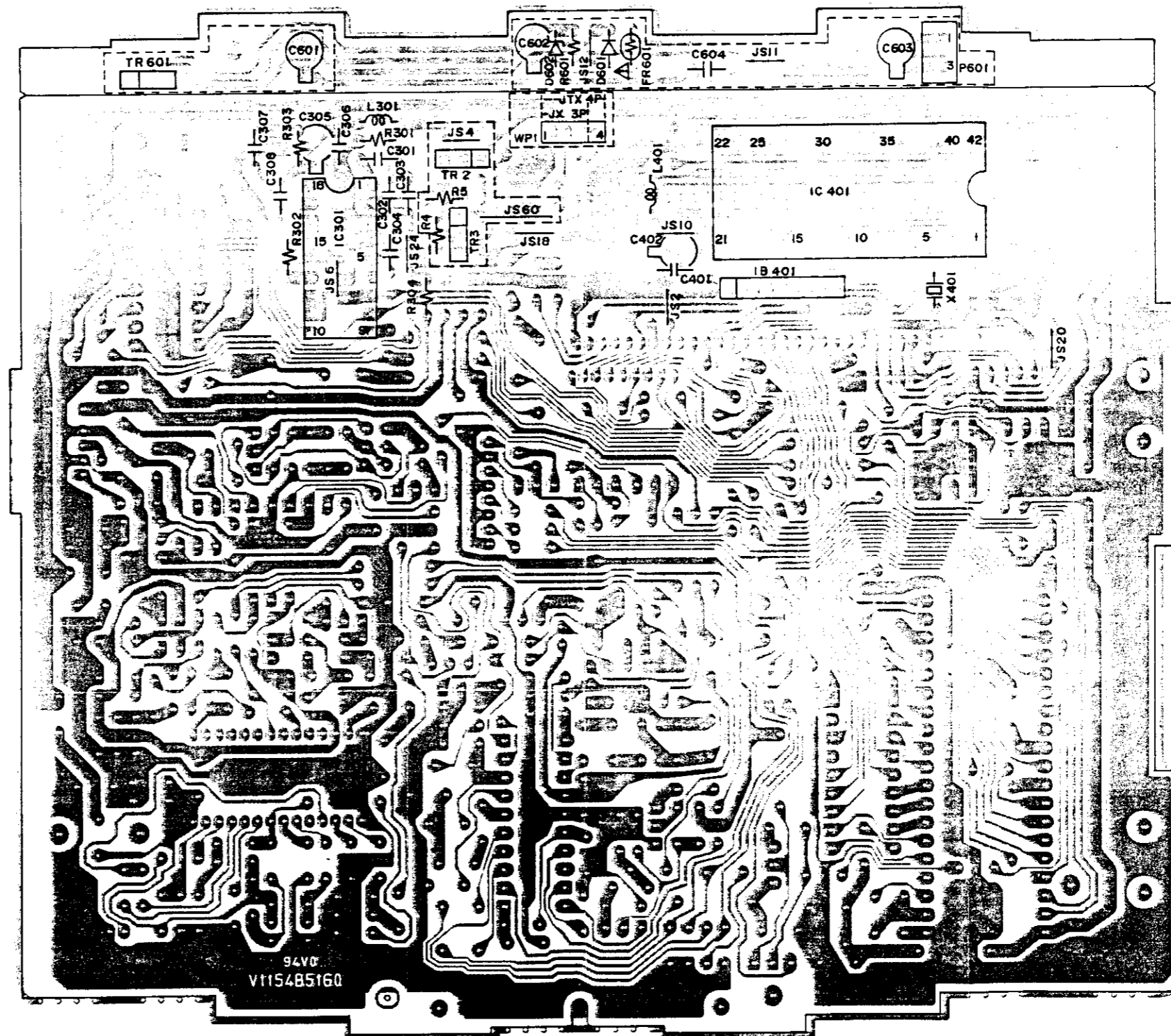
VPS PCB V1154B5160

NOTE:
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS
ALL CAPACITORS IN μF
ALL INDUCTOR IN μH

WARNING: ⚠ AND [REDACTED] INDICATE SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY. REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.

AVERTISSEMENT: ⚠ ET [REDACTED] ILS INDIQUENT LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

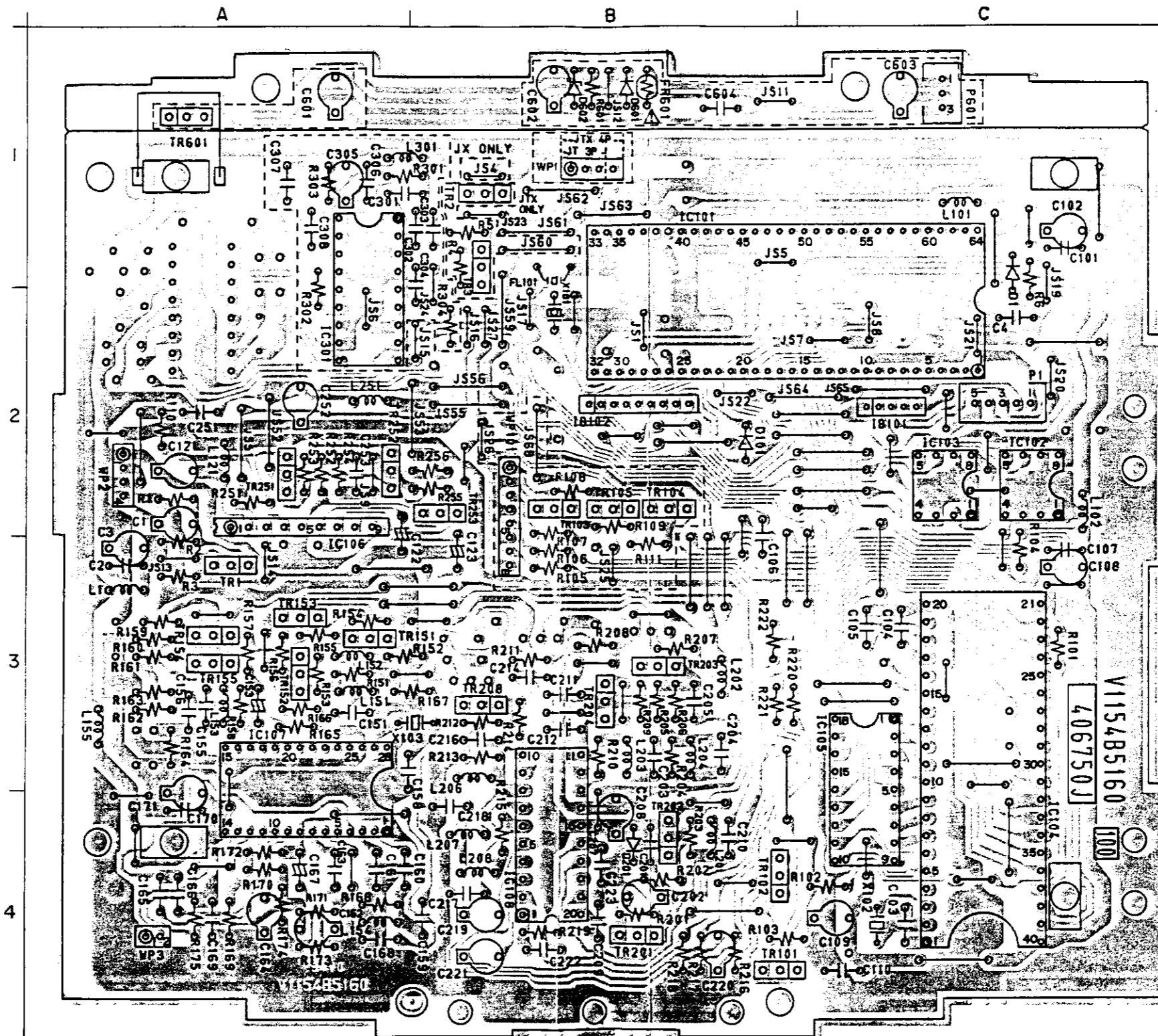
VPS
SCHEMATIC DIAGRAM
No. 18-11 V114611M
A2



VPS PCB VII54B5160

WARNING: ⚠ INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY.
 REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
 RECOMMENDED PARTS
 AVERTISSEMENT: ⚠ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ.
 POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL,
 NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

NOTE : PARTS DIFFER DEPENDING ON MODEL NUMBER.
 REFER TO SCHEMATIC DIAGRAMS FOR PERTAINING
 PARTS INFORMATION.



VPST / PDC PCB VII54B5160

PRINCIPAL PARTS LOCATION

ICS

IC101	.....	B,C1,2
IC102	.....	C2
IC103	.....	C2
IC104	.....	C3,4
IC105	.....	C3,4
IC106	.....	A2
IC107	.....	A3,4
IC108	.....	B3,4
IC301	.....	A1,2

CONNECTORS & WIRES

WP1	.....	B1
WP2	.....	A2
WP3	.....	A4
P1	.....	C2
P601	.....	C1

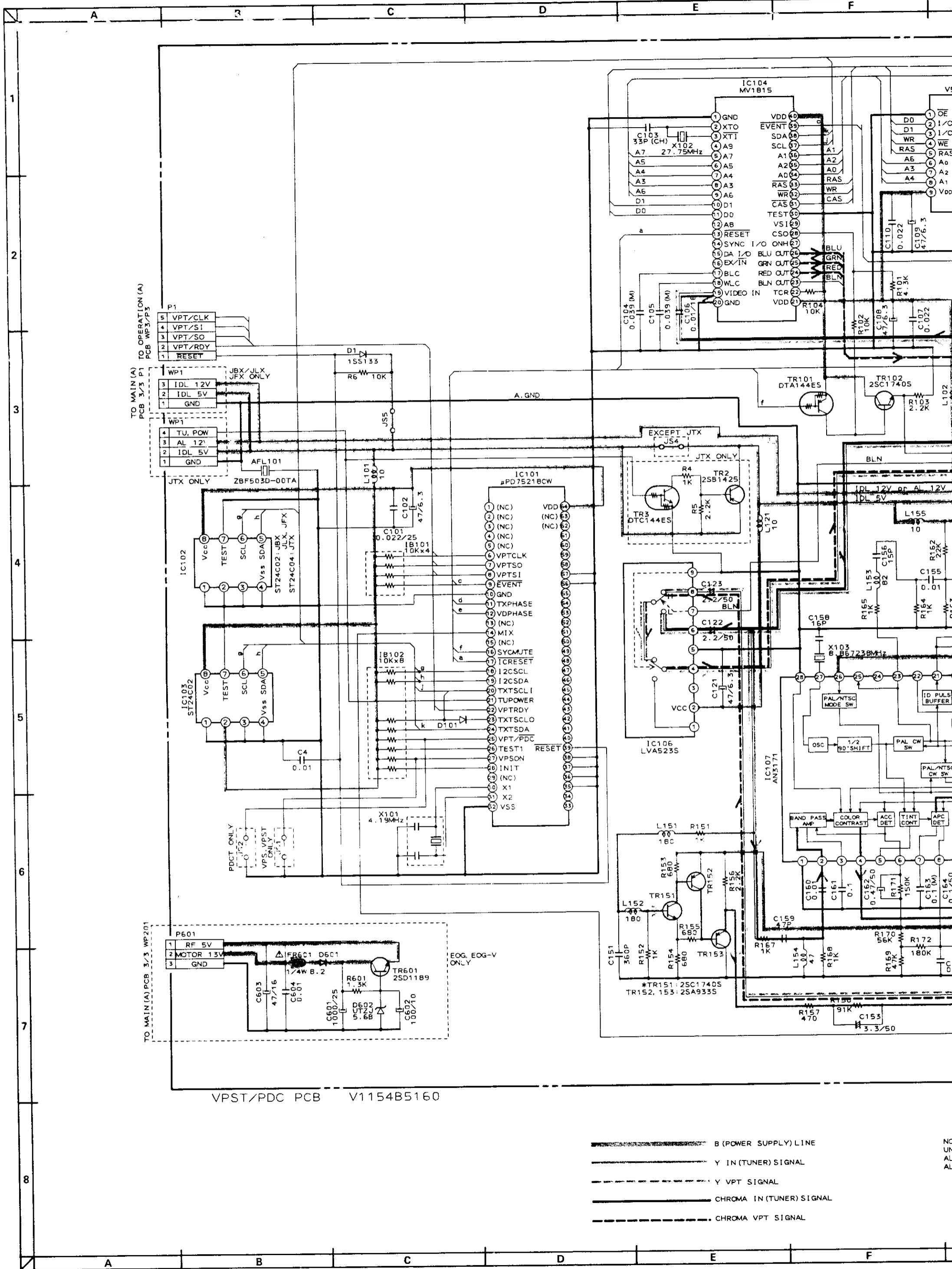
TRANSISTORS

TR1	.....	A3
TR101	.....	B4
TR102	.....	B4
TR151	.....	A3
TR152	.....	A3
TR153	.....	A3
TR154	.....	A3
TR155	.....	A3
TR201	.....	B4
TR202	.....	B4
TR203	.....	B3
TR204	.....	B3
TR208	.....	B3
TR251	.....	A2
TR252	.....	A2
TR253	.....	B2

WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY. REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS

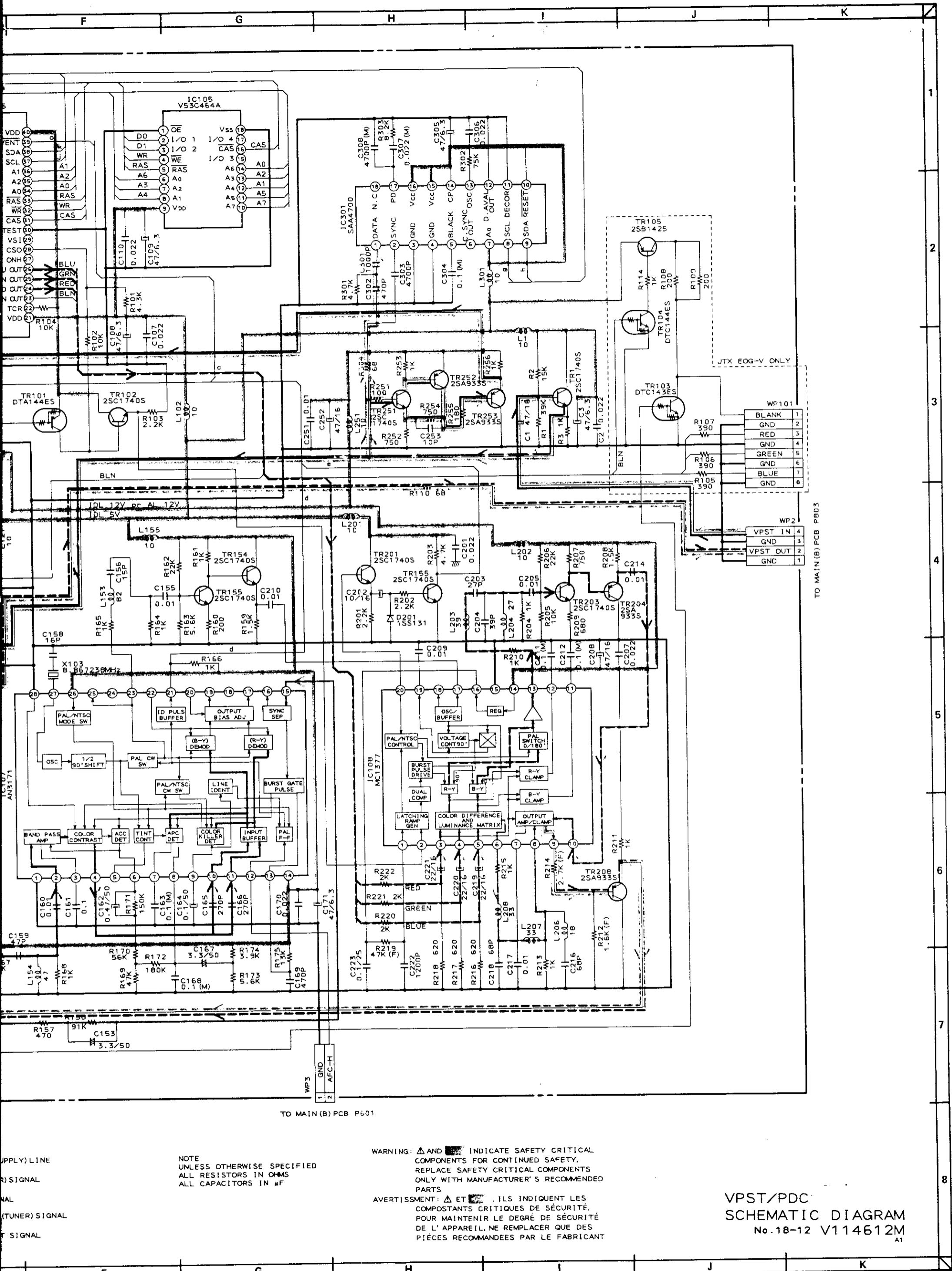
AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

NOTE : PARTS DIFFER DEPENDING ON MODEL NUMBER. REFER TO SCHEMATIC DIAGRAMS FOR PERTAINING PARTS INFORMATION.



VPST/PDC PCB V1154B5160

- B (POWER SUPPLY) LINE
- Y IN (TUNER) SIGNAL
- Y VPT SIGNAL
- CHROMA IN (TUNER) SIGNAL
- CHROMA VPT SIGNAL



(TUNER) SIGNAL
 (TUNER) SIGNAL
 (TUNER) SIGNAL
 (TUNER) SIGNAL

NOTE
 UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS IN OHMS
 ALL CAPACITORS IN μ F

WARNING: Δ AND \blacksquare INDICATE SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY. REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.
 AVERTISSEMENT: Δ ET \blacksquare ILS INDIQUENT LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACEZ QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

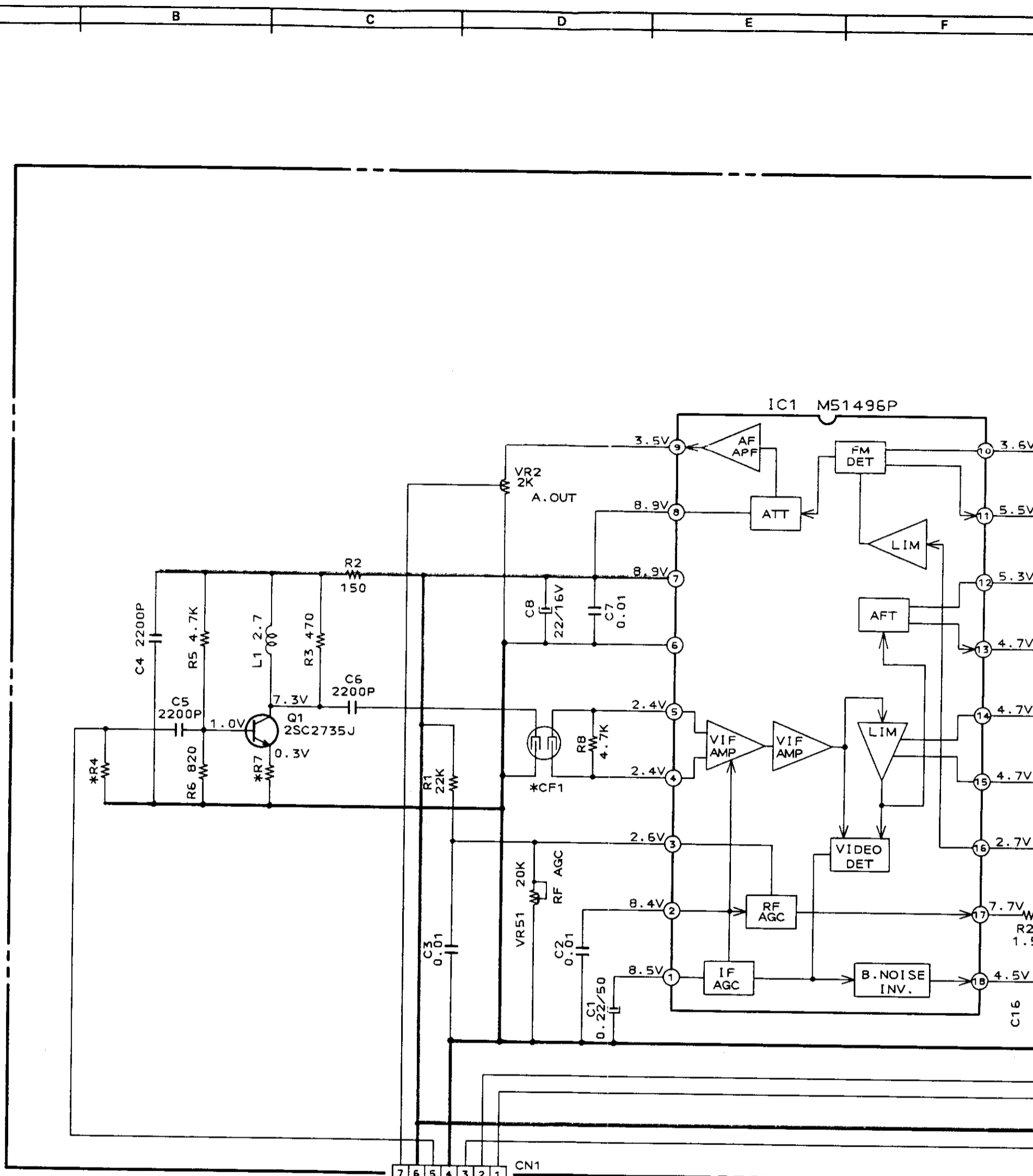
VPST/PDC
 SCHEMATIC DIAGRAM
 No.18-12 V114612M
 A1

TO MAIN (B) PCB P501

TO MAIN (B) PCB P503

JTX EOG-V ONLY

1
2
3
4
5
6
7
8
29



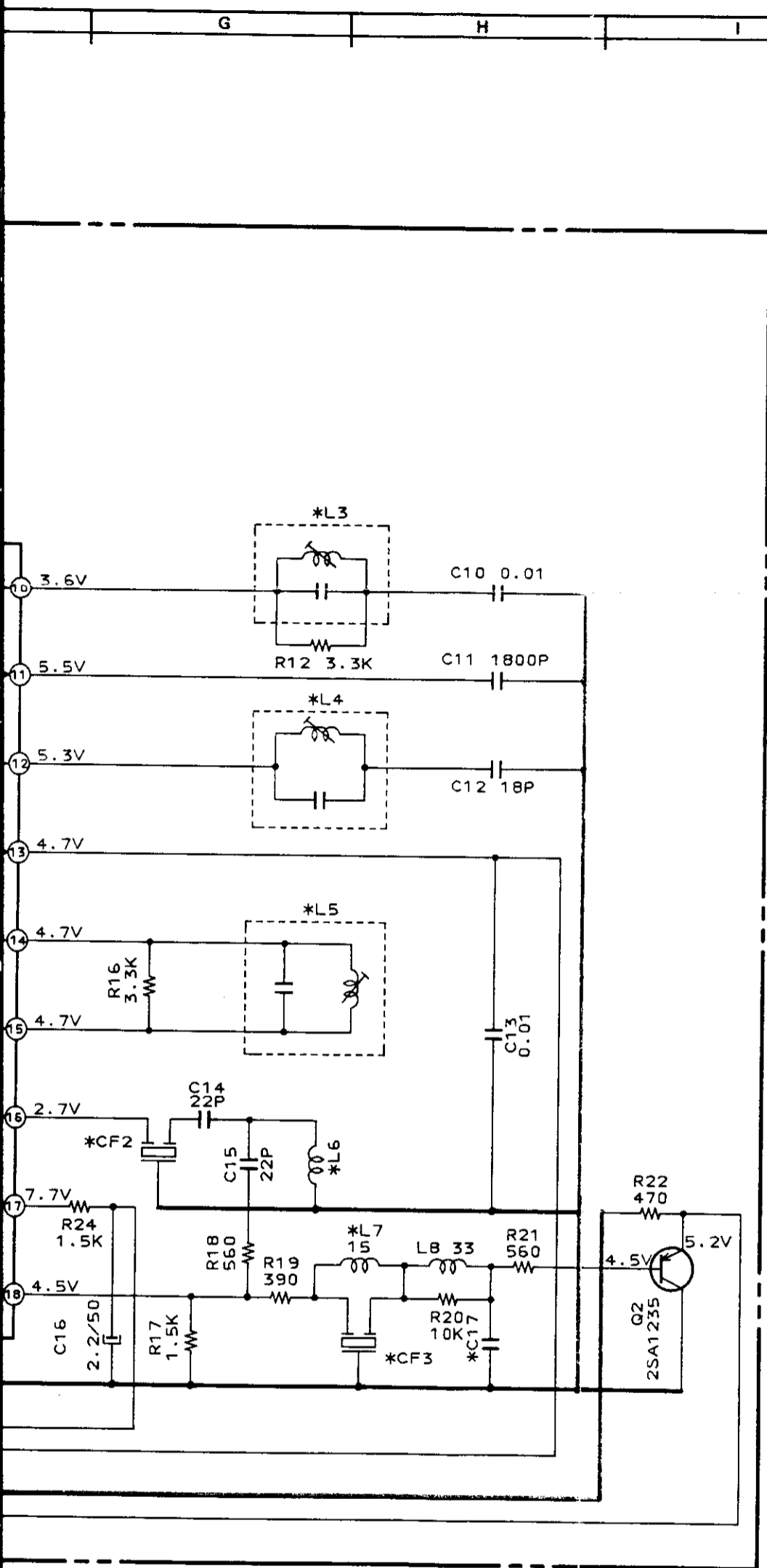
7 6 5 4 3 2 1
 CN1
 AUDIO OUT
 VCC (+9V)
 IF IN
 GND
 VIDEO OUT
 RF AGC OUT
 AFT OUT

VIF UNIT 6C02415A1

— B (POWER SUPPLY) LINE

INDICATED VOLTAGES WERE MEASURED DURING E-E (STOP) MODE.

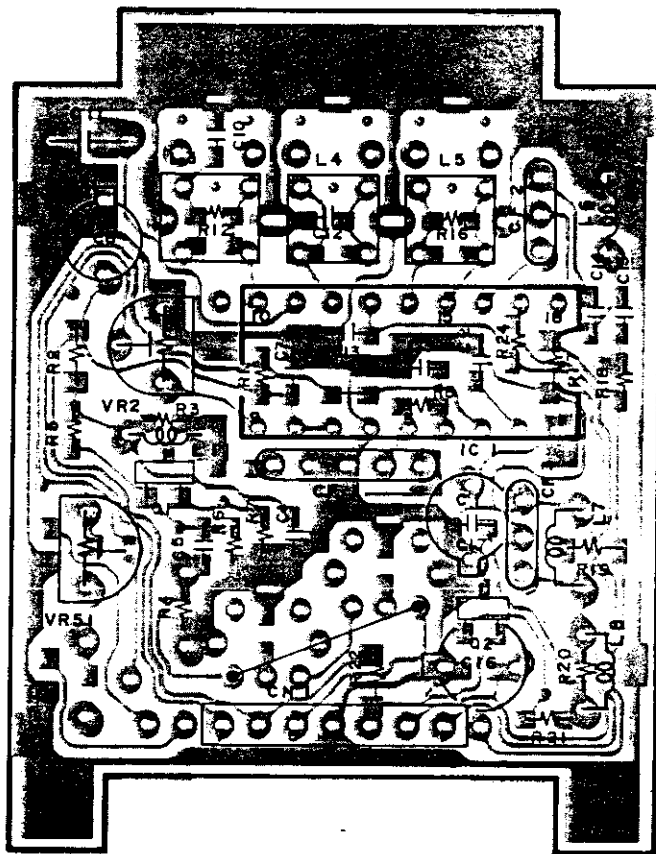
NOTE
 UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS IN OHMS
 ALL CAPACITORS IN μF
 ALL INDUCTORS IN μH(K)



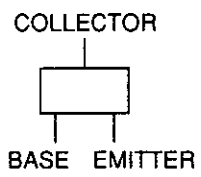
*	EOH	EA	ES
CF1	SAF38.9 MZ70Z	SAF36.9 MZ70Z	SAF38.9 MZ70Z
CF2	SFE 5.5MBF	←	SFE 6.0MBF
CF3	TPS 5.5MW	←	TPS 6.0MB2
L 3	6F16263 A2	←	6F16263 A3
L 4	6F16215 MZ70Z	6F16115 B3	6F16215 A1
L 5	6F16346 A1	6F16113 A1	6F16346 A1
L 6	18μ	←	15μ
L 7	15μ	18μ	15μ
R 4	100	150	100
R 7	22	←	←
R16	—	10K	10K
C17	CH12P	←	CH15P

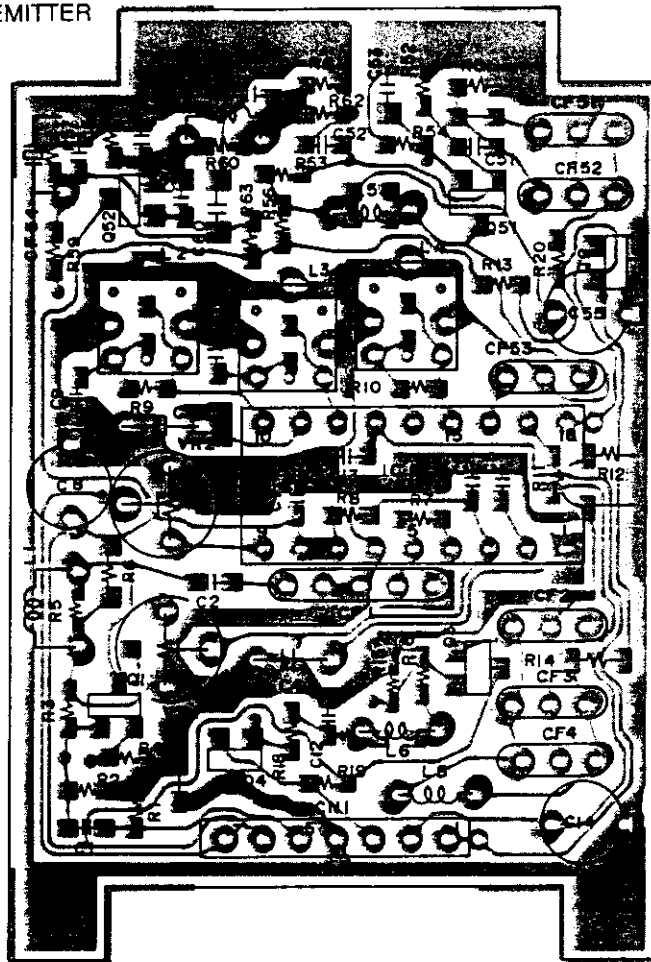
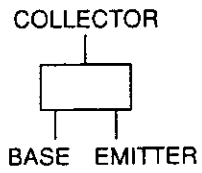
	EK	EM
CF1	SAF39.5 MZ70Z	SAF38.9 MZ70Z
CF2	SFE6.0MBF	SFE5.5MBF
CF3	TPS6.0MB2	TPS5.5MB2
L 3	6F16263A3	6F16263A2
L 4	6F16215A1	6F16215 MZ70Z
L 5	6F16346A1	6F16346A1
L 6	15μ	18μ
L 7	15μ	18μ
R 4	180	100
R 7	15	22
R16	10K	10K
C17	CH15P	CH12P

EA/EK/EM/EOH/ES MODELS
VIF UNIT
SCHEMATIC DIAGRAM
No. 18-13 V114613M
A2

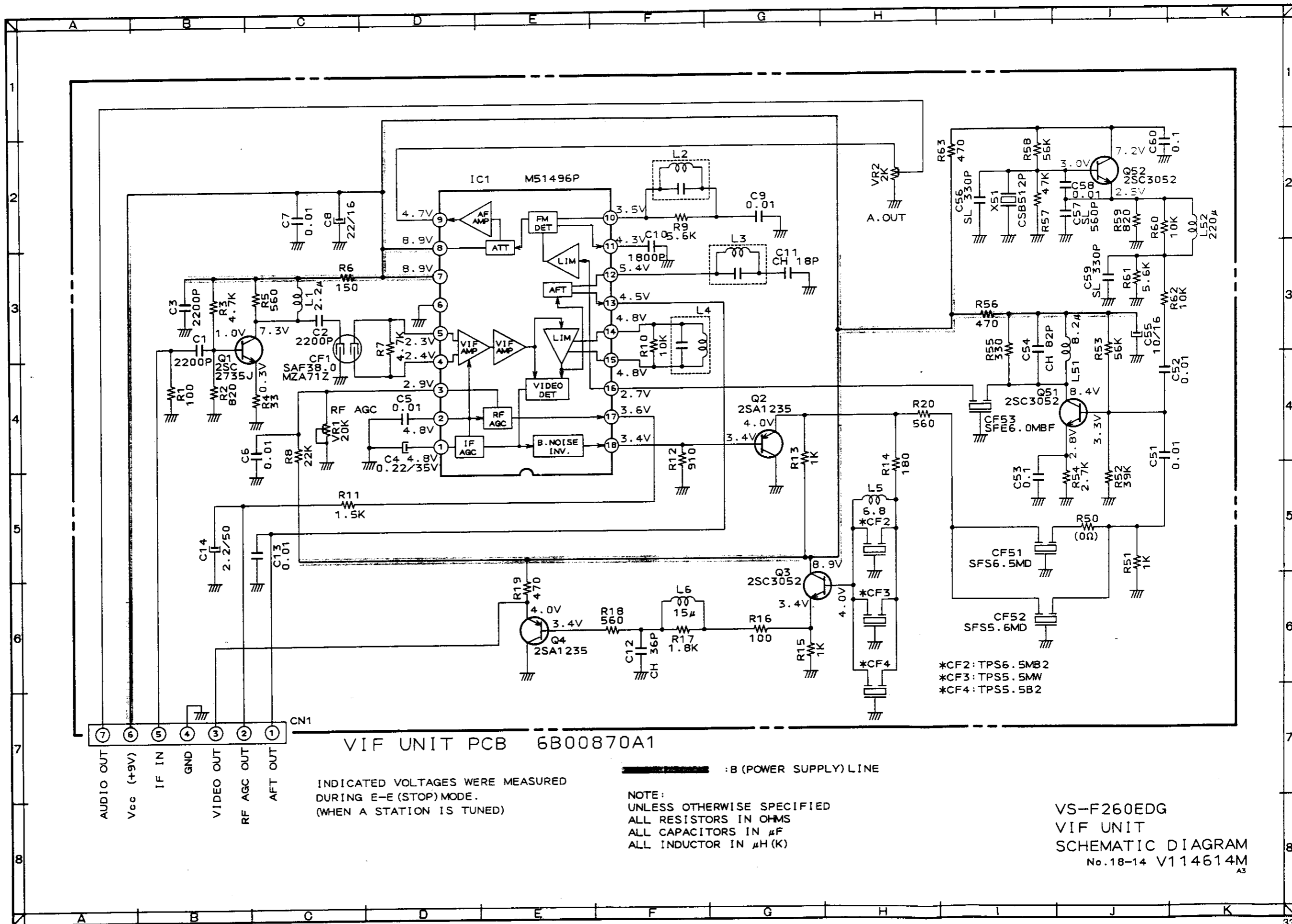


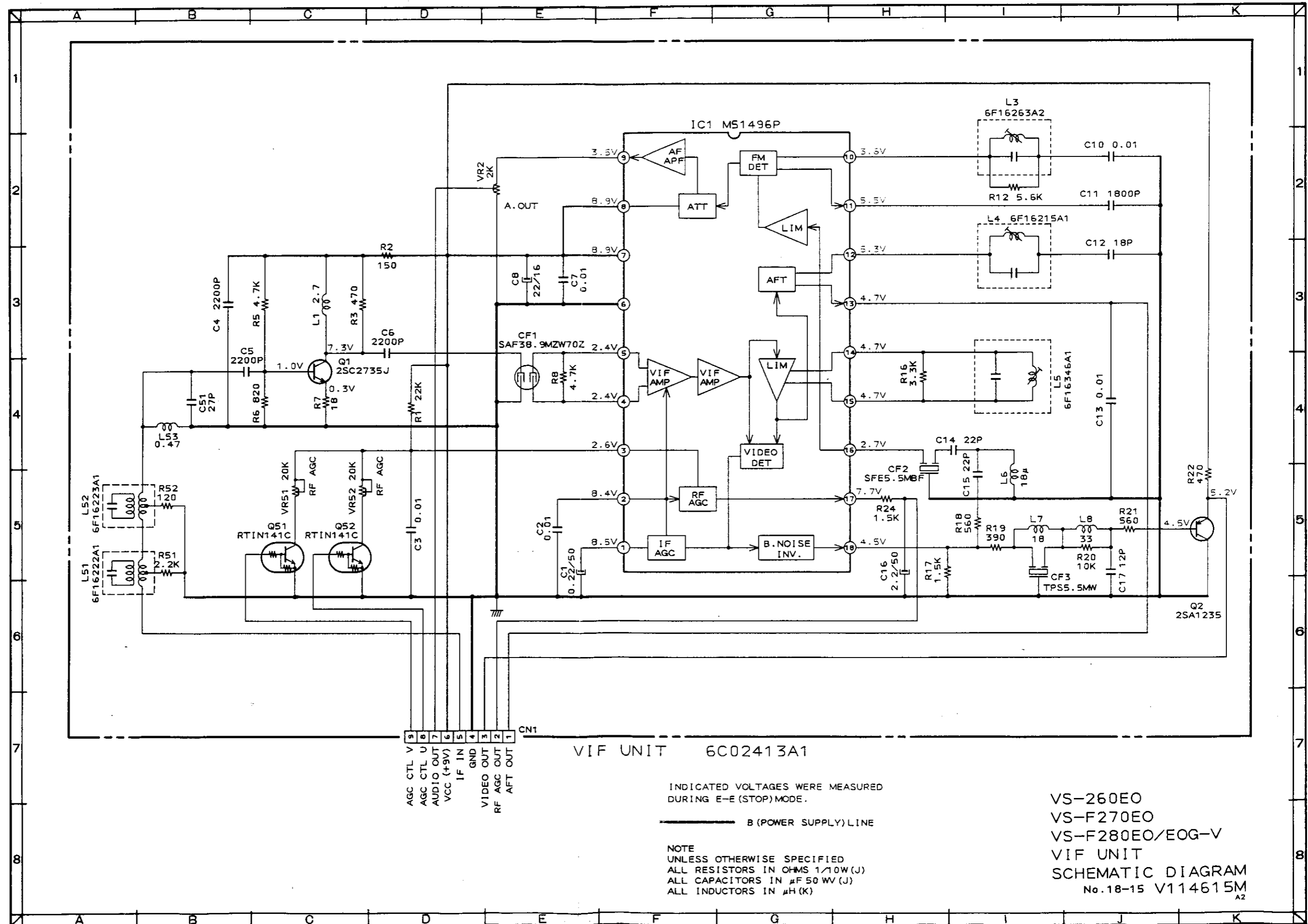
VIF UNIT 6C02415A1
(EA.EK.EM.EOH.ES ONLY)

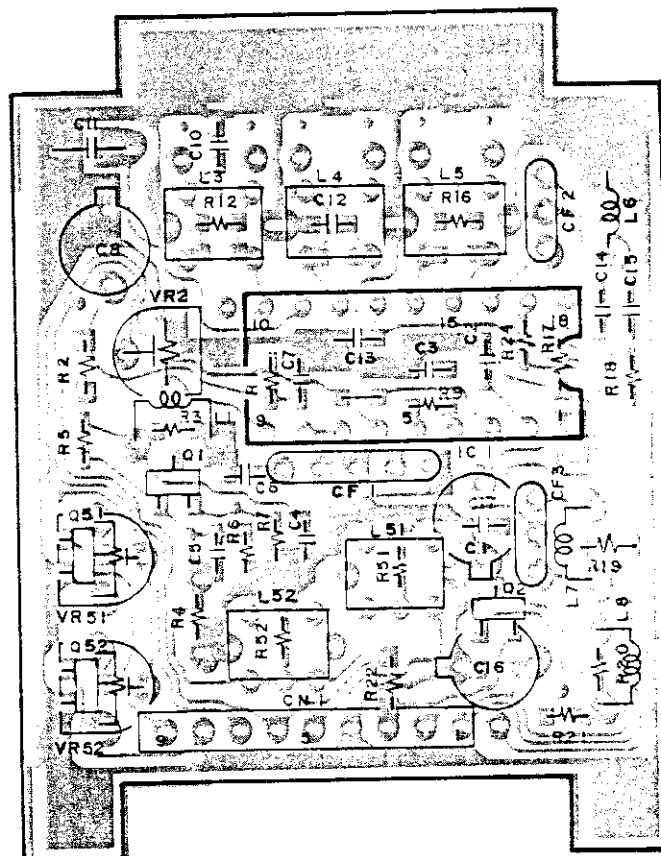
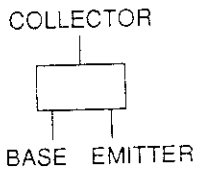




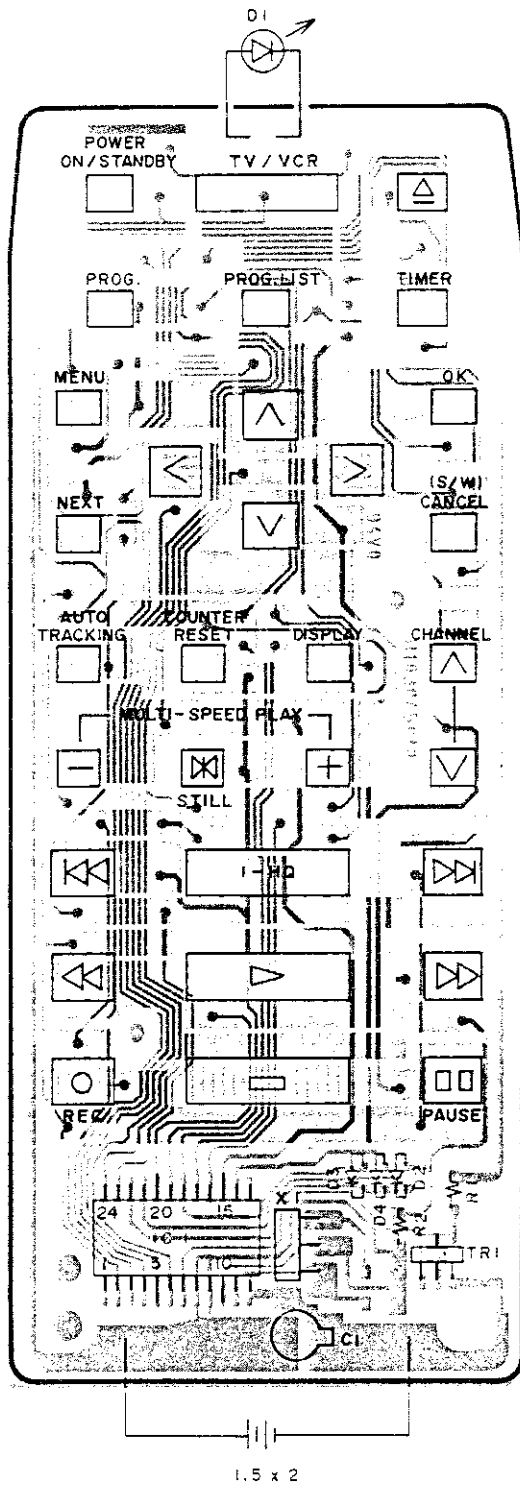
VIF UNIT 6B00870A1
(EDG ONLY)



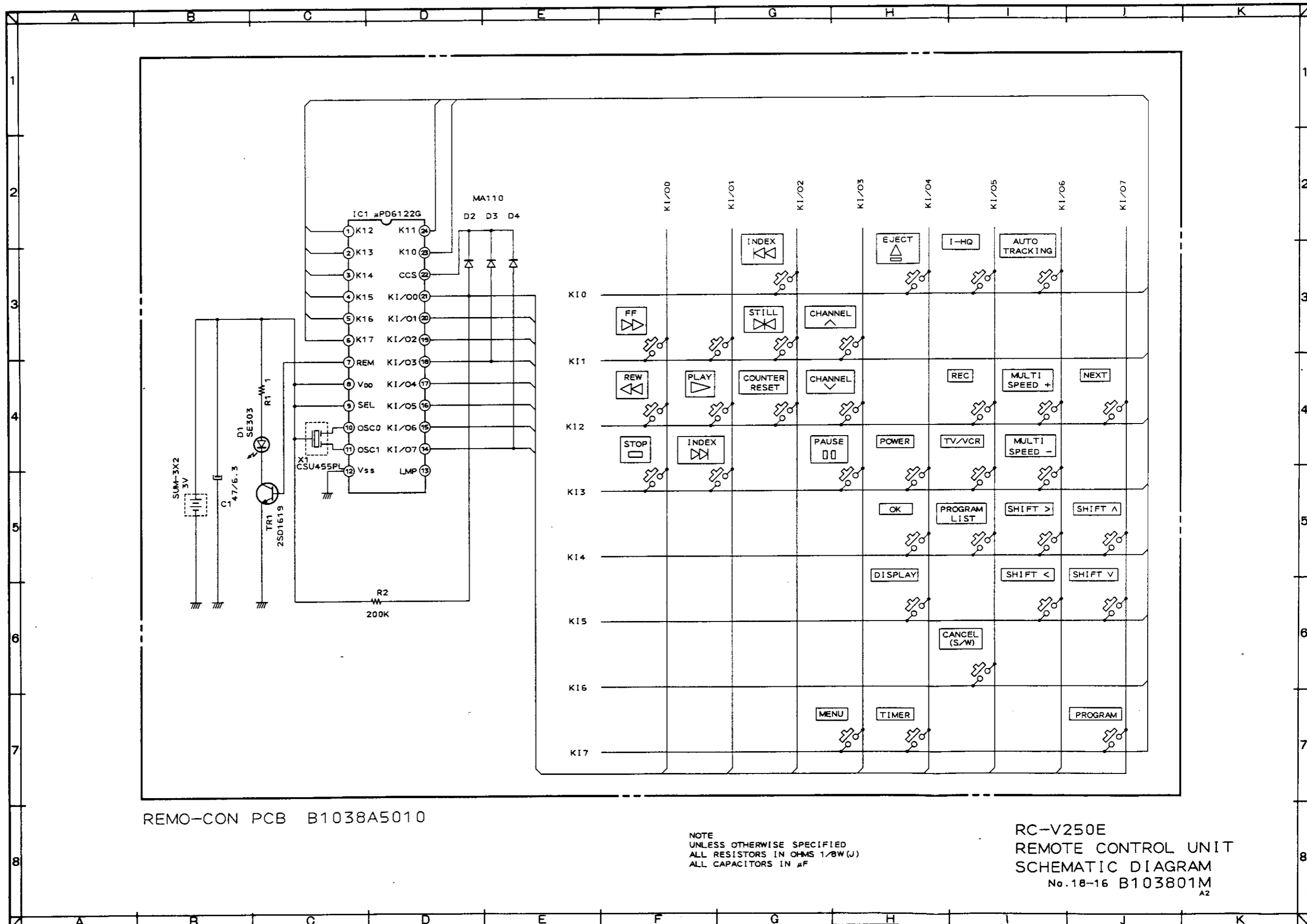




VIF UNIT 6C02413A1
(EO, EOG, EOG-V ONLY)



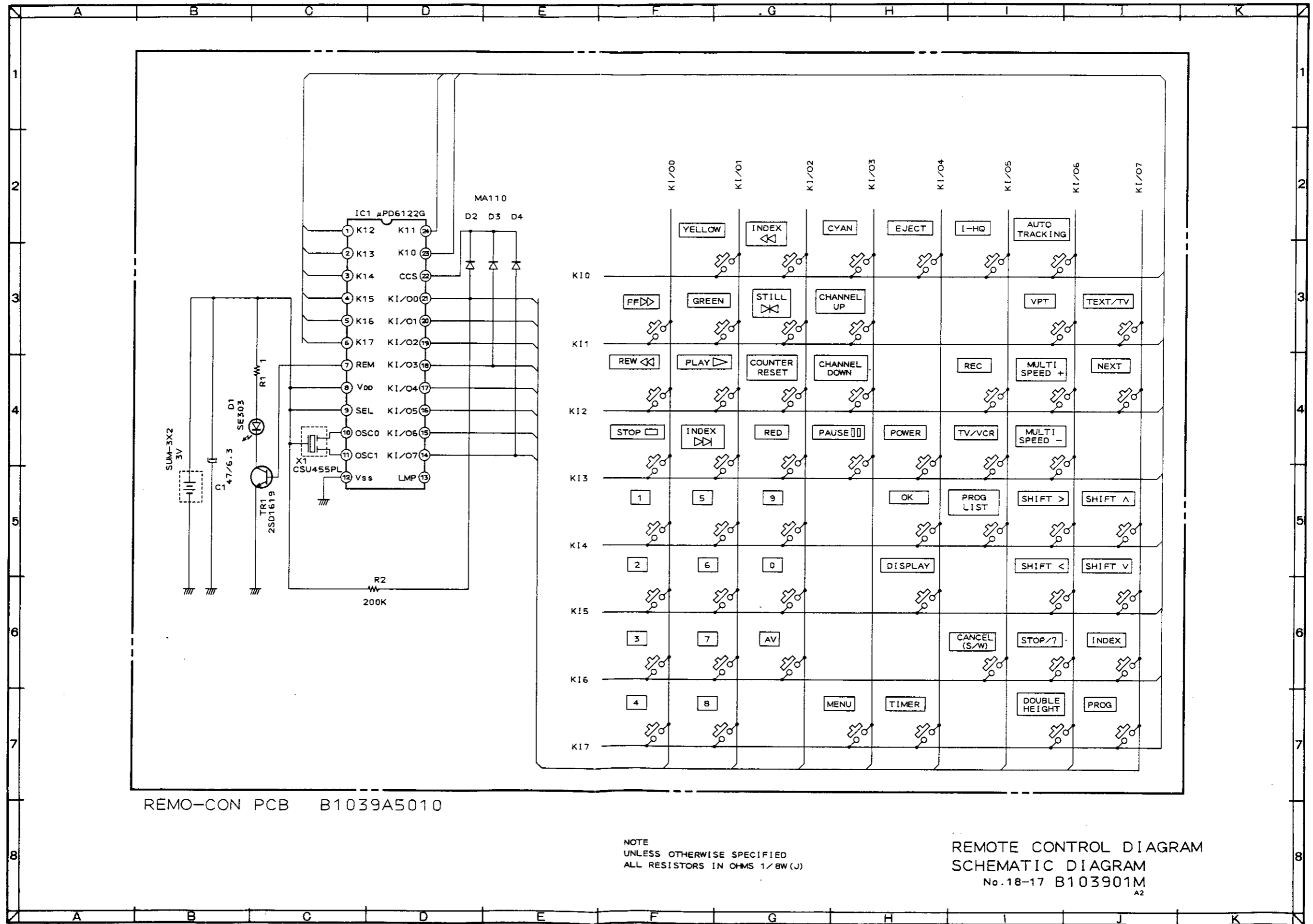
REMO-CON PCB BI038A5010

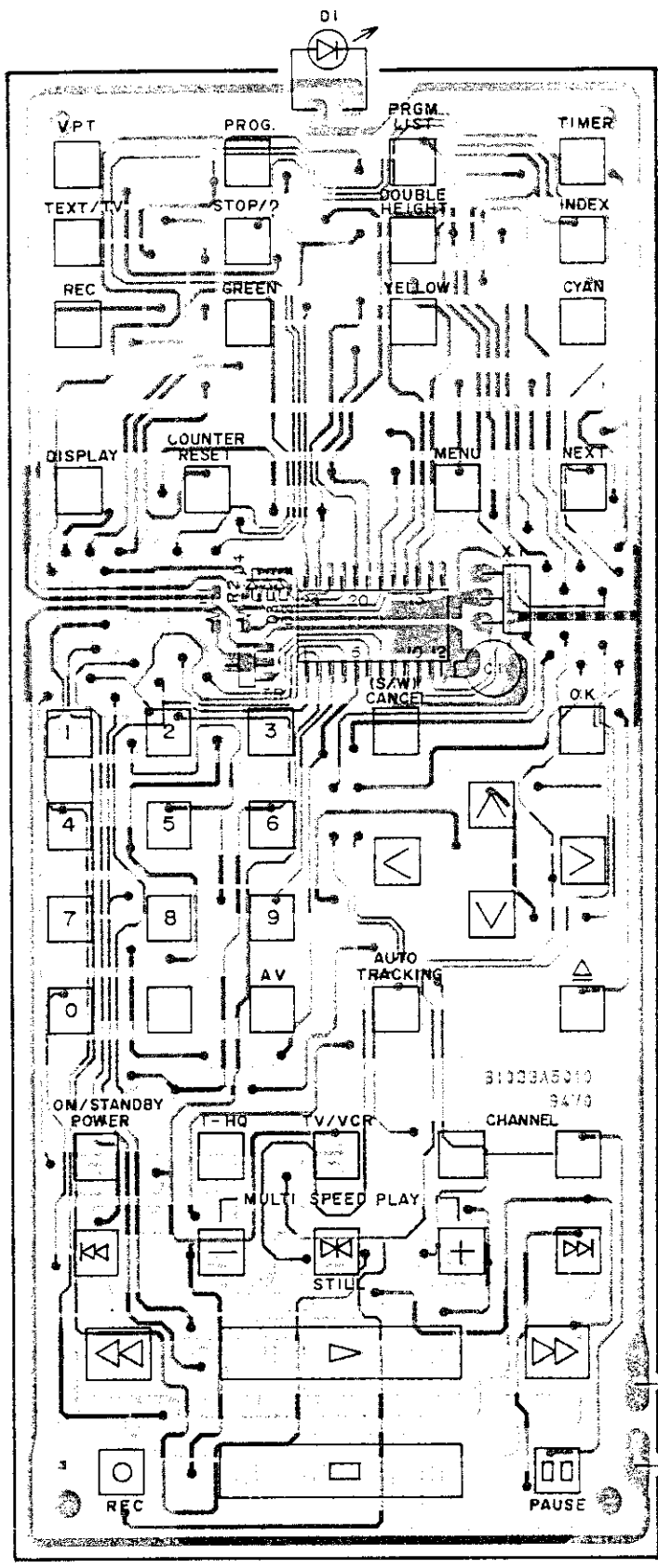


REMO-CON PCB B1038A5010

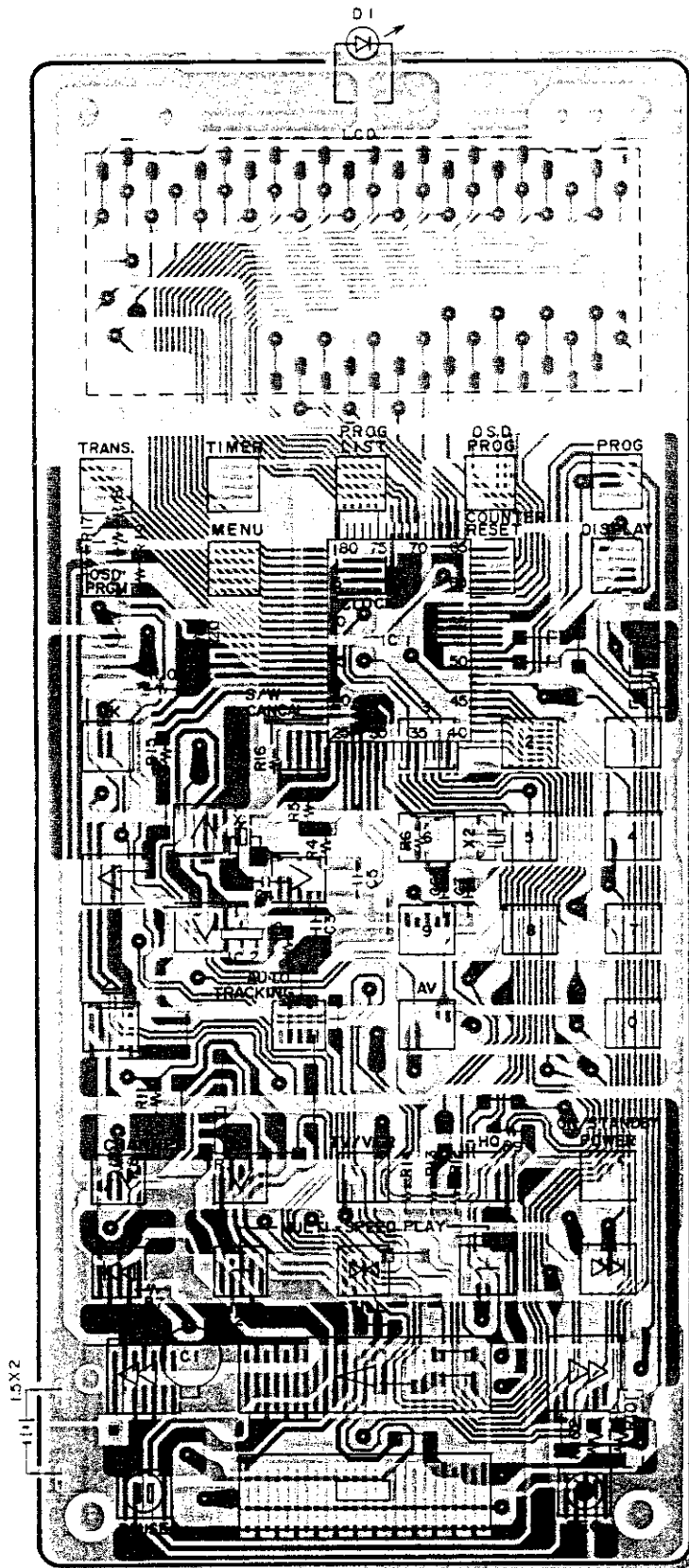
NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/BW(J)
ALL CAPACITORS IN μF

RC-V250E
REMOTE CONTROL UNIT
SCHEMATIC DIAGRAM
No. 18-16 B103801M
A2



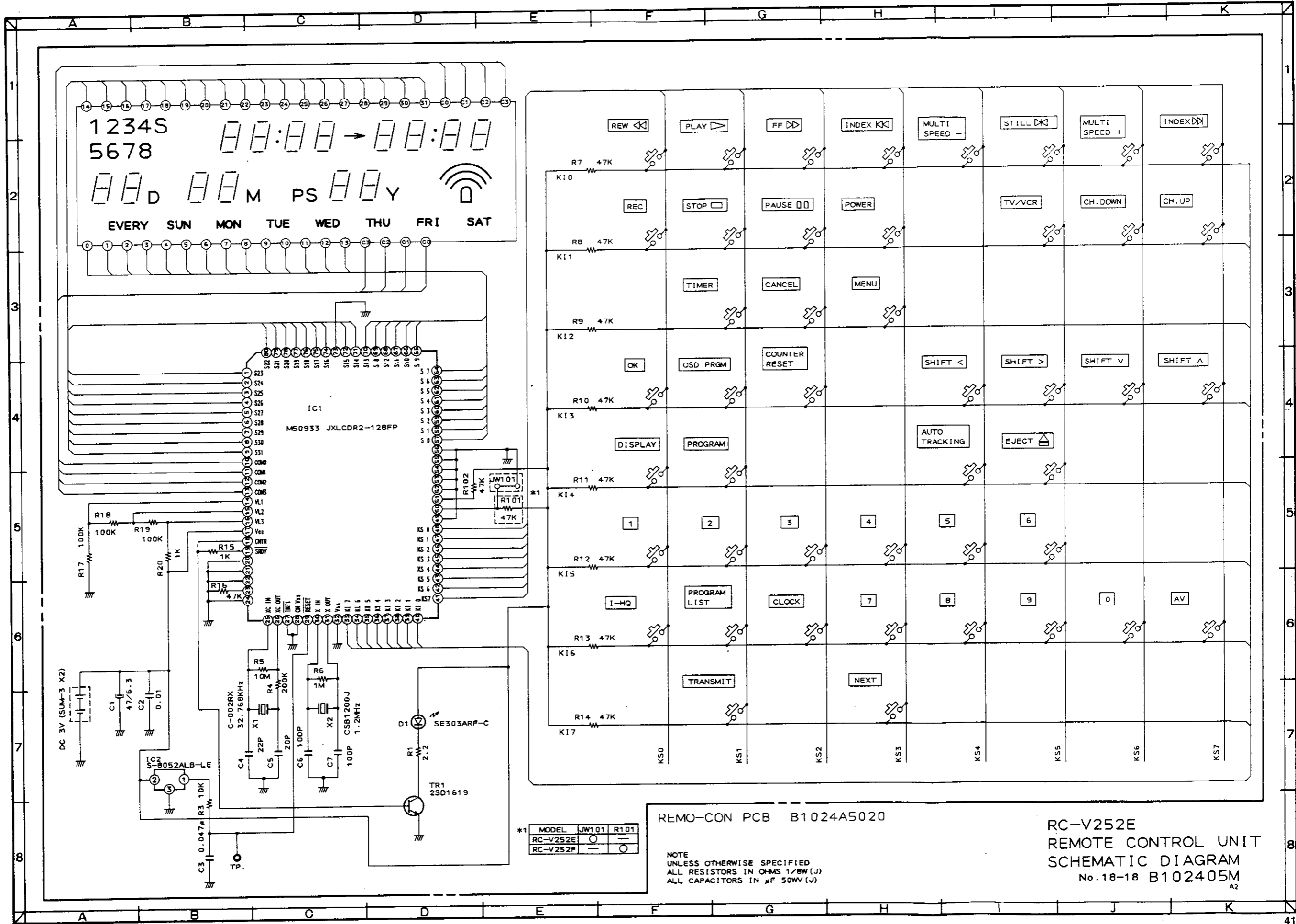


REMO-CON PCB BI039A5010



REMO - CON PCB BI024A5020J2

NOTE : PARTS DIFFER DEPENDING ON MODEL NUMBER.
REFER TO SCHEMATIC DIAGRAMS FOR PERTAINING
PARTS INFORMATION.



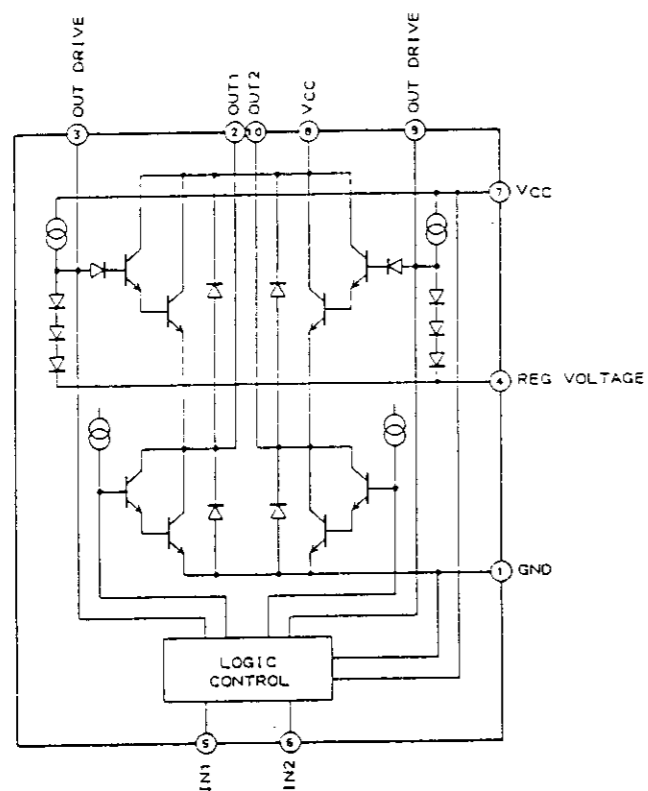
*1	MODEL	JW101	R101
	RC-V252E	○	—
	RC-V252F	—	○

REMO-CON PCB B1024A5020

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/8W(J)
ALL CAPACITORS IN μF 50WV(J)

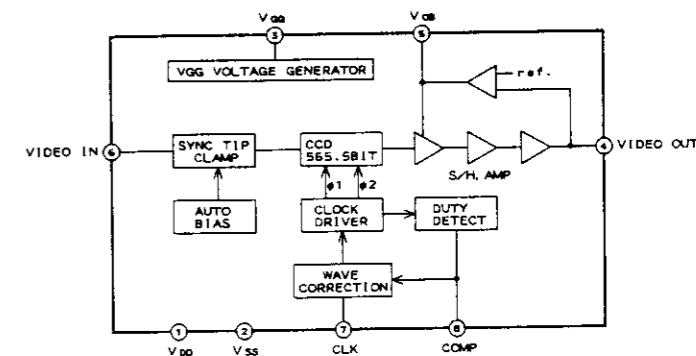
RC-V252E
REMOTE CONTROL UNIT
SCHEMATIC DIAGRAM
No. 18-18 B102405M
A2

BA6229 (BI-DIRECTIONAL MOTOR DRIVE)

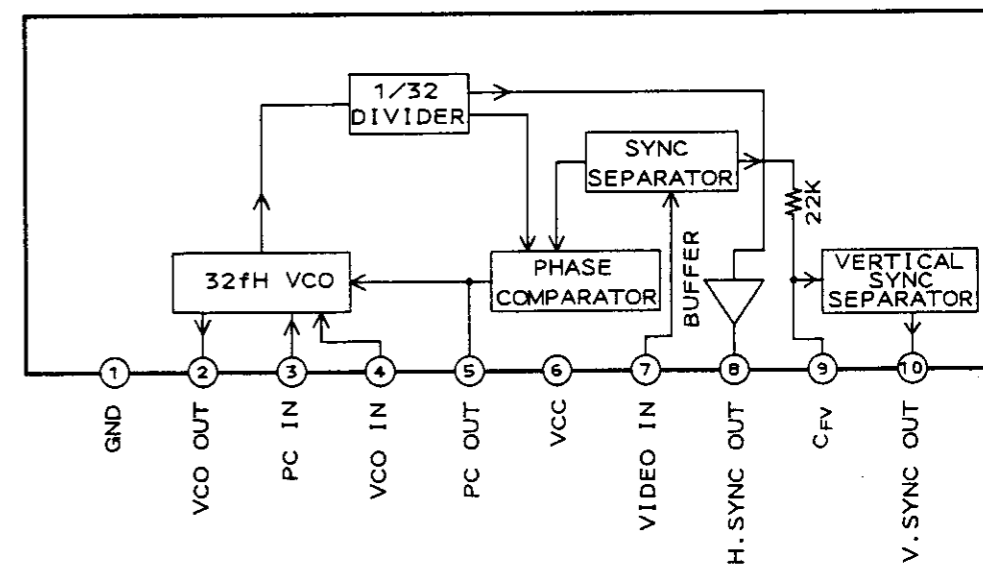


INPUT		OUTPUT		MODE
⑤	④	②	⑩	
H	H	L	L	BRAKE
L	H	L	H	CASSETTE & TAPE LOADING
H	L	H	L	CASSETTE & TAPE UNLOADING
L	L	OPEN	OPEN	STOP

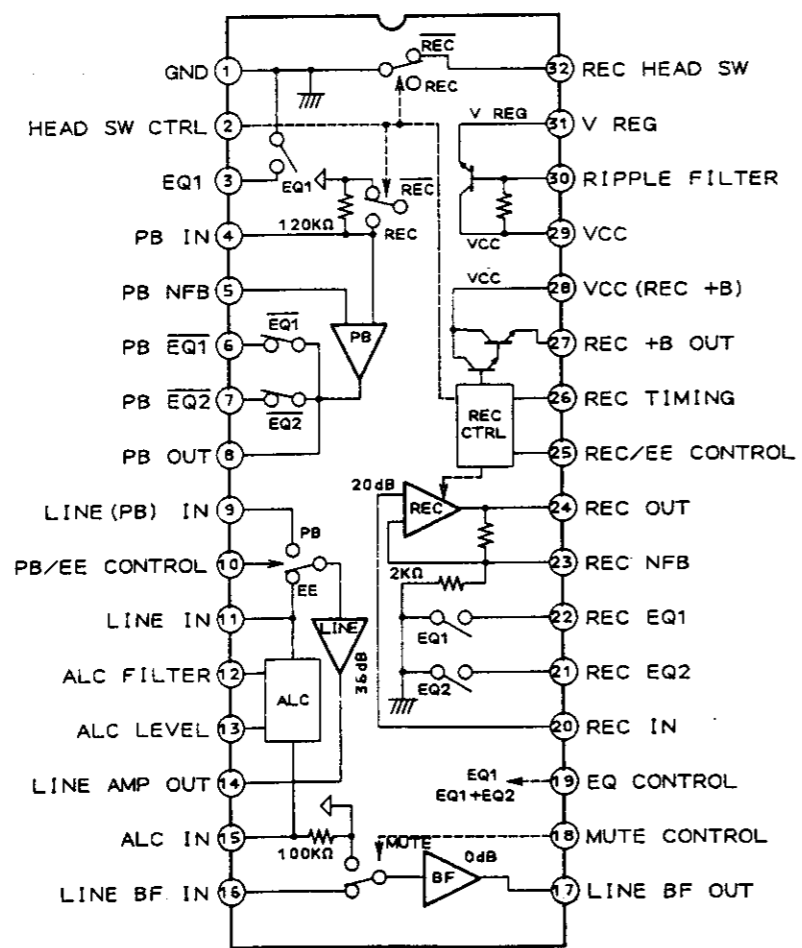
LC8992 (CCD 1H DELAY LINE)



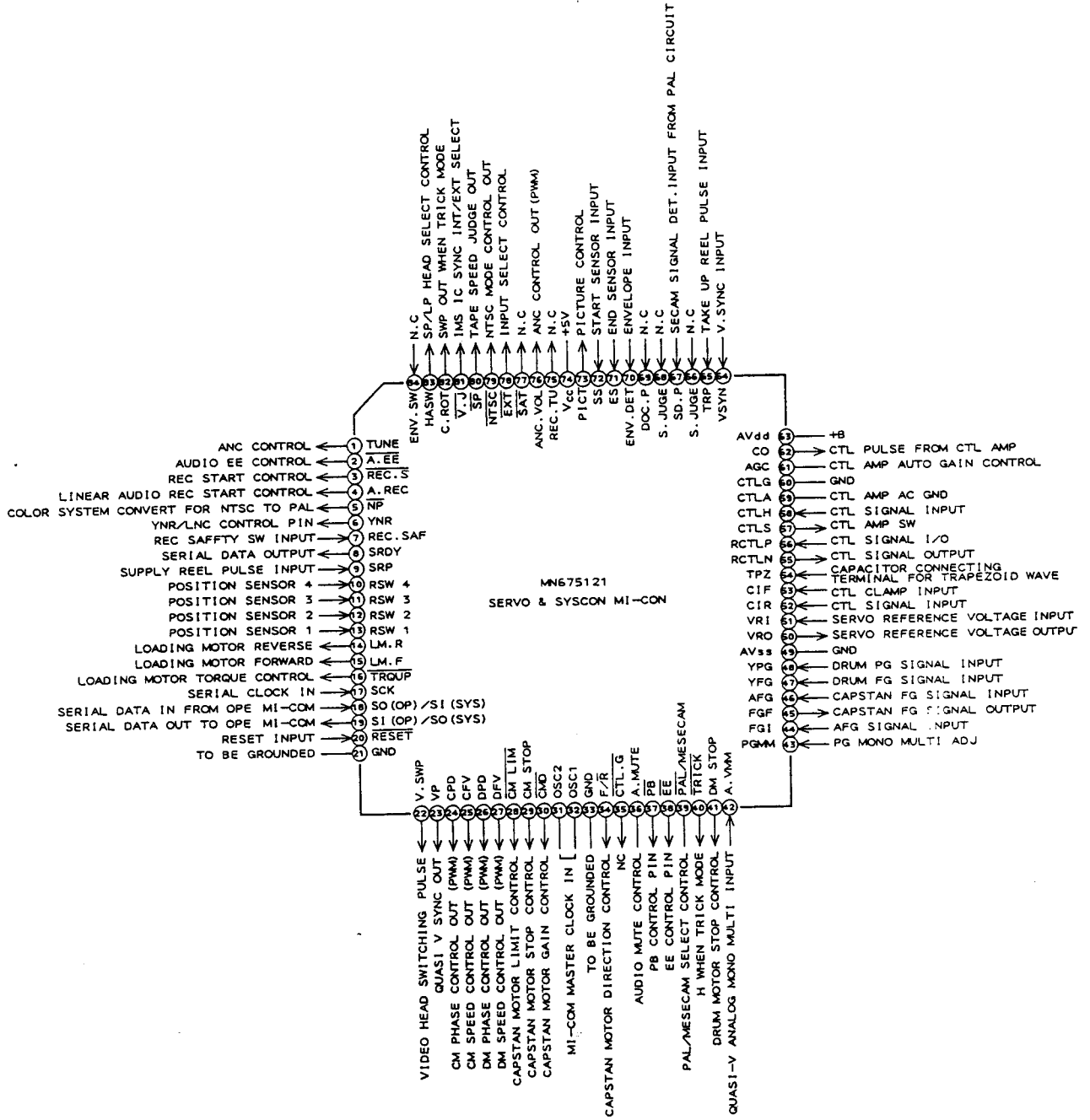
MM1068XS (SYNC SEPARATOR)



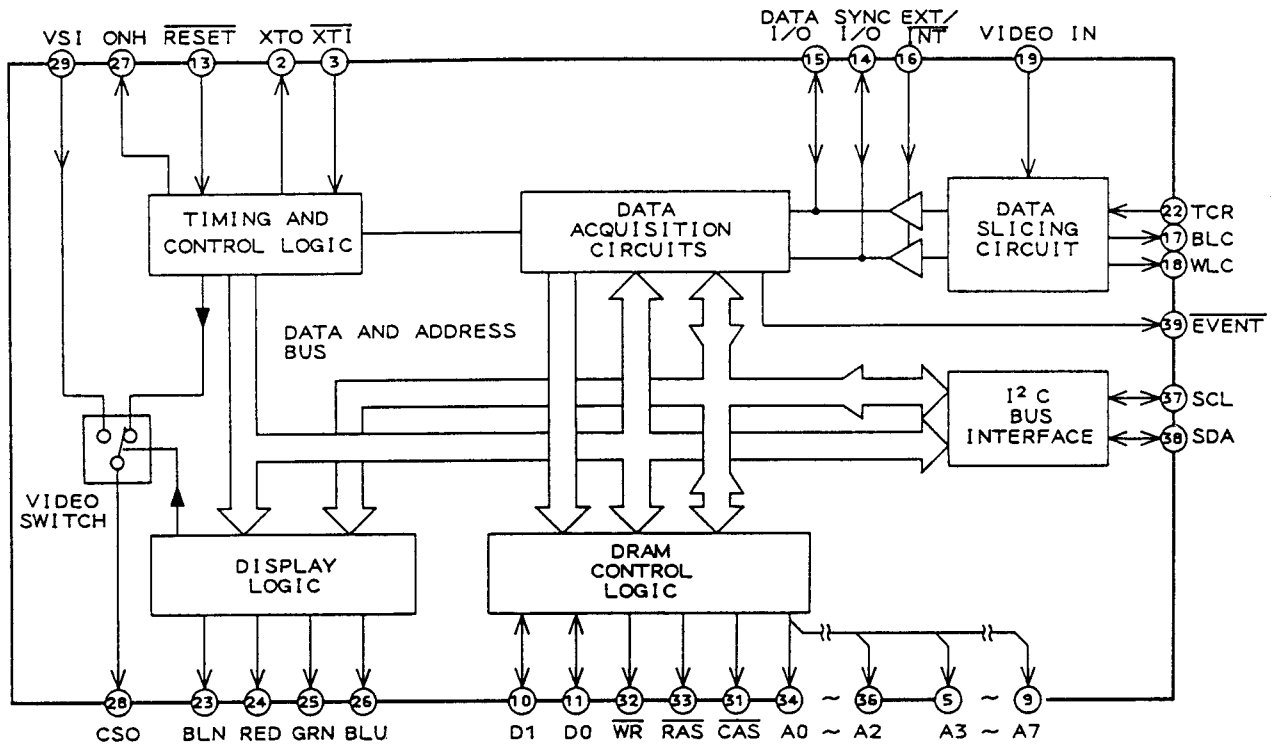
BA7765AS (AUDIO SIGNAL REC/PB AMPLIFIER)



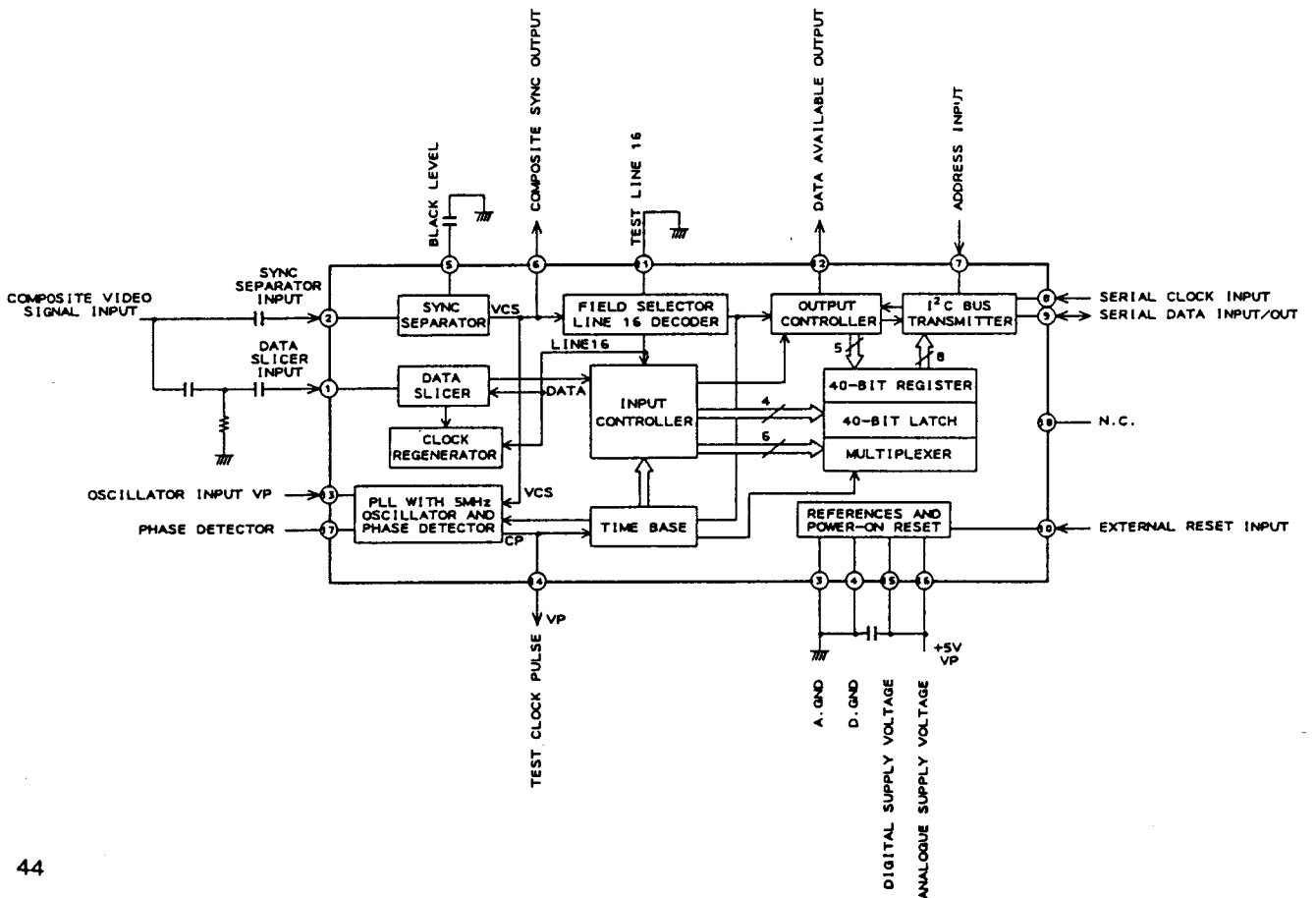
MN675121 (SERVO/SYSCON MI-COM)



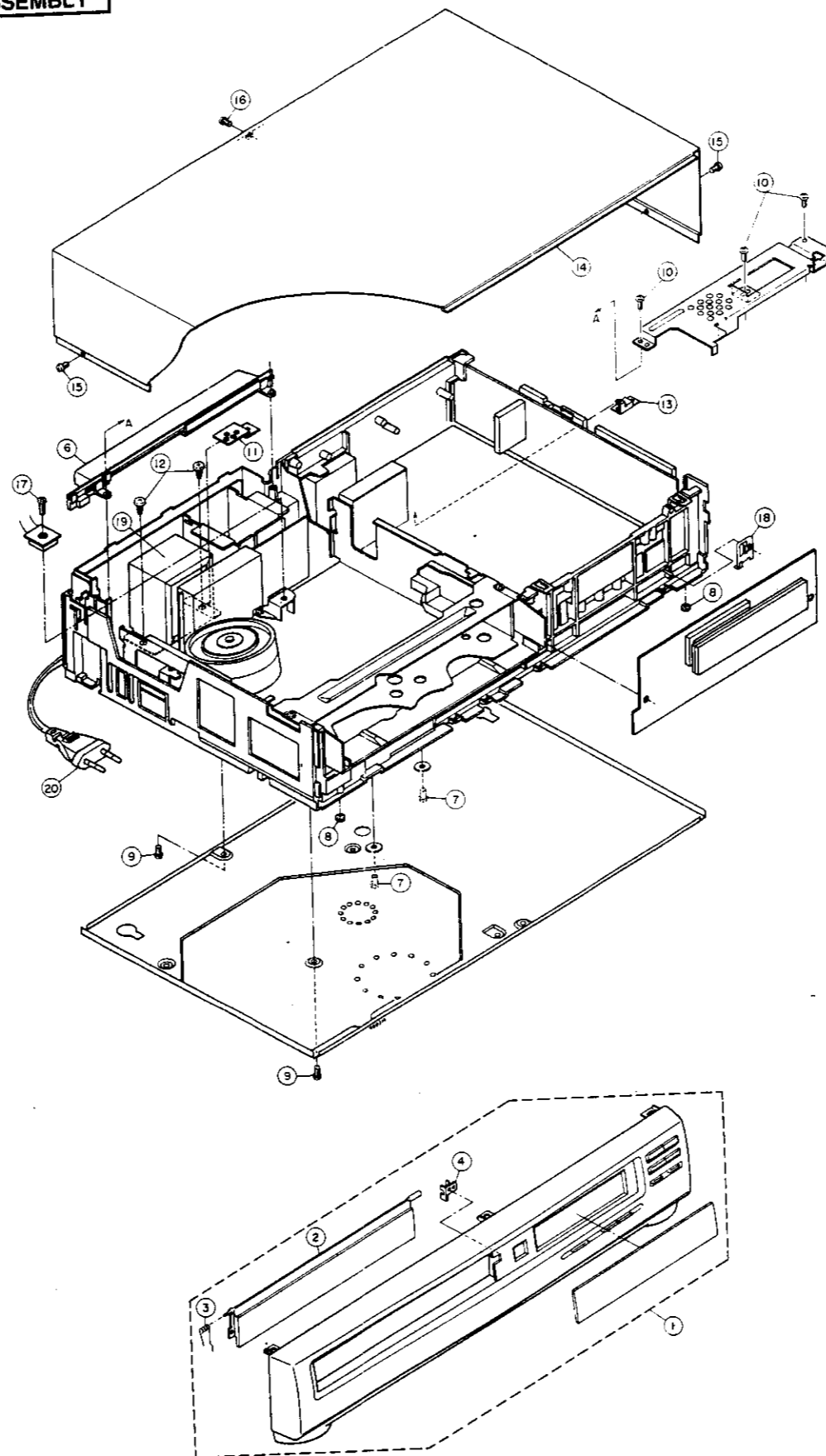
MV1815 (TELETEXT DECODER FOR 625 LINE OPERATION)



SAA4700 (VPS DATALINE PROCESSOR)



FINAL ASSEMBLY



11. POWER SUPPLY P.C BOARD

Ref.No.	Part No.	Description
C1	EC-406634J	C EC V SXE12 222M 25.0DC
C2	EC-363490	C EC V CUT SME 222M 16.0DC
C3	EC-406635J	C EC V SXE16 222M 35.0DC
C4	EC-406636J	C EC V T05 SXE6 270M 63.0DC
C5	EC-406636J	C EC V T05 SXE6 270M 63.0DC
C10	EC-405612J	C EC V T05 SXE4 4R7M 50.0DC
D1	*ED-511907	D SILICON 1N4002 100/1.0A
D2	*ED-511907	D SILICON 1N4002 100/1.0A
D3	*ED-511907	D SILICON 1N4002 100/1.0A
D4	*ED-511907	D SILICON 1N4002 100/1.0A
D5	*ED-511907	D SILICON 1N4002 100/1.0A
D6	*ED-511907	D SILICON 1N4002 100/1.0A
D7	*ED-511907	D SILICON 1N4002 100/1.0A
D8	*ED-511907	D SILICON 1N4002 100/1.0A
D9	*ED-511907	D SILICON 1N4002 100/1.0A
D10	*ED-511907	D SILICON 1N4002 100/1.0A
D11	*ED-511907	D SILICON 1N4002 100/1.0A
D12	*ED-511907	D SILICON 1N4002 100/1.0A
D13	ED-405373J	D ZENER H MTZJ16A T26
D14	ED-404032J	D ZENER H UTZJ39A
D15	ED-405524J	D ZENER H MTZJ36A T26
D16	*ED-404029J	D ZENER H UTZJ10B T26
D17	*ED-511907	D SILICON 1N4002 100/1.0A
D18	*ED-511907	D SILICON 1N4002 100/1.0A
FR1	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
FR2	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
FR3	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
FR4	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
FR5	*ER-400605J	R FUSE V T05 ERD2FCV 1/4W15R0G
TR1	*ET-381175J	TR 2SD1856
TR2	*ET-366365	TR 2SB1185 E.F
TR3	*ET-405622J	TR 2SD2061 E.F
TR4	*ET-405622J	TR 2SD2061 E.F
TR5	*ET-405622J	TR 2SD2061 E.F
TR6	*ET-405622J	TR 2SD2061 E.F
TR7	*ET-366365	TR 2SB1185 E.F

12. FINAL ASSEMBLY BLOCK

Ref.No.	Part No.	Description
1A	BD-404286J	PANEL FRONT VS-F260EK PART
1B	BD-407503J1	PANEL FRONT VS-F280EO PART
2A	SE-409256J	MASK CASSETTE VS-F260 (E)
2B	SE-409024J1	MASK CASSETTE VS-F280 (E)
3	ZG-387370J	SP MASK
4	SZ-401874J	STOPPER MASK
6	SC-387353J	COVER TRANS
7	ZS-362378	PLX BID30X10STL CMT
8	SA-387507J	FOOT SX
9	ZS-358936	ST BID30X06STL CMT
10	ZS-378341	PLX BID30X12STL CMT
11	ZG-387505J	PLATE EARTH
12	ZS-373962	PLX BID40X10STL CMT
13	ZG-387354J	PLATE EARTH (2)
14	SP-407479J	COVER UPPER JX
15	ZS-385611J	DT BID26X06STL BNI
16	ZS-391046J	PLX BID26X10STL BNI
17	ZS-357946	PLX PAN30X10STL CMT C080
18	ZG-392214J1	PLATE EARTH (3)
19	*BT-403872J	TRANS POW V1130 EK
20	*EW-404001M	AC CORD 200 VCTFK WITH TUBE B

NOTE:
Parts will not be supplied if they are not listed in the parts list, even if they appear on the assembling illustrations with reference No.

13. ACCASSARY

Ref.No.	Part No.	Description
1	EW-348414	CORD PAL
2	AV-B1038A010A	REMOCON BLK RC-V250E

6-4. MODEL

1. RECOMMENDED SPARE PARTS

We suggest you to stock the following Recommended Spare Part items listed below since they can cover most of the routine service.

Ref.No.	Part No.	Description
1	AV-B1038A010A	REMOCON BLK RC-V250E
2	BB-V1130A020H	MECHA DECK BLK F260EA
3	BL-V1102A140A	ARM LOADING BLK 425EA
4	BL-V1102A050A	TENSION ARM BLK 425EA
5	BM-400682J1	MOTOR DFX-67B3VWB1 [CAPSTAN MOTOR]
6	BM-401296J	MOTOR E20EL89 [DRUM MOTOR]
7	BM-387503J	MOTOR PART [LOADING MOTOR]
8	*BT-403252J	TRANS POW V1130 EA
9	BV-V1102A150A	CASSETTE LOAD BLK 425EA
10	BV-V1102A070A	LEADER S BLK 425EA
11	BV-V1102A080A	LEADER T BLK 425EA
12	BV-V1123A410A	LOWER DRUM BLK X400EGN
13	BV-387610J	RF CONVERTER YAA21-0453 EA
14	BV-V1123A420A	UPPER DRUM BLK X400EGN
15	BV-403236J1	VIF UNIT KX EA
16	EA-387496J	PC (#) SENSOR
17	*EC-391843J	C DOUBLE FYDOH 223Z 5.5DC
18	ED-390011J	D LED GL451 INFRARED [D1]
19	ED-390012J	D LED GL4800 INFRARED [D2]
20	ED-403450J	D LED SE303ARF-C INFRARED
21	ED-386031J	D SILICON CHIP MA110-TW
22	ED-366443	D SILICON H MA700FA5 F10
23	ED-307572	D SILICON H 1SS131
24	ED-511907	D SILICON 1N4002 100/1.0A
25	ED-397233J	D ZENER H HZS5C3
26	ED-387919J	D ZENER H HZS6A1L
27	ED-405373J	D ZENER H MTZJ16A T26
28	ED-403267J	D ZENER H MTZJ3.3B T26
29	ED-405524J	D ZENER H MTZJ36A T26
30	ED-403724J	D ZENER H UTZJ10A
31	*ED-404029J	D ZENER H UTZJ10B T26
32	ED-404032J	D ZENER H UTZJ39A
33	ED-403278J	D ZENER H UTZJ7.5B
34	ED-404086J	D ZENER H UTZJ7.5C
35	ED-403279J	D ZENER H UTZJ9.1B
36	EE-408417J	TV TUNER VTSS6AZV EA
37	EH-383083J	COMP R RGL3X 103J
38	EH-403945J	COMP R RGL9X 103J
39	EH-390730J	DL EFD-JF124A13J
40	EH-373920J	FILTER CE SFE5.5MB
41	EH-368948	FILTER CE TPS5.5MW 5.5000MHZ
42	EH-714626	FILTER SAW SAF36.9MZ70Z
43	EI-408416J1	IC MN675121 XAV4 KBXSYP5
44	EI-373981J1	IC BA10393N
45	EI-373980	IC BA15218N
46	EI-353421	IC BA6229
47	EI-388360J	IC BA7765AS
48	EI-403231J	IC CD4066BE
49	EI-403250J	IC LA7376
50	EI-403234J1	IC LA7391A
51	EI-394856J	IC LC8992
52	EI-389622J	IC L5631
53	EI-403469J	IC MM1068XS
54	EI-368809	IC M51496P
55	EI-400756J	IC NJM4558L-B
56	EI-373955	IC S-8053ALR
57	EI-408393J	IC ST24C01B1
58	EI-376112	IC UPD6122G
59	EI-405722J	IC UPD6450CX-515
60	EI-408391J1	IC UPD75217CW-146 JBXOPP2
61	EI-403467J	OSC CE CSB500F40 15.680KHZ
62	EI-373957J1	OSC CE CST4.19MGW 4.194MHZ
63	EI-390687J	OSC CE CSU455PL 455KHZ
64	EI-389974J	OSC X'TAL HC-49/U 17.734475MHZ
65	EI-389640J	OSC X'TAL HC-49/U 8000KHZ
66	EI-368825	OSC X'TAL MX-38T 32.768KHZ
67	EI-381632J	OSC X'TAL 86686 4.433619MHZ

Ref.No.	Part No.	Description
68	EM-401077J	IND FL FV496G CHARACTER
69	EO-388362J	COIL OSC 1 V1102
70	*ER-400959J	R FUSE V T05 ERD2FCV 1/4W1200G
71	*ER-400605J	R FUSE V T05 ERD2FCV 1/4W15R0G
72	*ER-400728J	R FUSE V T05 RF25SCVTP1/4WR12K
73	*ER-400729J	R FUSE V T05 RF25SCVTP1/4WR47K
74	*ER-404093J	R FUSE V T05 RF25SCVTP1/4WR56K
75	*ER-408375J	R FUSE V T05RF25SCVTP1/4WR12K
76	ER-403405J	R OMF H S12 FS 1W R75J
77	ES-373099	SW LEAF MTS10110MPC1
78	ES-387465J	SW MODE SELECT MMS00070ZLBO [SW1]
79	ES-408404J	SW TACT EVQ 235 07K T05 [260]
80	ES-408405J	SW TACT EVQ 235 09K T05 [261/262]
81	ES-349474	SW TACT SKHHAM004A
82	ET-381637J2	DETECTOR GP1U521X
83	ET-713614	TR CHIP 2SA1235 E,F
84	ET-725820J	TR CHIP 2SC2735J
85	ET-356336	TR DTA114ES
86	ET-354415	TR DTA144ES
87	ET-373985	TR DTA144TS
88	ET-353897	TR DTC114ES
89	ET-360399	TR DTC114TS
90	ET-354364	TR DTC143TS
91	ET-354414	TR DTC144ES
92	ET-361490	TR PHOTO PN268 [TR1]
93	ET-390010J	TR PHOTO PT4800 [TR2]
94	ET-390009J	TR PHOTO PT493F [TR4]
95	ET-364040	TR UN421D
96	ET-353899	TR 2SA1317 S,T,U
97	*ET-366365	TR 2SB1185 E,F
98	ET-388338J	TR 2SB1425 S,E
99	ET-375777	TR 2SC2926S P,Q
100	ET-397160J	TR 2SC3330 R,S,T,U,V
101	*ET-381175J	TR 2SD1856
102	*ET-391025J	TR 2SD2012
103	ET-405622J	TR 2SD2061 E,F
104	ET-390826J	TR.CHIP 2SD1619 T,U TC T08
105	HE-390013J	HEAD E HVFME0020A
106	HR-405340J	HEAD COMBO HVMZA1121A
107	MB-387289J	BELT CAPSTAN
108	MI-387294J	IDLER PART
109	.ML-391745J3	ARM DAMPER
110	ML-387350J1	ARM LID OPENER
111	ML-387423J	ARM LOADING BRAKE
112	ML-387277J3	ARM REVIEW PART
113	ML-387402J1	LEVER TRIGGER
114	ML-387316J	MAIN BRAKE (S) PART
115	ML-387318J	MAIN BRAKE (T) PART
116	ML-387321J	REVIEW BRAKE PART
117	ML-387324J1	SLIDER BRAKE PART
118	ML-404944J	SLIDER TRIGGER (2)
119	MP-404852J	PINCH ROLLER (2) PART
120	MR-387406J	HOLDER THRUST WORM
121	MR-391968J	PULLEY TRIGGER (2)
122	MR-387286J1	ROLLER IMPEDANCE
123	MT-390954J1	DISK (2) PART
124	MZ-387298J3	DISK CLUTCH PART
125	MZ-387331J	GEAR CAM SLIDER
126	MZ-387335J	GEAR EJECT
127	MZ-387333J	GEAR FRONT LOADING
128	MZ-V1102A090A	GEAR TOGGLE (S) BLK 425EA
129	MZ-V1102A100A	GEAR TOGGLE (T) BLK 425EA
130	MZ-387332J	GEAR WORM WHEEL

* Parts list for HEAD DRUM, MECHA. (1) and MECHA. (2) BLOCK refer to 6-1. EOH list (P25 to 28)

5. P.C BOARD BLK

Ref.No.	Part No.	Description
1	BA-V1130A600A	PC (#) MAIN (PAL) BLK F220EA
2	BA-V1130A610A	PC PRE AMP BLK F220EA
3A	BA-V1146A630A	PC OPERATION (A) BLK F260EA [260]
3B	BA-V1146A630B	PC OPERATION (A) BLK F261EA [261/262]
4	BA-V1130A500A	PC POWER BLK F220EDG

PC (#) MAIN (PAL) BLK CONSISTS OF FOLLOWING P.C BOARD.

- MAIN (A) P.C BOARD
- MAIN (B) P.C BOARD

6. MAIN (A) P.C BOARD

Ref.No.	Part No.	Description
C369	*EC-391843J	C DOUBLE FYDOH 223Z 5.5DC
D1	ED-307572	D SILICON H 1SS131
D2	ED-307572	D SILICON H 1SS131
D3	ED-307572	D SILICON H 1SS131
D4	ED-307572	D SILICON H 1SS131
D8	ED-387919J	D ZENER H HZS6A1L
D201	ED-307572	D SILICON H 1SS131
D202	ED-307572	D SILICON H 1SS131
D203	ED-307572	D SILICON H 1SS131
D204	ED-397233J	D ZENER H HZS5C3
D205	ED-403267J	D ZENER H MTZJ3.3B T26
D208	ED-307572	D SILICON H 1SS131
D209	ED-307572	D SILICON H 1SS131
D212	ED-511907	D SILICON 1N4002 100/1.0A
D213	ED-511907	D SILICON 1N4002 100/1.0A
D301	ED-307572	D SILICON H 1SS131
D302	ED-307572	D SILICON H 1SS131
D303	ED-404086J	D ZENER H UTZJ7.5C
D304	ED-403724J	D ZENER H UTZJ10A
D305	ED-307572	D SILICON H 1SS131
D306	ED-307572	D SILICON H 1SS131
D307	ED-307572	D SILICON H 1SS131
D308	ED-307572	D SILICON H 1SS131
D309	ED-307572	D SILICON H 1SS131
D401	ED-307572	D SILICON H 1SS131
D402	ED-307572	D SILICON H 1SS131
D405	ED-307572	D SILICON H 1SS131
D406	ED-366443	D SILICON H MA700FA5 F10
D502	ED-307572	D SILICON H 1SS131
D503	ED-307572	D SILICON H 1SS131
D505	ED-307572	D SILICON H 1SS131
D506	ED-307572	D SILICON H 1SS131
D507	ED-307572	D SILICON H 1SS131
DL500	EH-390730J	DL EFD-JF124A13J
FR201	*ER-400959J	R FUSE V T05 ERD2FCV 1/4W1200G
FR350	*ER-400729J	R FUSE V T05 RF25SCVTP1/4WR47K
FR501	*ER-404093J	R FUSE V T05 RF25SCVTP1/4WR56K
IC1	EI-389622J	IC L5631
IC101	EI-403231J	IC CD4066BE
IC201	EI-400756J	IC NJM4558L-B
IC301	EI-408416J1	IC MN675121 XAV4 KBXSYP5
IC302	EI-353421	IC BA6229
IC303	EI-373980	IC BA15218N
IC400	EI-403234J1	IC LA7391A
IC401	EI-394856J	IC LC8992
IC402	EI-373981J1	IC BA10393N
L1	EO-373260	COIL FIX 1 LAP02 F05 1R0K
L101	EO-345881	COIL FIX 1 EL0606SKI 101J
L103	EO-356722	COIL FIX 1 LAP02 F05 6R8K
L301	EO-381196J	COIL FIX 1 EL0405SKI 470K
L302	EO-345881	COIL FIX 1 EL0606SKI 101J
L401	EO-354600	COIL FIX 1 LAP02 F05 101K
L402	EO-357508	COIL FIX 1 LAP02 F05 151K
L403	EO-381192J	COIL FIX 1 EL0405SKI 270K