



Service Manual

GF-555H
GF-555E

The Searcher

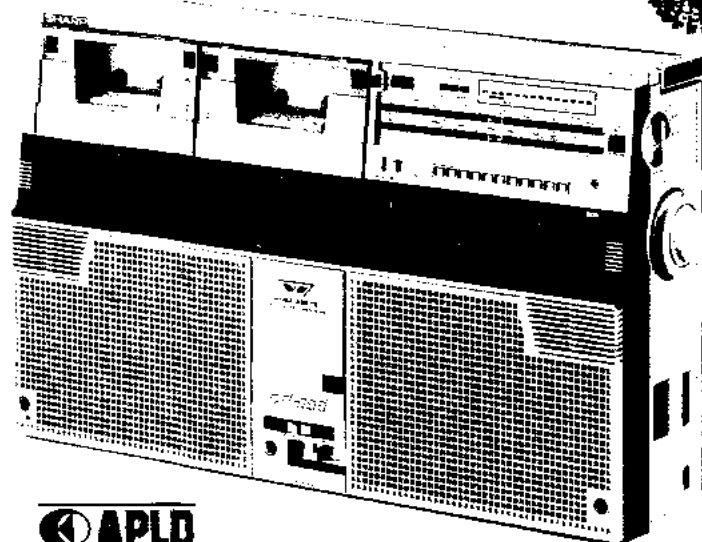


ATSM480002RCS

Technical information for this model will be issued soon.

DOUBLE CASSETTE STEREO TAPE RECORDER

MODELS
GF-555H
GF-555E



(PHOTO: GF-555H)

In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.

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SHARP CORPORATION OSAKA, JAPAN

SPECIFICATIONS

GENERAL

Power source:	AC 110/220/240V, 50/60Hz DC 15V (Ten UM/SUM-1, R20, HP-2, "D" batteries or external DC supply)
Speakers:	16 cm (Woofer) x 2 5 cm (Tweeter) x 2
Output power:	GF-555H (DIN45 324): MPO 14W (7W + 7W, AC operation) RMS 12W (6W + 6W, DC operation) GF-555E: MPO 22W (11W + 11W, AC operation) RMS 12W (6W + 6W, DC operation, 10% distortion)
Semiconductors:	11-IC's (Integrated circuits) 32-Transistors 2-FET's 1-SCR 41-Diodes 26-LED's
Dimensions:	
Width:	530 mm
Depth:	150 mm
Height:	320 mm
Weight:	9 kg (without batteries)

TAPE RECORDER/PLAYER

Tape:	Philips-type compact cassette tape
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Frequency response:	40 Hz to 15000 Hz (CrO ₂ tape) 40 Hz to 12000 Hz (normal tape)
S/N ratio:	50 dB
Wow and flutter:	GF-555H: 0.17% (DIN45 511) GF-555E: 0.17% (CCIR)
Input sensitivity and input impedance:	
Ext. Mic:	600 ohms
Mixing Mic:	600 ohms
Line in:	0.1V/100k Ohms
Output level and loaded impedance:	
Headphones:	8 ohms to 25 ohms
External speaker:	4 ohms to 8 ohms
Line out:	0.7V/50k Ohms

RADIO

Frequency range:	LW; 150 kHz to 285 kHz MW; 520 kHz to 1620 kHz SW; 5.95 MHz to 18 MHz FM; 87.6 MHz to 108 MHz
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The manufacture reserves the right to vary specifications, design, or use alternative materials as may be deemed necessary or desirable at any time, any such change or variations being of a kind as not to reduce the quality, performance or appearance.

EXPLANATION OF PARTS

1. Deck 1, Cassette Compartment
2. Deck 1, Fast Forward Wind/Cue (skip) Key (JKNBR0145AFSA)
3. Deck 1, Stop Key (JKNBR0143AFSA)
4. Deck 1, Rewind/Review Key (JKNBR0142AFSA)
5. Deck 1, Cassette Ejection Key (JKNBR0140AFSA)
6. Deck 1, APLD-Reverse Key (JKNBR0141AFSA)
7. Deck 1, Playback Key (JKNBR0144AFSA)
8. Deck 1, APLD Forward Key (JKNBR0146AFSA)
9. Deck 1, Pause Key (JKNBR0147AFSA)
10. Left Channel Built-in Microphone (RMICC0071AFZZ)
11. Deck 1, Monitor Output Socket (QJAKJ0074AFZZ)
12. Indicator of APLD Direction (VHPGL-3PR3/-1)
13. Deck 2, Edit Key (JKNBR0148AFSA)
14. Deck 2, Pause Key (JKNBR0149AFSA)
15. Deck 2, Record Key (JKNBR0151AFSA)
16. Deck 2, Cassette Compartment
17. Deck 2, Playback Key (JKNBR0153AFSA)
18. Deck 2, Eject Key (JKNBR0155AFSA)
19. Deck 2, Rewind/Review Key (JKNBR0150AFSA)
20. Deck 2, Stop Key (JKNBR0152AFSA)
21. Deck 2, Fast Forward/Cue (skip) Key (JKNBR0154AFSA)
22. Recording Level Control Knobs (JKNBP0093AFSA)
23. Dubbing Switch Knob (JKNBM0308AFSA)
24. Mixing Microphone Socket (QJAKF0062AFZZ)
25. FM Mode Selection/Mixing On-Off/FM Muting On-Off Knob (JKNBM0310AFSA)
26. Fader Control Knob (JKNBP0092AFSB)
27. Deck 1, Tape Selector Knob (JKNBM0308AFSA)
28. Deck 2, Tape Selector Knob (JKNBM0308AFSA)
29. Recording Mode Selector Knob (JKNBM0308AFSA)
30. Function Selector Knob (JKNBM0307AFSA)
31. Headphones Socket (QJAKJ0069AFZZ)
32. Meter Indication Selector Knob (JKNBM0306AFSA)
33. Bass Tone Control Knob (JKNBP0092AFSA)
34. Treble Tone Control Knob (JKNBP0092AFSA)
35. Channel Balance Control Knob (JKNBP0092AFSA)
36. Volume Control Knob (JKNBP0092AFSA)
37. Right Channel Built-in Microphone (RMICC0071AFZZ)
38. Power Switch Knob (JKNBM0305AFSA)
39. APLD Number Input Buttons and Indicators (QSW-Z0060AFZZ)
40. Tape Operation Mode Selector Knob (JKNBM0309AFSA)
41. Wave-Band Indication Window
42. Right Channel VU Indicator/Tuning Indicator (RH-PX1015AFZZ)
43. Left Channel VU Indicator/Battery Condition Indicator (RH-PX1015AFZZ)
44. Power ON Indicator (RH-PX1008AFZZ)
45. FM Stereo Indicator (RH-PX1008AFZZ)
46. Dubbing Indicator (VHPGL-9NG12-1)
47. Digital Tape Counter (KCOUB0082AFZZ)
48. Tape Counter Reset Button (KCOUB0082AFZZ)
49. Wave-Band Selector Knob (JKNBM0411AFSA)
50. Tuning Control Knob (JKNBN0446AFSA)
51. Fine Tuning Control Knob (JKNBN0447AFSA)
52. External Speaker Socket (Left Channel) (QJAKB0054AFZZ)
53. External Speaker Socket (Right Channel) (QJAKB0054AFZZ)
54. DC 15V Input Terminal (QSOCZ2196AFZZ)
55. AC Input Terminal (QSOCZ2196AFZZ)
56. External FM Aerial Terminals (QTANN0254AFZZ)
57. Battery Compartment Lid (GFTAB1113AFSA)
58. External Microphone Input Sockets (QJAKZ0092AFZZ)
59. Remote Control Socket (QJAKZ0092AFZZ)
60. Earthing Terminal (QJAKZ0092AFZZ)
61. Phono Input Sockets (QJAKZ0092AFZZ)
62. Line Input Sockets (QJAKZ0092AFZZ)
63. Line Output Sockets (QJAKZ0092AFZZ)
64. Beat Interference Canceller Switch (QSW-S0191AFZZ)
65. FM/SW Telescopic Aerial (QANTR0111AFZZ)
66. Voltage Selector (QSOCE0562AFZZ)

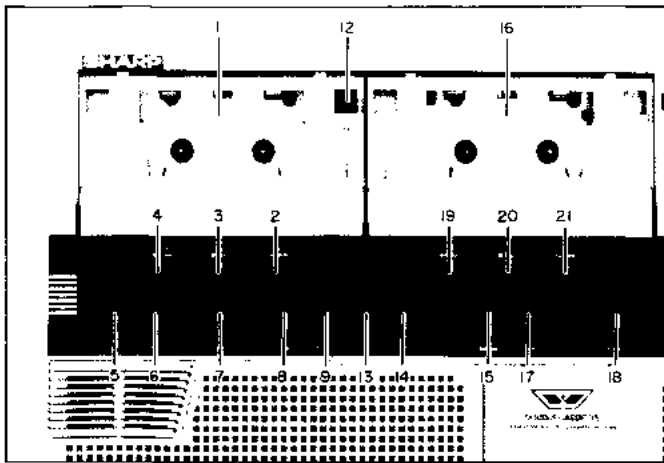


Figure 3-1

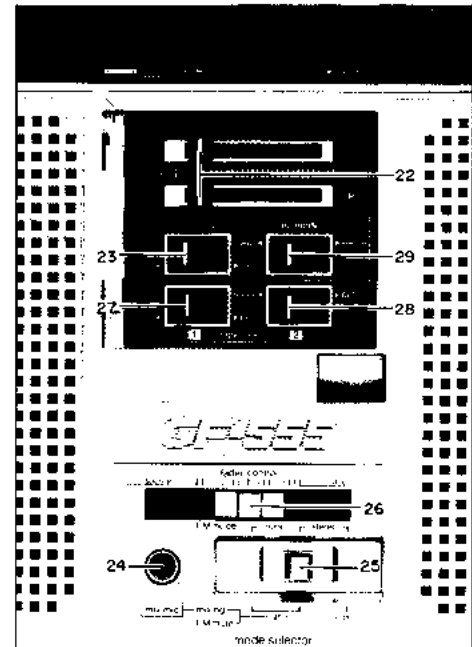


Figure 3-2

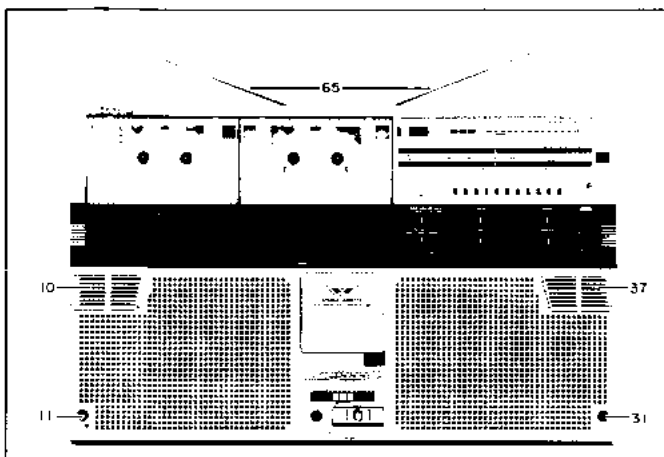


Figure 3-3

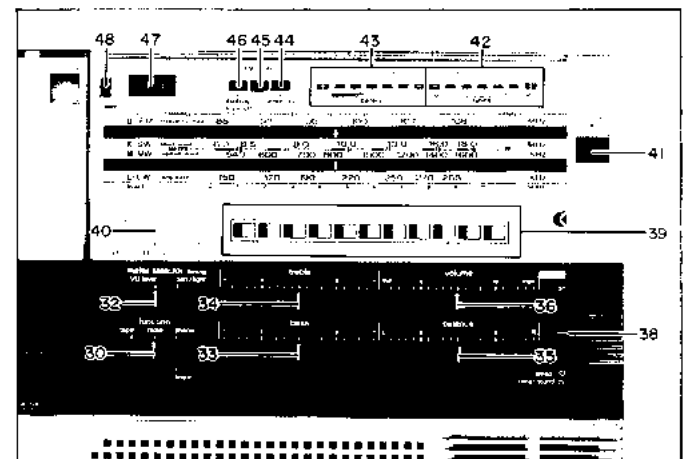


Figure 3-4

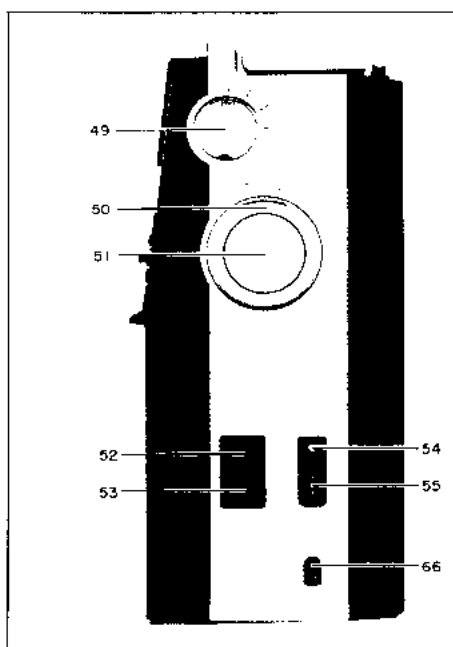


Figure 3-5

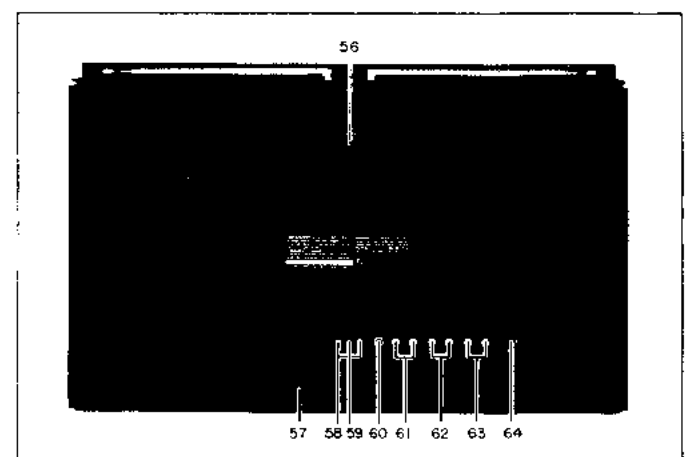


Figure 3-6

POWER SOURCE

The unit is designed to operate on a 110 V, 220 V or 240 V, 50/60 Hz A.C. mains or on internal batteries, (10 x UM/SUM-1 or equivalents).

It is also possible to operate the unit from an external 15 Volt D.C. supply.

MAINS SUPPLY VOLTAGE SELECTION

Be sure to check the preset voltage before connecting A.C. Supply lead to a A.C. mains outlet. If the setting differs from your local power supply, Voltage selector must be reset in the following manner.

Rotate Voltage selector with a screwdriver until the correct setting of the local electrical supply can be seen.

Caution:

Use this unit only on the specified voltages, otherwise damage, fire, or accidents may be caused. SHARP cannot accept responsibility for any damage resulting from the use of this unit on unspecified voltages.

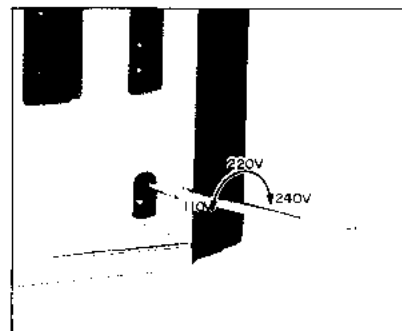


Figure 4-1

DISASSEMBLY

Caution:

Prior to the disassembly, be sure to draw the AC mains lead plug from the AC mains socket of the unit and to unload

the cassette compartment with a cassette tape.

1. FRONT CABINET AND REAR CABINET REMOVAL

- 1) Open the recording level controls lid at the front of the unit, and take the two (2) recording level control knobs off.
- 2) Depress the cassette ejection keys (one each at the deck-1 and deck-2 sides) to open the cassette compartment.

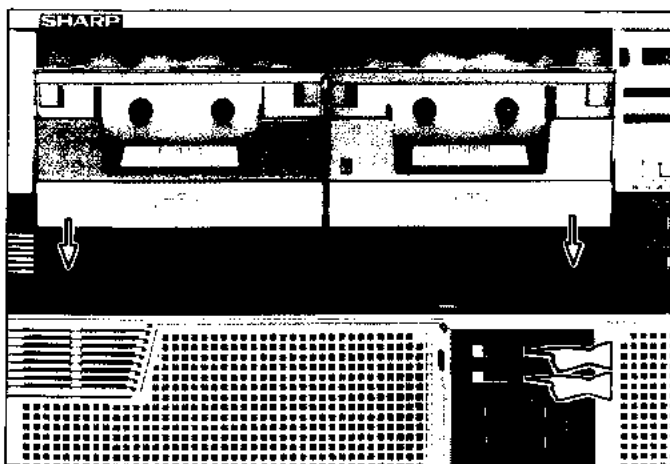


Figure 4-2

- 7) Take the front cabinet off forwards, and remove the front cabinet's inside socket connected to the head-phones socket printed wiring board.

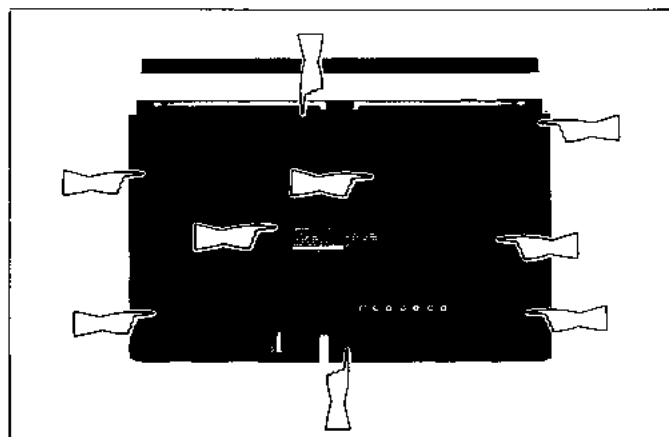


Figure 4-3

- 3) Open the battery compartment lid at the rear of the unit, and take out the ten (10) batteries.
- 4) Remove the nine (9) screws at the rear cabinet.
- 5) Take the cabinet off upwards, then remove the tips at the rear cabinet's inside shield plate and also the FM/SW telescopic aerial plugs.
- 6) Set the dubbing switch to "off", the recording mode selector to "auto", the deck-1/deck-2 tape selector switch to "normal", the FM mode selection/Mixing on-off/FM muting on-off switch to "stereo/off", the function selector to "radio" and the power switch "on" position, respectively.

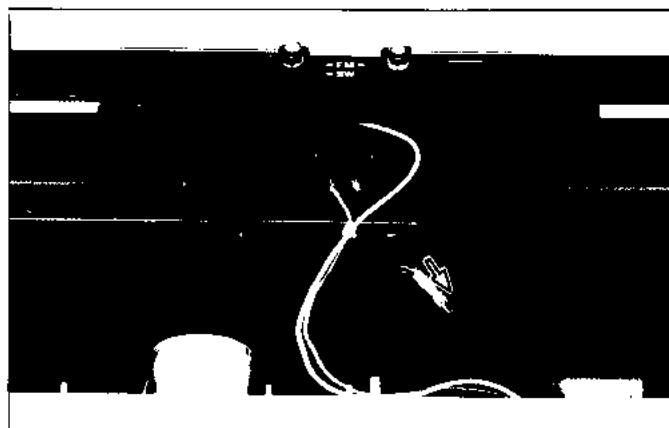


Figure 4-4

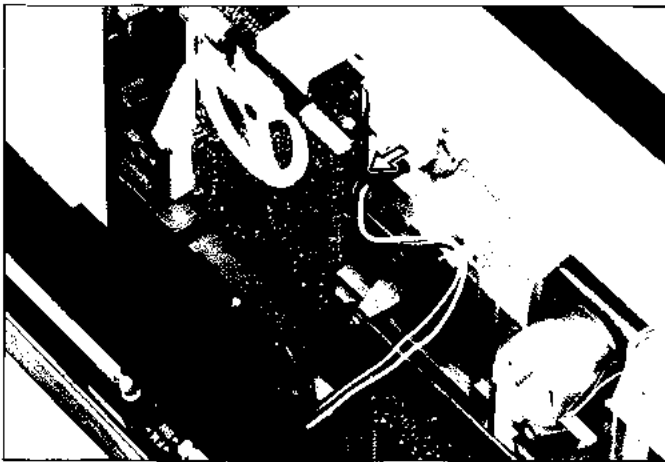


Figure 5-1

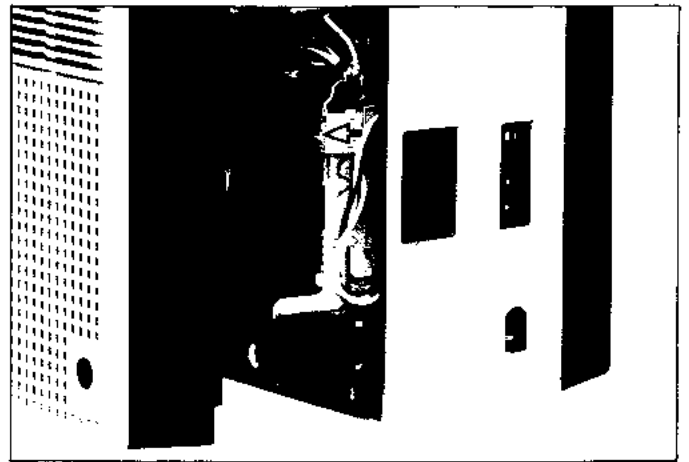


Figure 5-2

2. MECHANISM BLOCK REMOVAL

- 1) Remove the two (2) sockets connected to the mechanism block printed wiring board and the three (3) sockets connected to the record/playback amp. printed wiring board.



Figure 5-3



Figure 5-4

- 2) Detach the digital tape counter drive belt from the take-up turntable.
- 3) Remove the three (3) screws retaining the mechanism block — one each for the front-right, front-left and rear sides, move the mechanism block forwards and take it off.

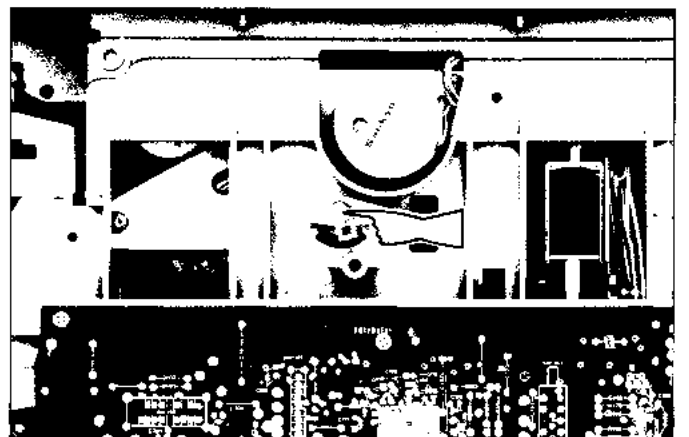


Figure 5-5

3. MIXING MICROPHONE SOCKET-PRINTED WIRING BOARD REMOVAL

- 1) Remove the four (4) screws retaining the printed wiring board; slide its lower part forwards and remove its

entire while moving upwards (a portion of it has been held by the bracket).



Figure 6-1

4. RADIO PRINTED WIRING BOARD REMOVAL

- 1) Disconnect the two (2) sockets connected to the radio printed wiring board and power supply printed wiring board.
- 2) Disconnect the socket from the record/playback amp. printed wiring board.



Figure 6-3

- 3) Take off the function selector knob, remove the one (1) screw at the selector switch lever, and detach this lever.
- 4) Take off the wave-band selector knob, tuning control knob and fine tuning control knob, by using a bladed screwdriver in the manner shown below.
- 5) Set the power switch knob to "sleep/⏻ timer stand-by" position.
- 6) Remove the four (4) screws at the radio printed wiring board frame, and detach the frame frontwards.

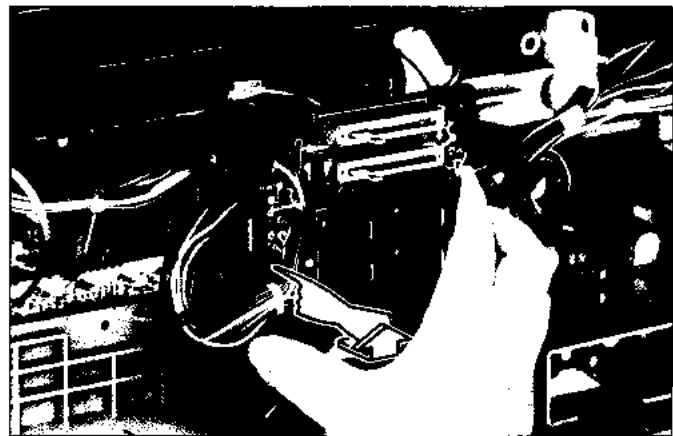


Figure 6-2

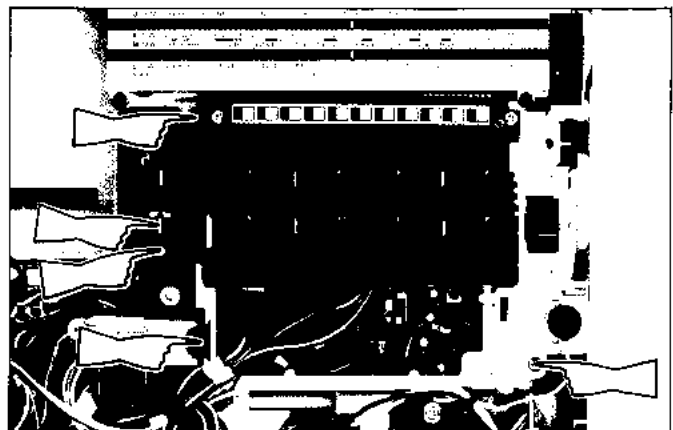


Figure 6-4

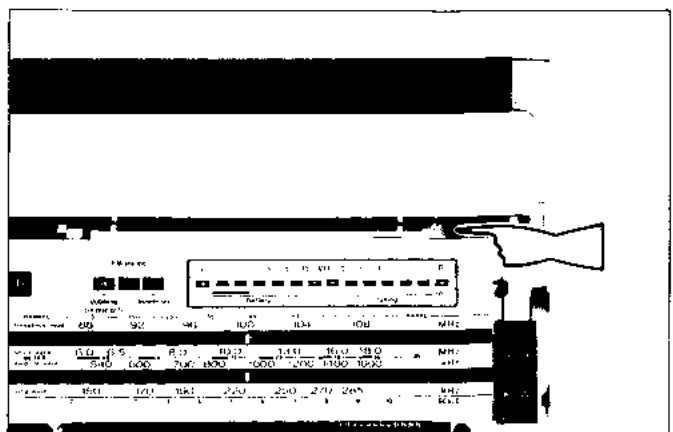


Figure 6-5

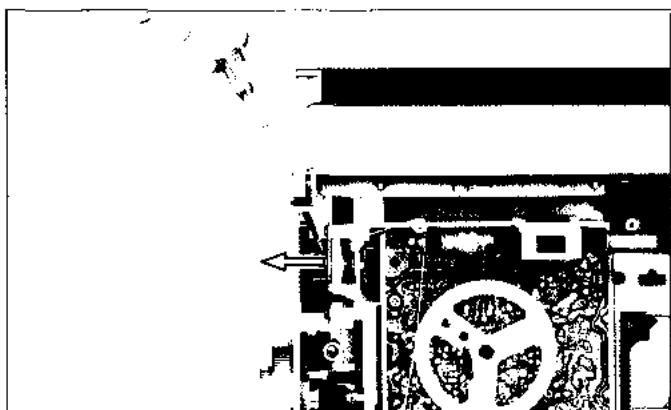


Figure 7-1

5. INDICATORS PRINTED WIRING BOARD REMOVAL

1) Remove the two (2) screws retaining the dial plate, and detach it.

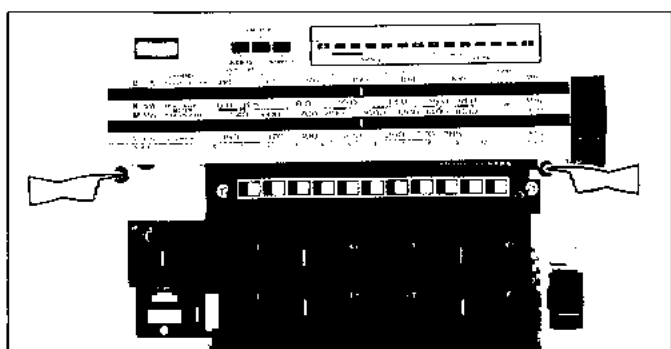


Figure 7-2

2) Remove the one (1) screw at the pointer guide and also its hook.

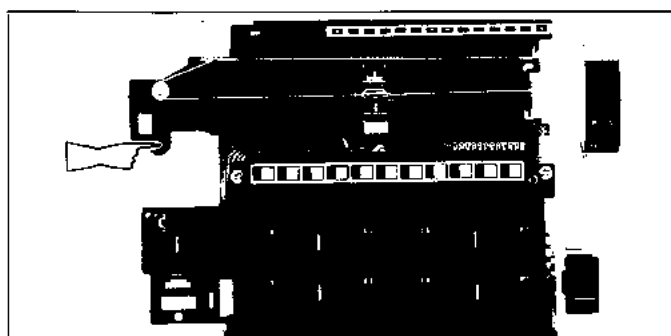


Figure 7-3

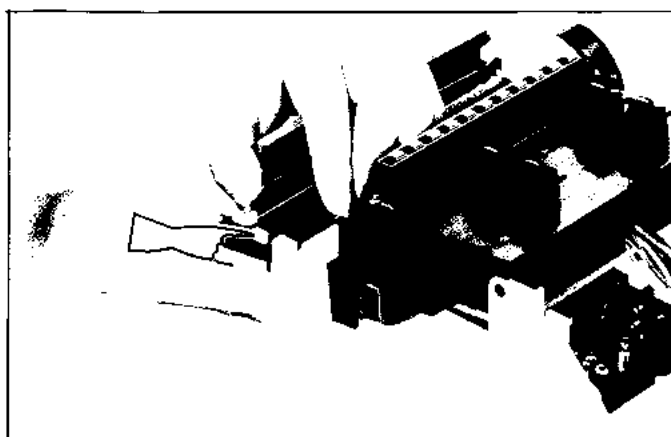


Figure 7-4

3) Bring down the pointer guide to right.

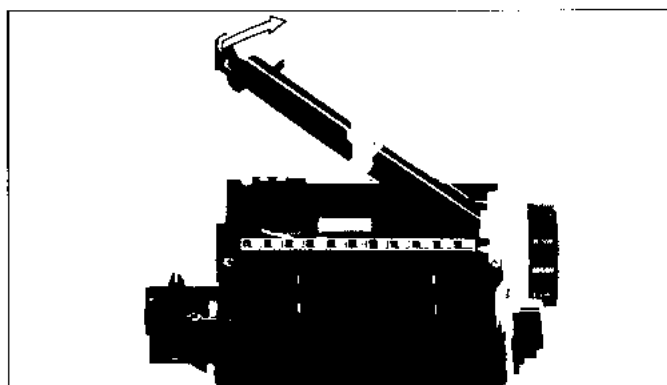


Figure 7-5

4) Disconnect the socket from the radio printed wiring board.

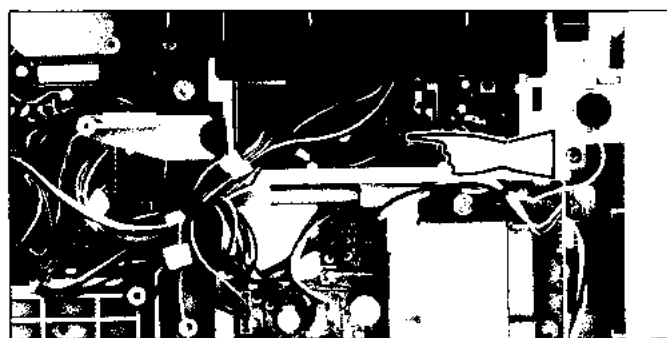


Figure 7-6

5) Remove the one (1) screw retaining the indicators printed wiring board and also the two (2) fittings at its front.

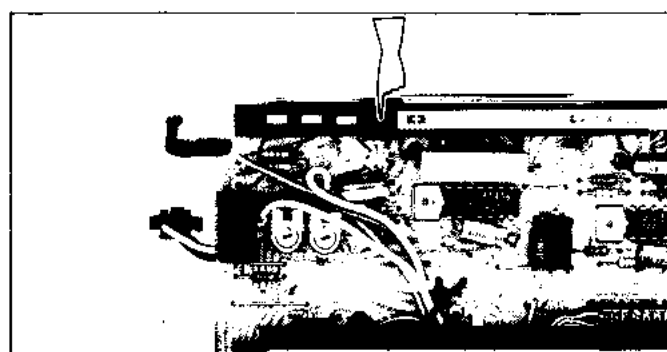


Figure 7-7

- 6) Remove the shield plate's hook secured to the printed wiring board and also the two (2) screws at the shield plate.

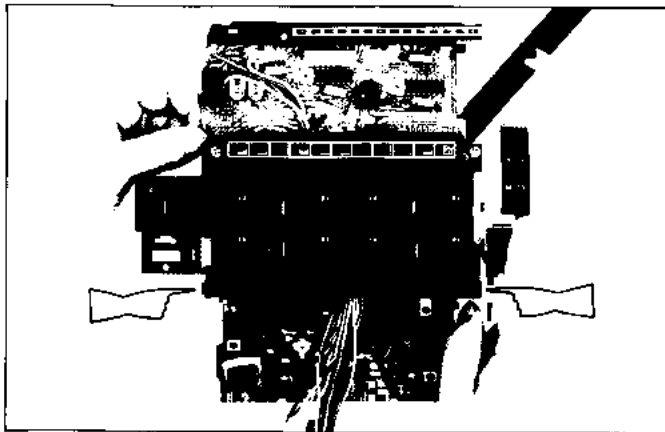


Figure 8-1

- 7) Take, in order, off the volume control knob, channel balance control knob, treble tone control knob, bass tone control knob and meter indication selector knob.

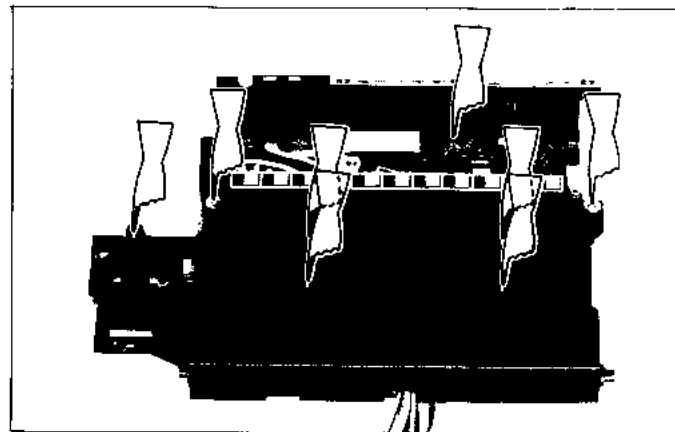


Figure 8-3

- 8) Remove the two (2) screws at the knobs guide and also the two (2) at the input buttons/indicators assembly, then detach the knobs guide.

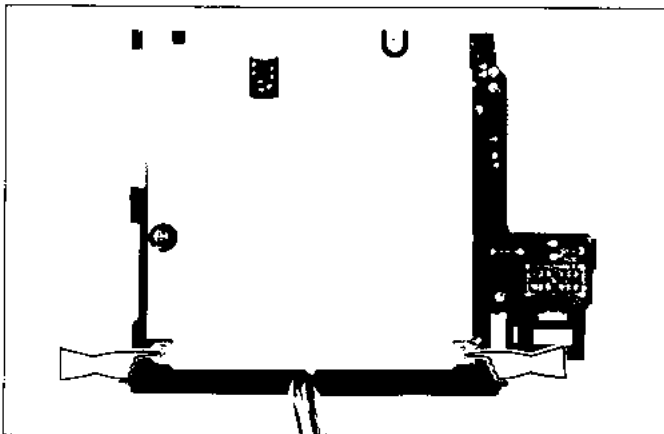


Figure 8-2

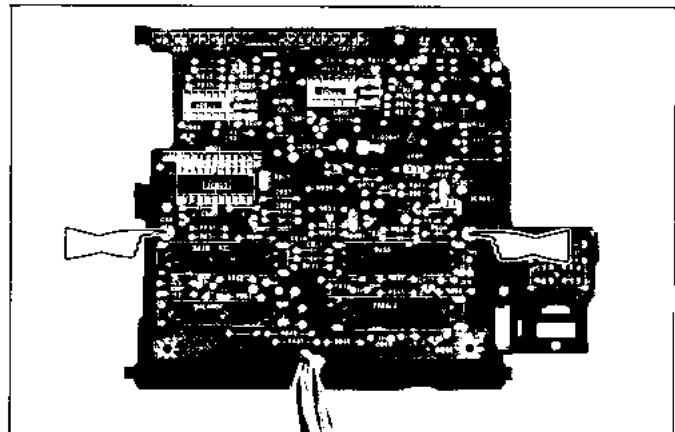


Figure 8-4

6. REMOVAL OF POWER SUPPLY PRINTED WIRING BOARD AND HEADPHONES SOCKET PRINTED WIRING BOARD

- 1) Disconnect the socket and tip from the power supply printed wiring board.

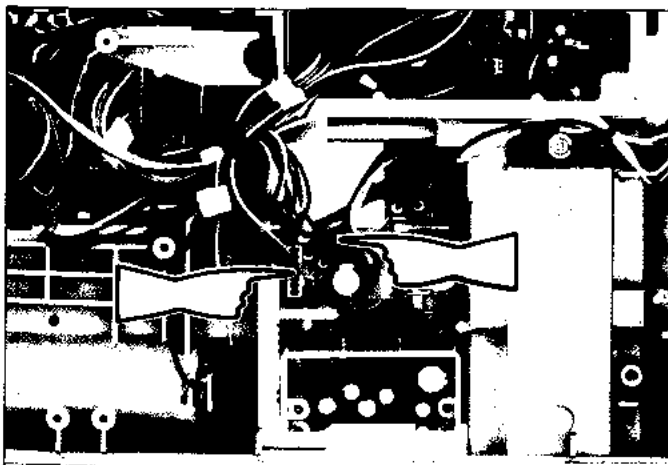


Figure 8-5

- 2) Disconnect the socket from the record/playback printed wiring board.

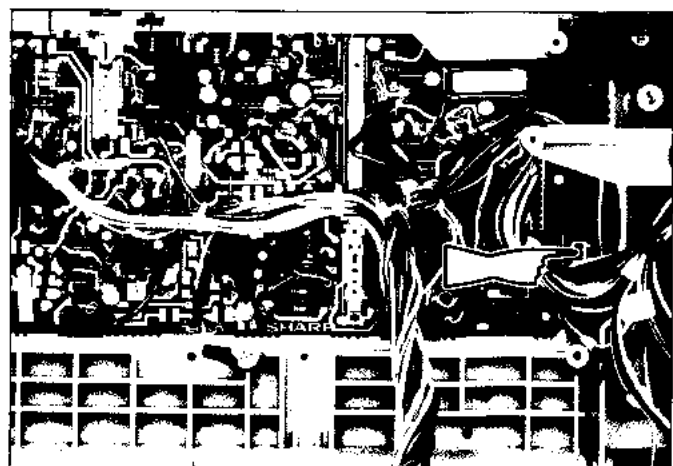
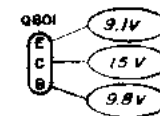
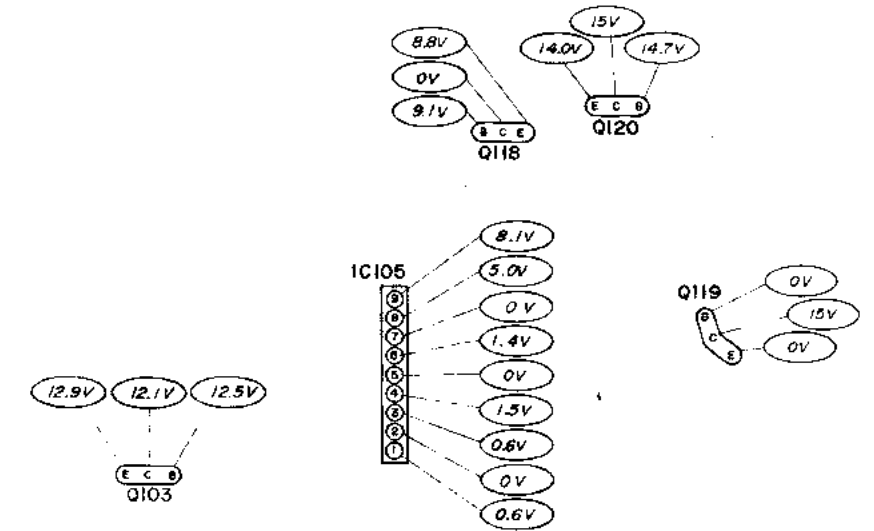
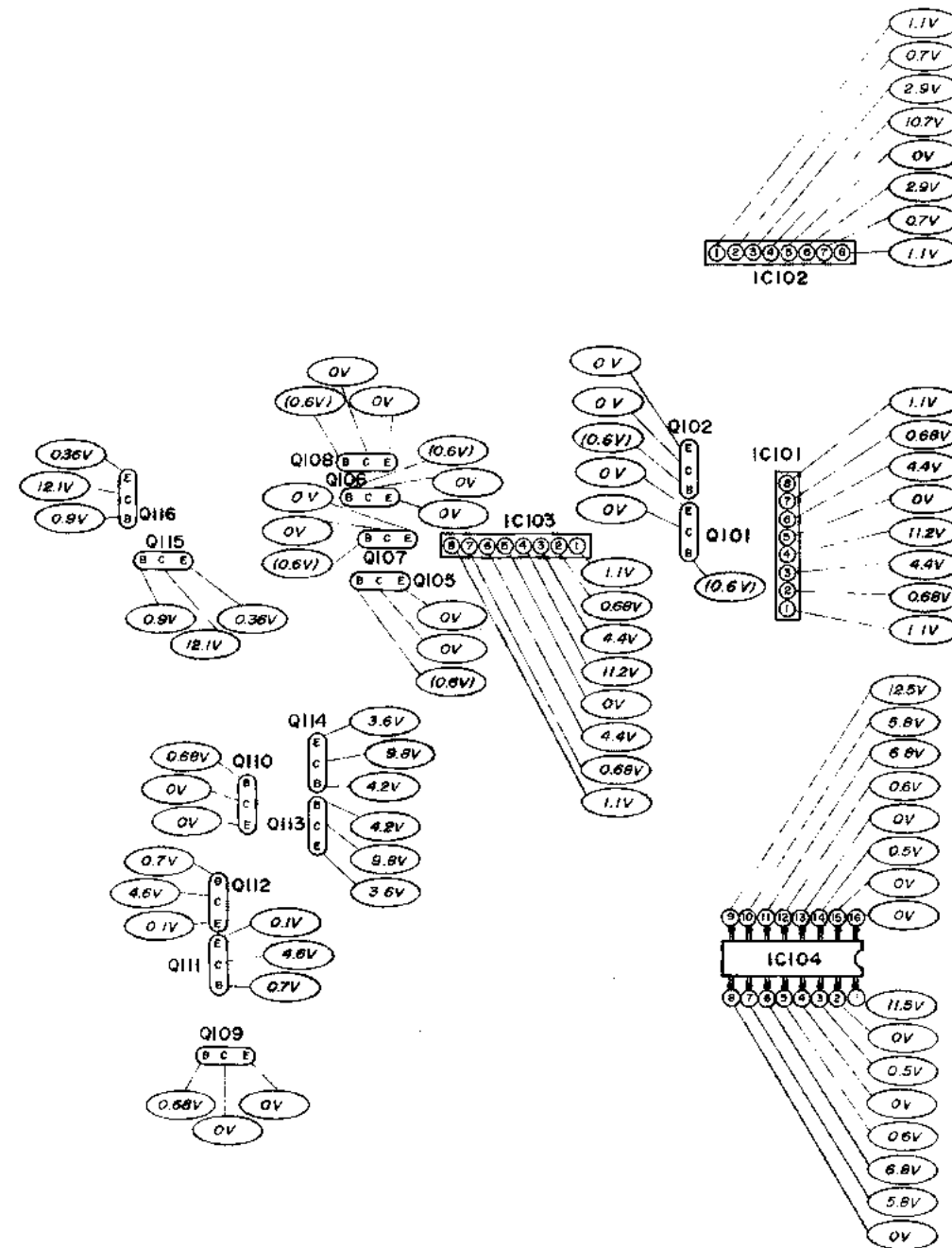
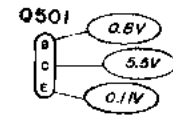


Figure 8-6



- Voltage measurement at each section should follow the same conditions as stated on pages 27 and 28 "NOTES ON SCHEMATIC DIAGRAM" - Article 31.
- Supply voltage is DC 15V.

Figure 15 VOLTAGES ON PRINTED WIRING BOARD

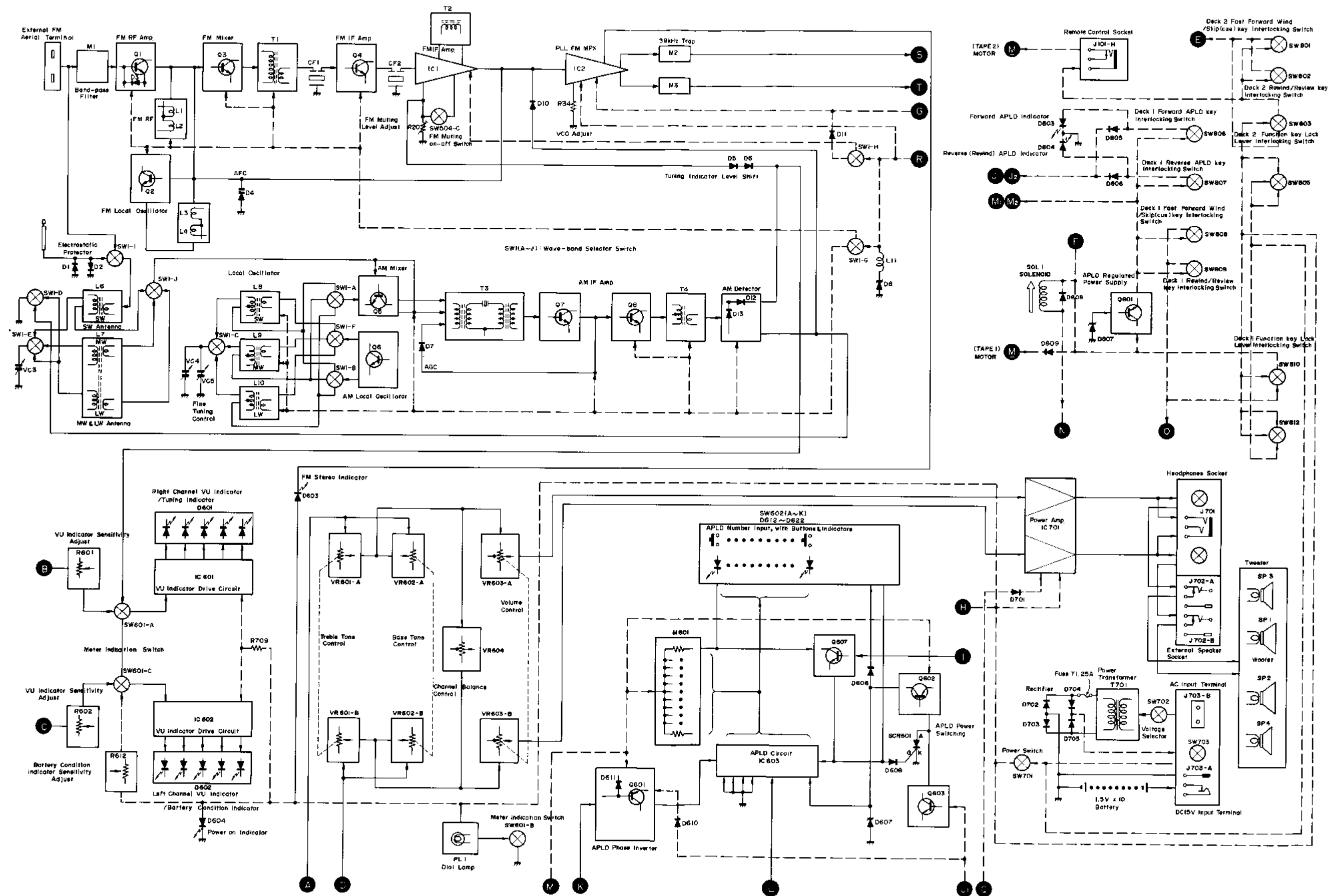


Figure 13 BLOCK DIAGRAM

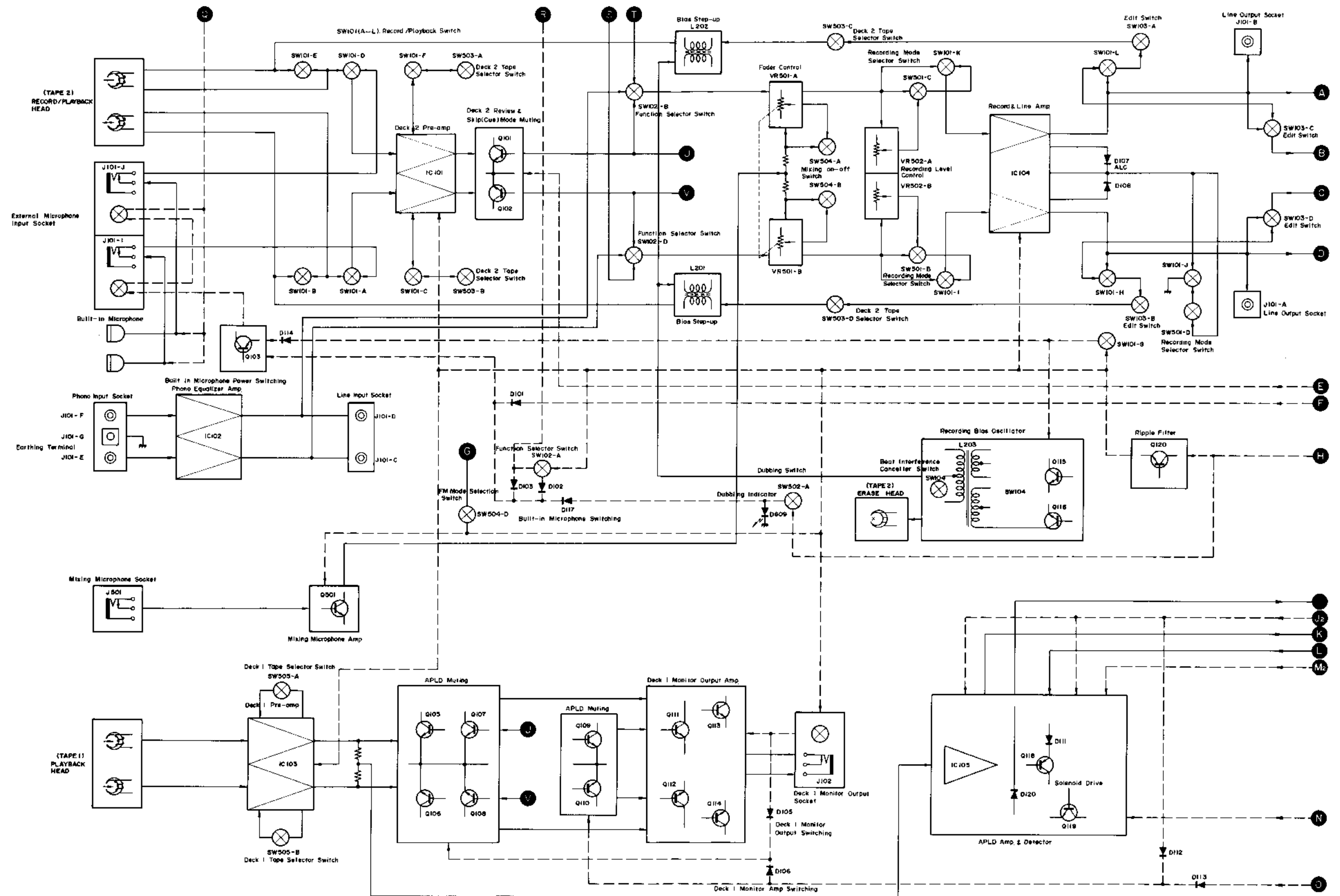


Figure 11 BLOCK DIAGRAM

- 3) Detach the headphones socket printed wiring board, and remove its wire holder.
- 4) Remove the two (2) screws at the power transformer, and detach the power supply printed wiring board by removing the hook on it.

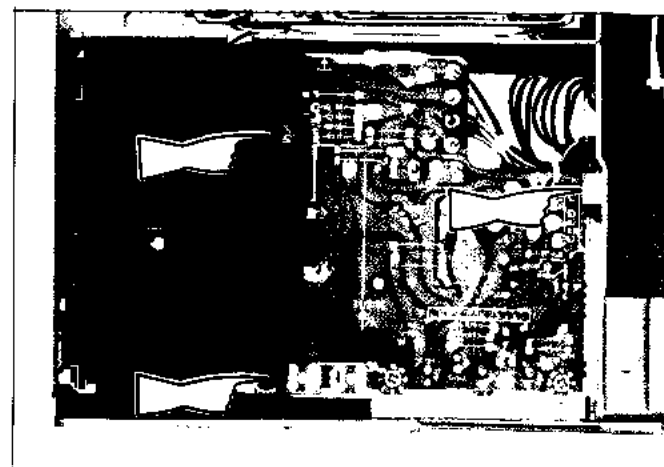


Figure 9-1

7. REMOVAL OF RECORD/PLAYBACK AMP. PRINTED WIRING BOARD AND SOCKETS/TERMINAL PRINTED WIRING BOARD

- 1) Remove the five (5) screws at the record/playback printed wiring board and also the three (3) at the sockets/terminal printed wiring board.
- 2) If necessary, further detach the built-in microphone and the deck-1 monitor output socket printed wiring board.

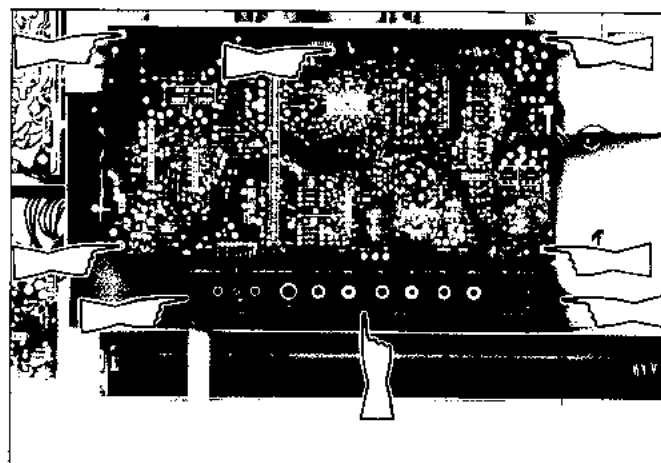


Figure 9-2

DIAL CORD STRINGING

- 1) Turn the drum fully clockwise and stretch its cord over the parts in the numerical order — as shown in Fig. 10-2.
- 2) Turn the tuning control shaft fully counterclockwise, bring the pointer (the rightmost) to align it with the marked-off line of the pointer guide plate, then fix it firmly. See Fig. 10-1.

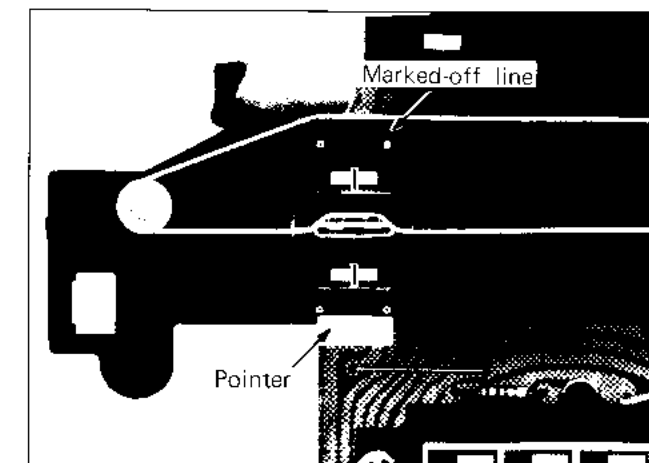


Figure 10-1

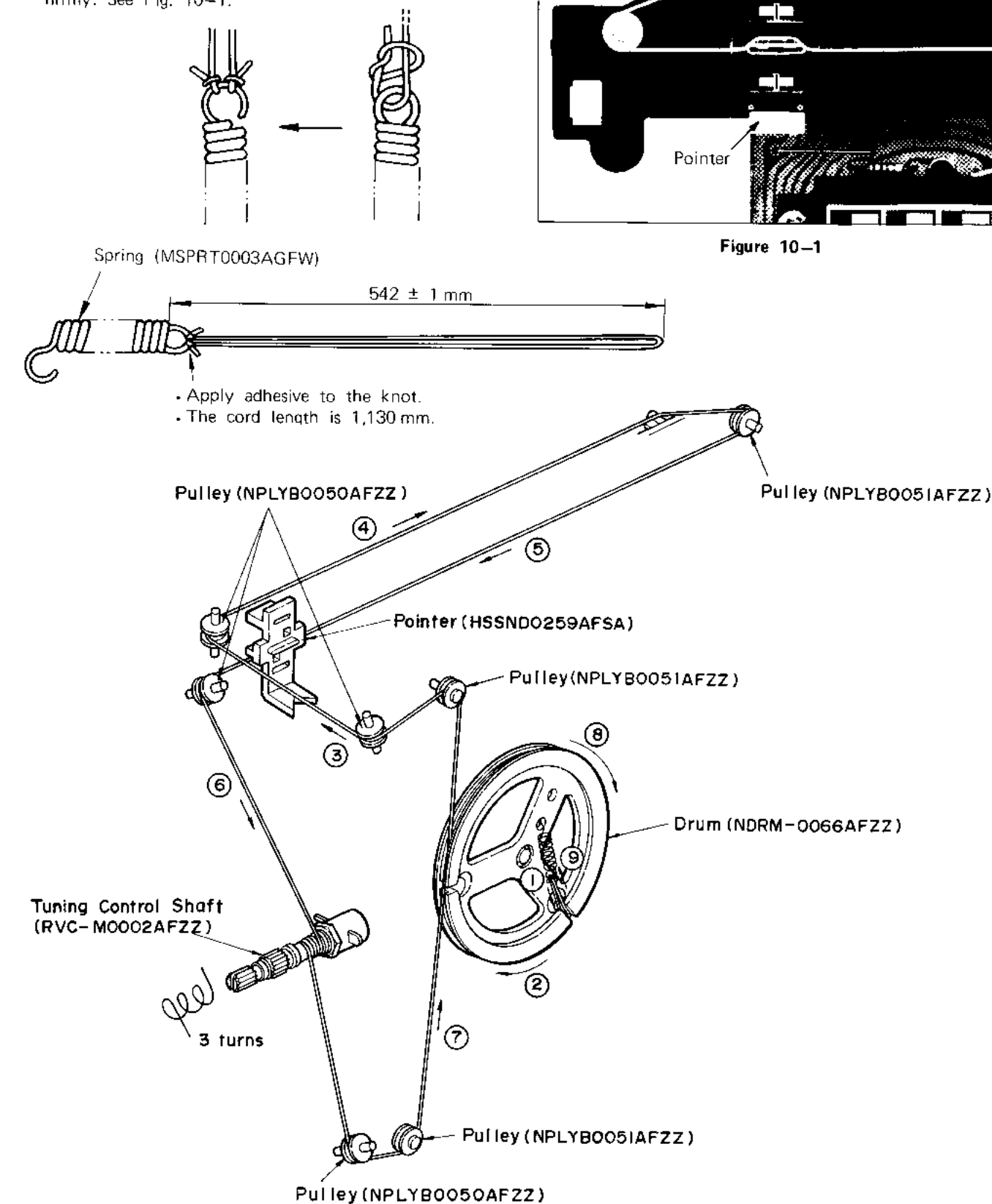
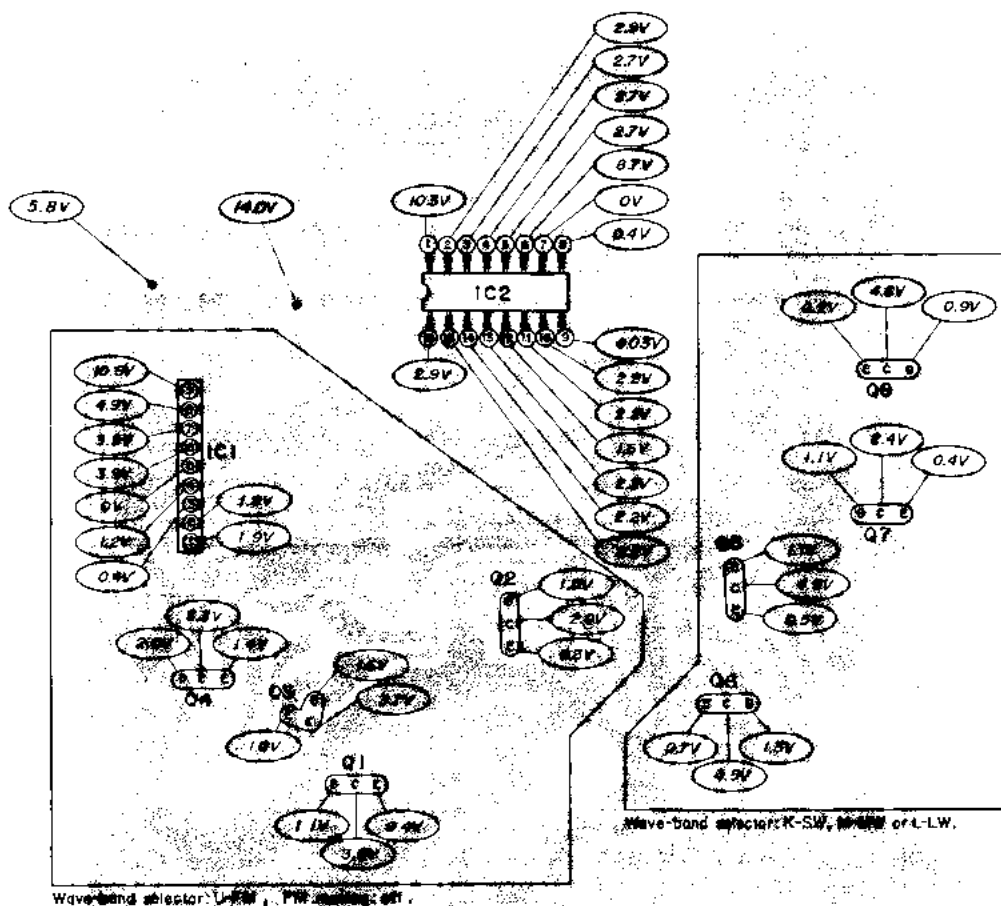
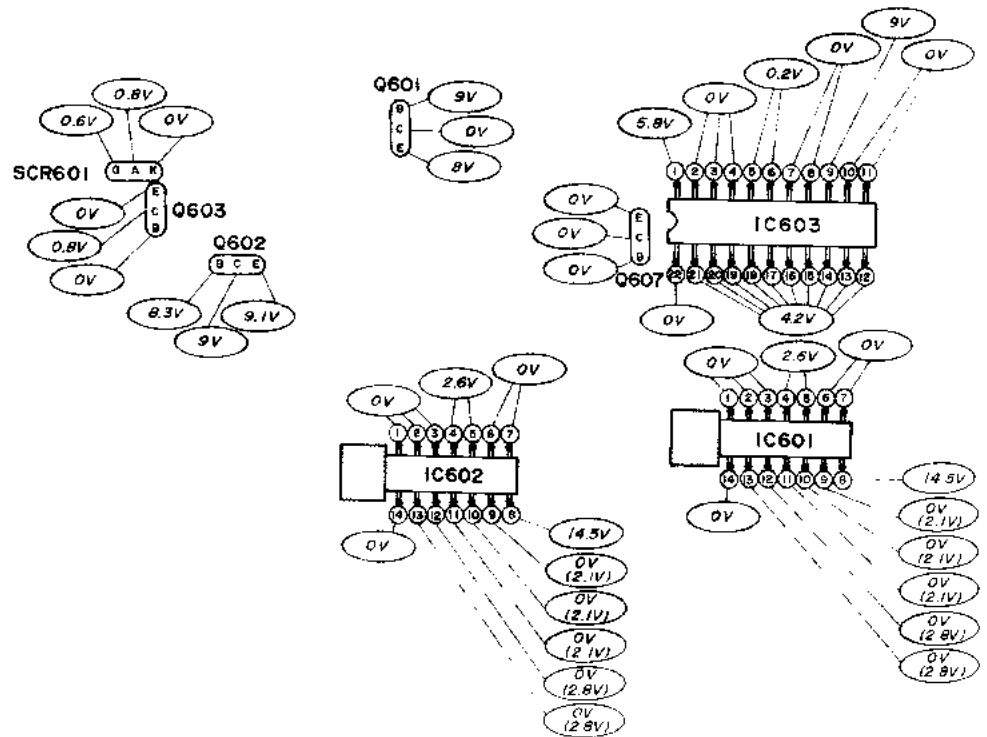


Figure 10-2



- Voltage measurement at each section should follow the same conditions as stated on pages 27 and 28 "NOTES ON SCHEMATIC DIAGRAM" — Article 31.
- Supply voltage is DC 15V.

Figure 17 VOLTAGES ON PRINTED WIRING BOARD



- Voltage measurement at each section should follow the same conditions as stated on pages 27 and 28 "NOTES ON SCHEMATIC DIAGRAM" — Article 31.
- Supply voltage is DC 15V.

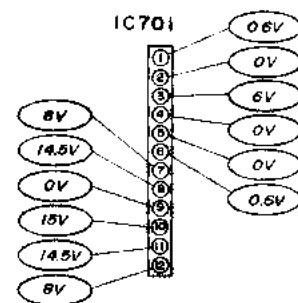


Figure 18 VOLTAGES ON PRINTED WIRING BOARD

IC1 RH-IX1083AFZZ (TA7303P-CSHARP3)

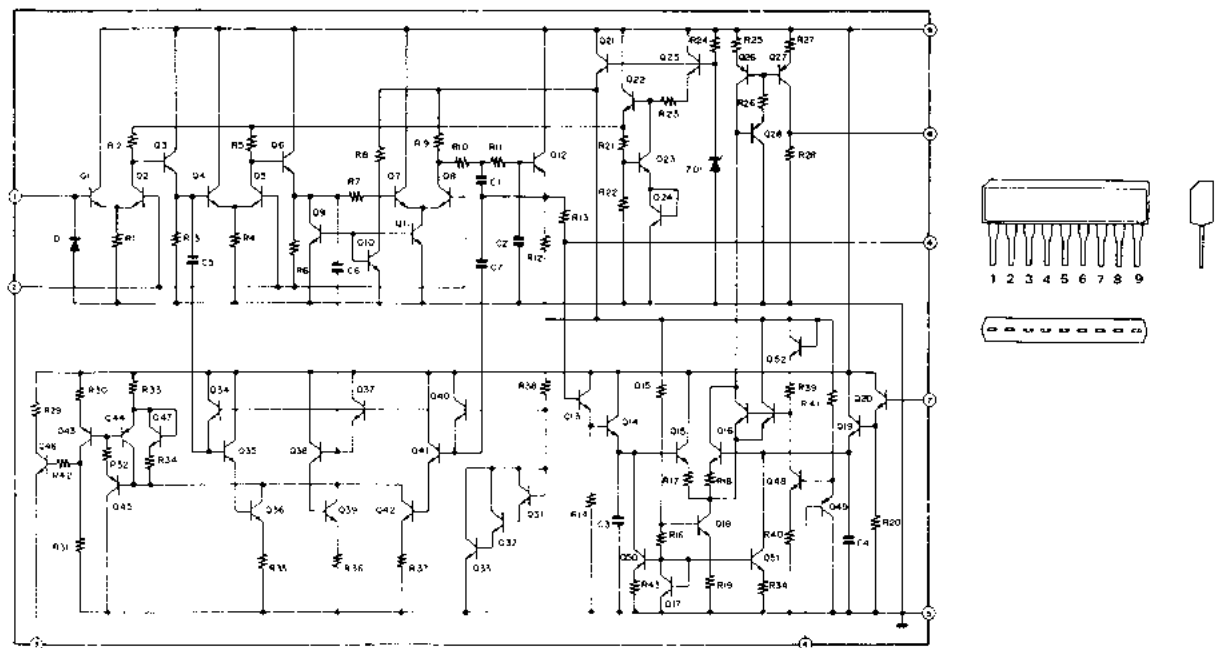


Figure 19-1 EQUIVALENT CIRCUIT OF INTEGRATED CIRCUIT (IC1)

IC101, IC102 & IC103 RH-IX1079AFZZ (M51521L)

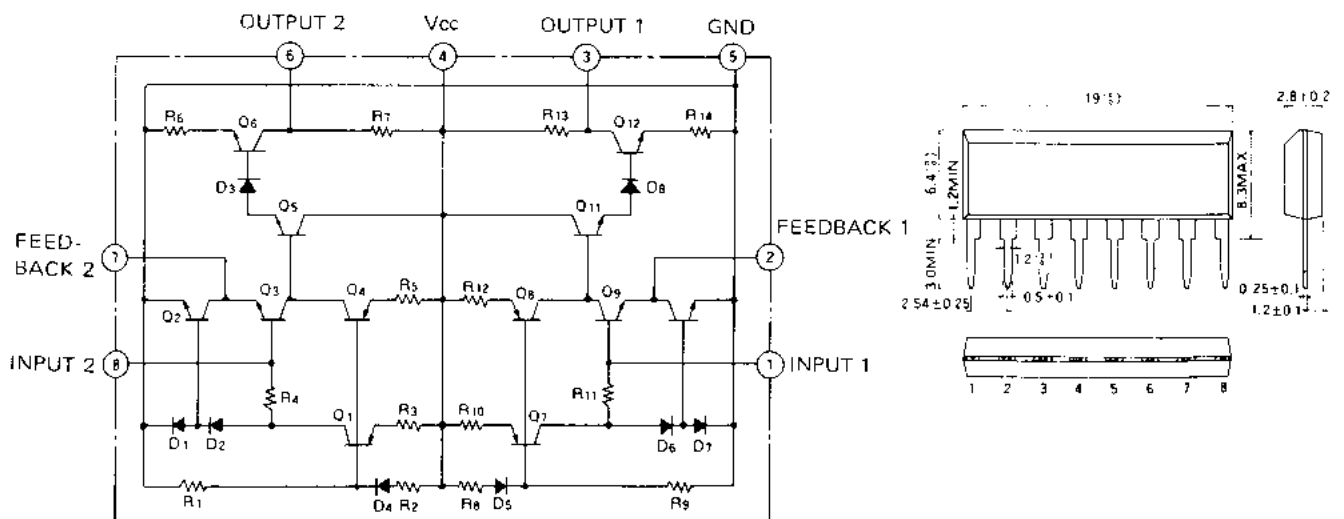


Figure 19-2 EQUIVALENT CIRCUIT OF INTEGRATED CIRCUIT (IC101, IC102 & IC103)

IC2 RH-IX1082AFZZ (BA1320)

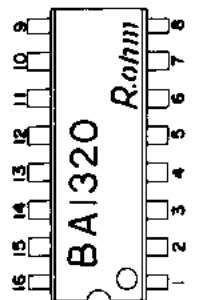
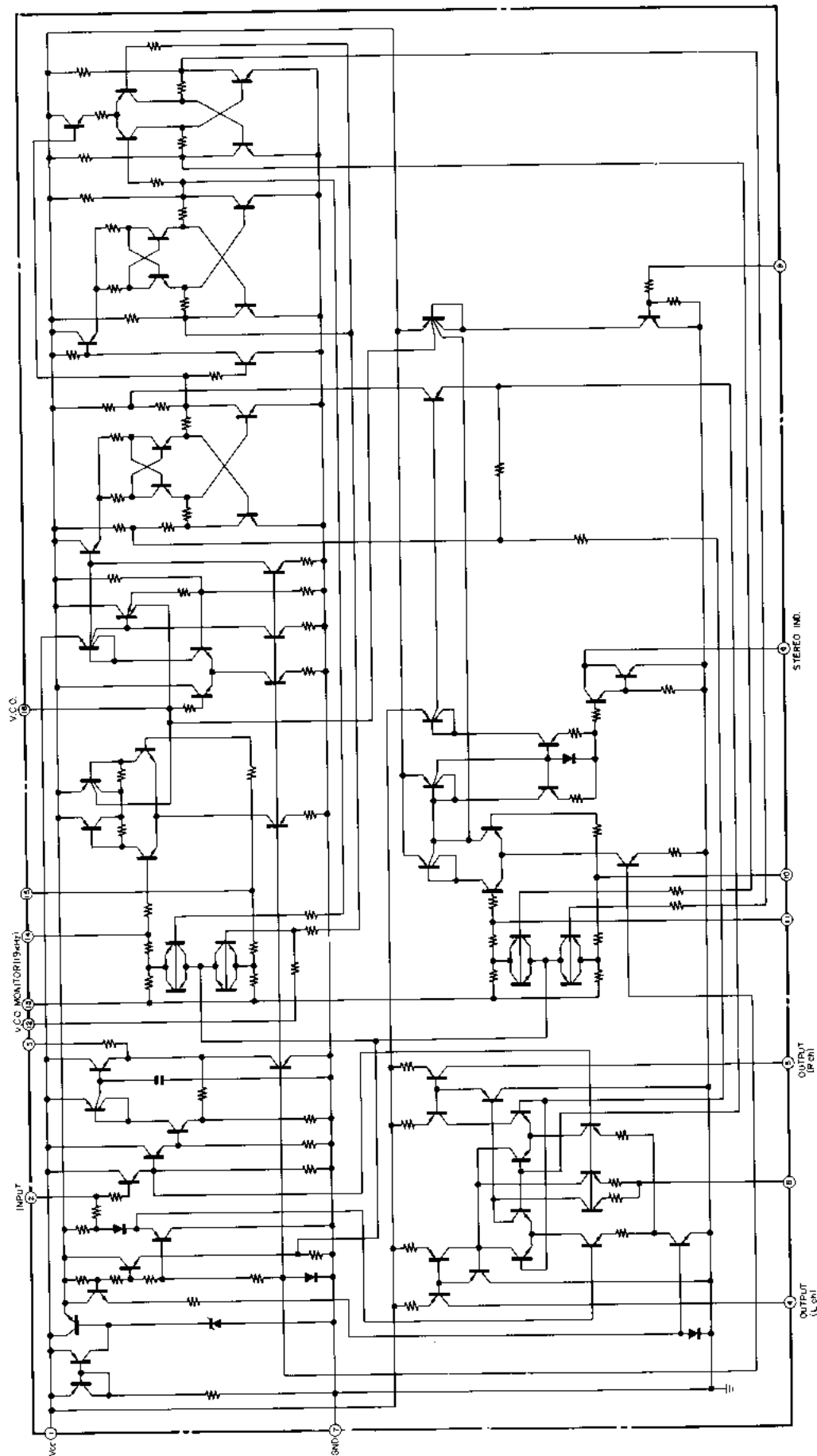


Figure 20 EQUIVALENT CIRCUIT OF INTEGRATED CIRCUIT (IC2)

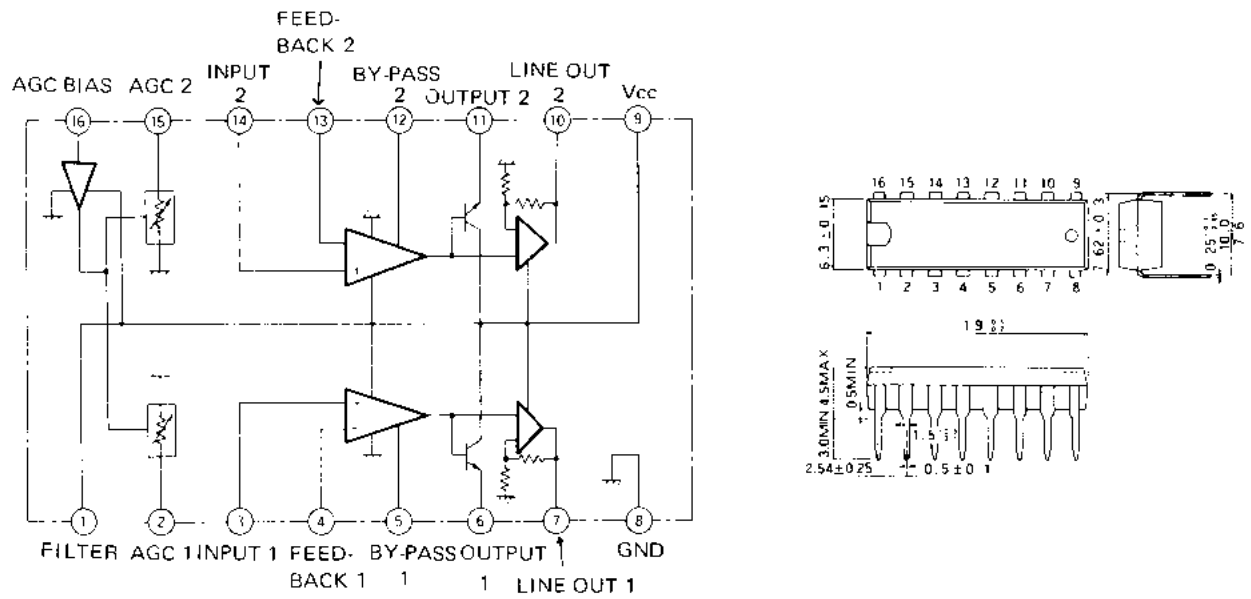


Figure 21-1 BLOCK DIAGRAM OF INTEGRATED CIRCUIT (IC104)

IC105 VHHR3108/-1 (IR3108)

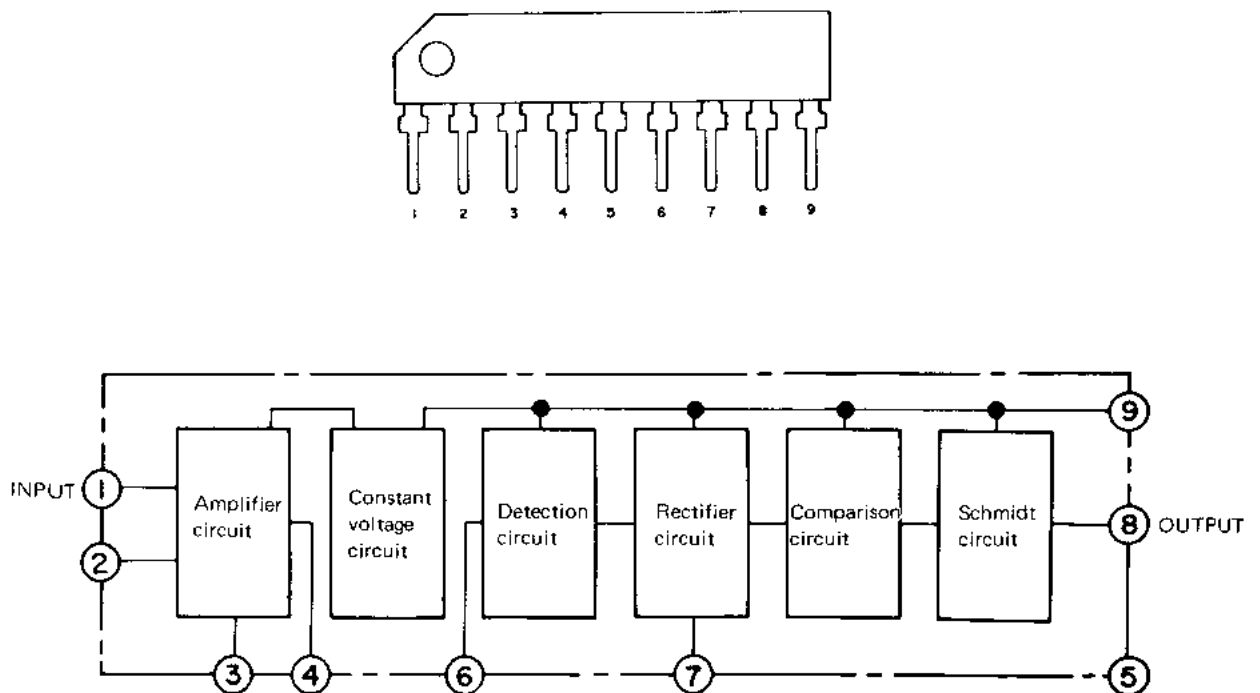


Figure 21-2 BLOCK DIAGRAM OF INTEGRATED CIRCUIT (IC105)

IC601, IC602 VHILB1416//1 (LB1416SA/SB)

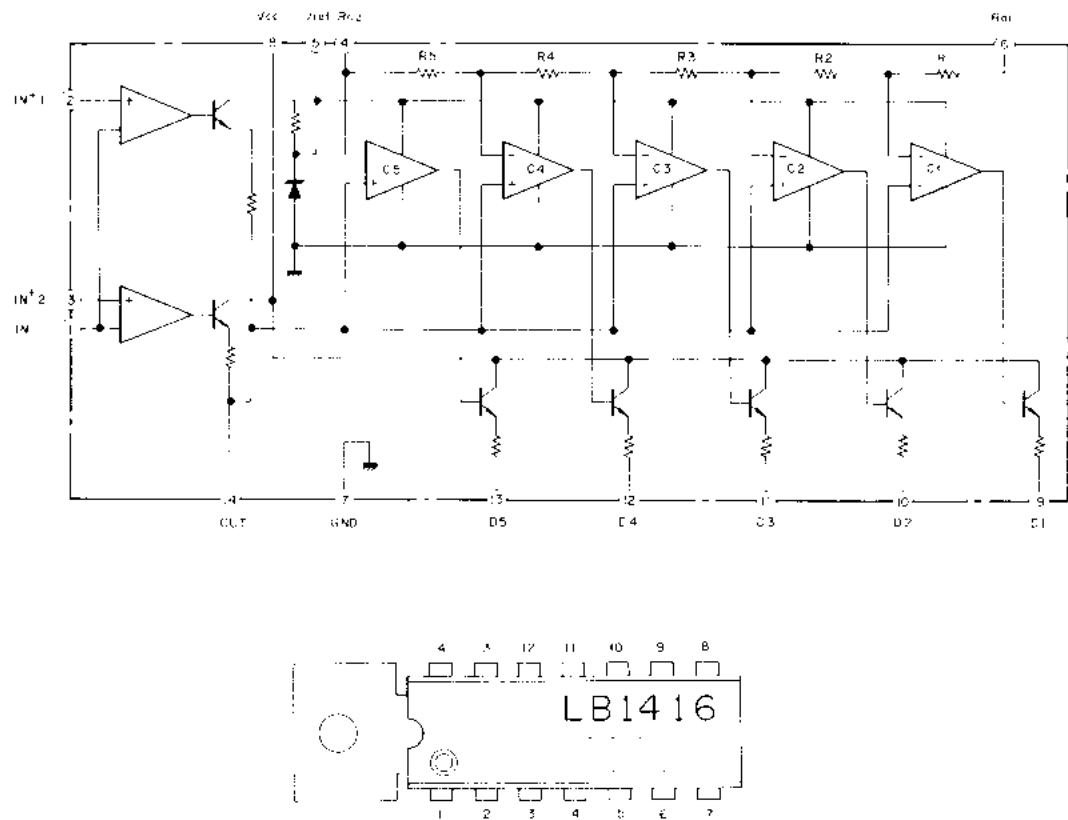


Figure 22 EQUIVALENT CIRCUIT OF INTEGRATED CIRCUIT (IC601, IC602)

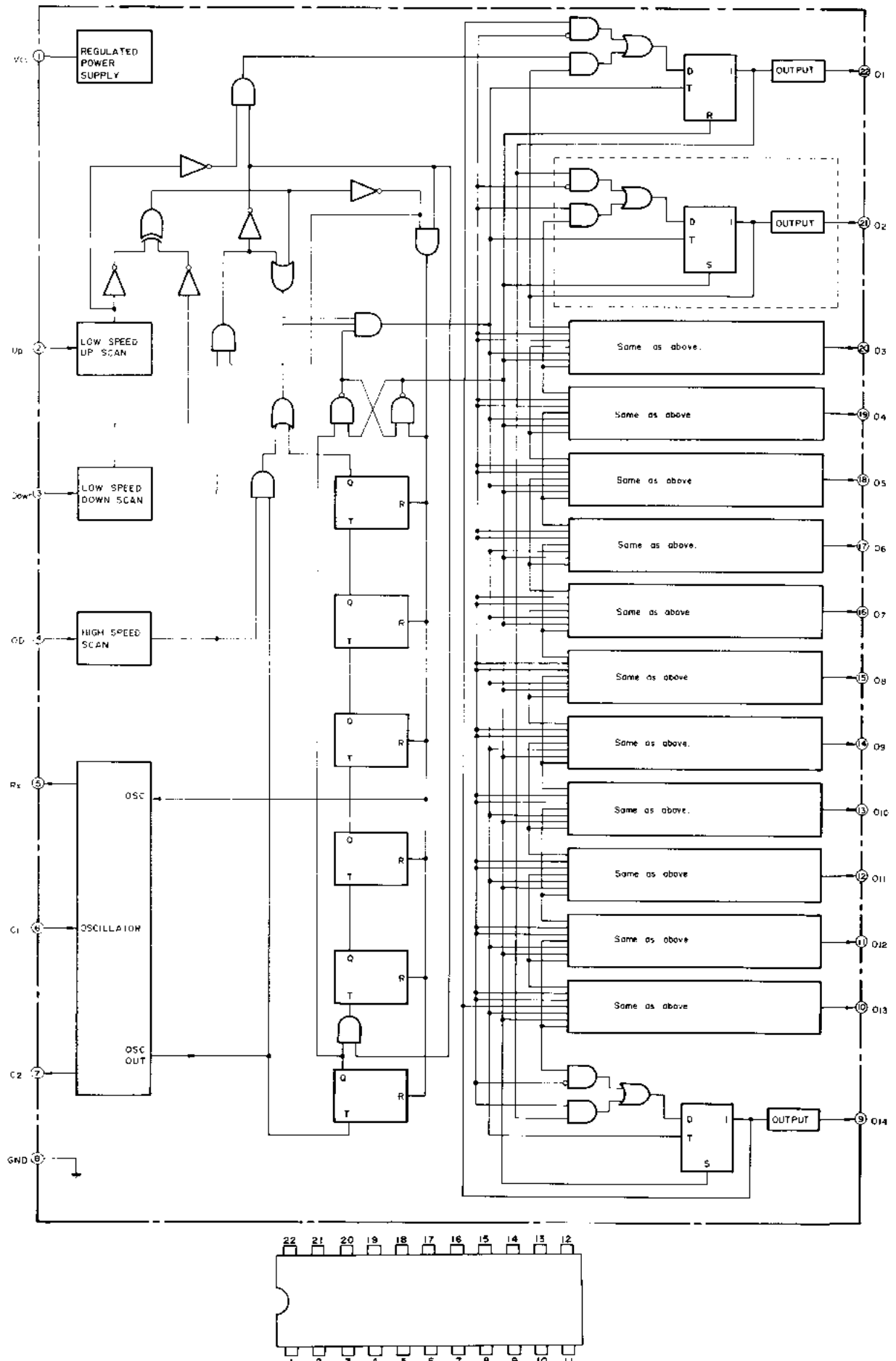


Figure 23 EQUIVALENT CIRCUIT OF INTEGRATED CIRCUIT (IC603)

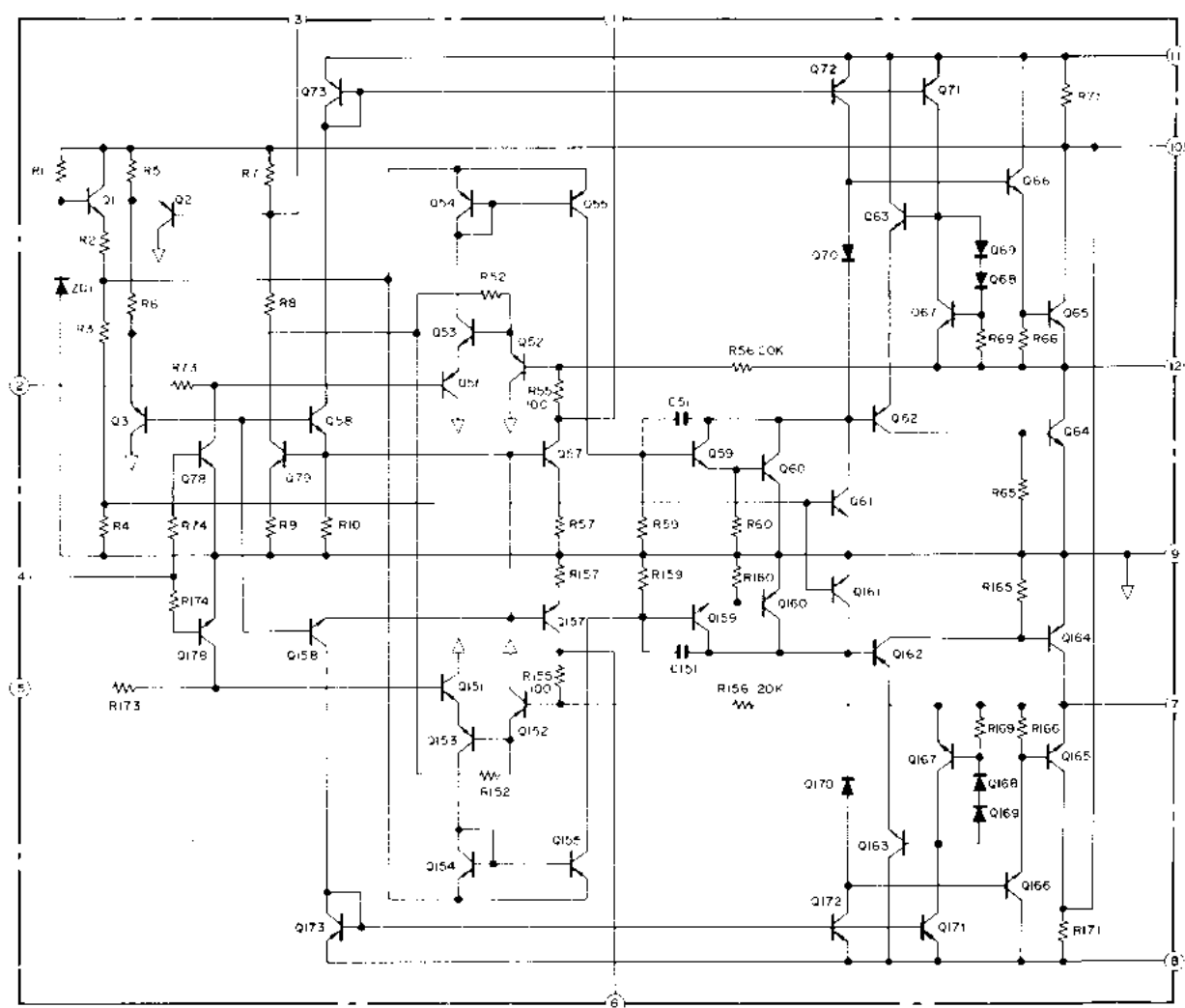
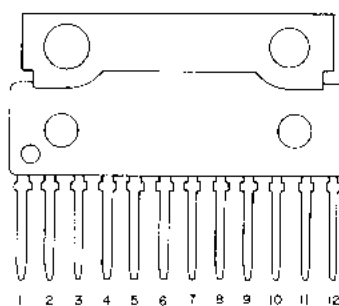


Figure 24 EQUIVALENT CIRCUIT OF INTEGRATED CIRCUIT (IC701)

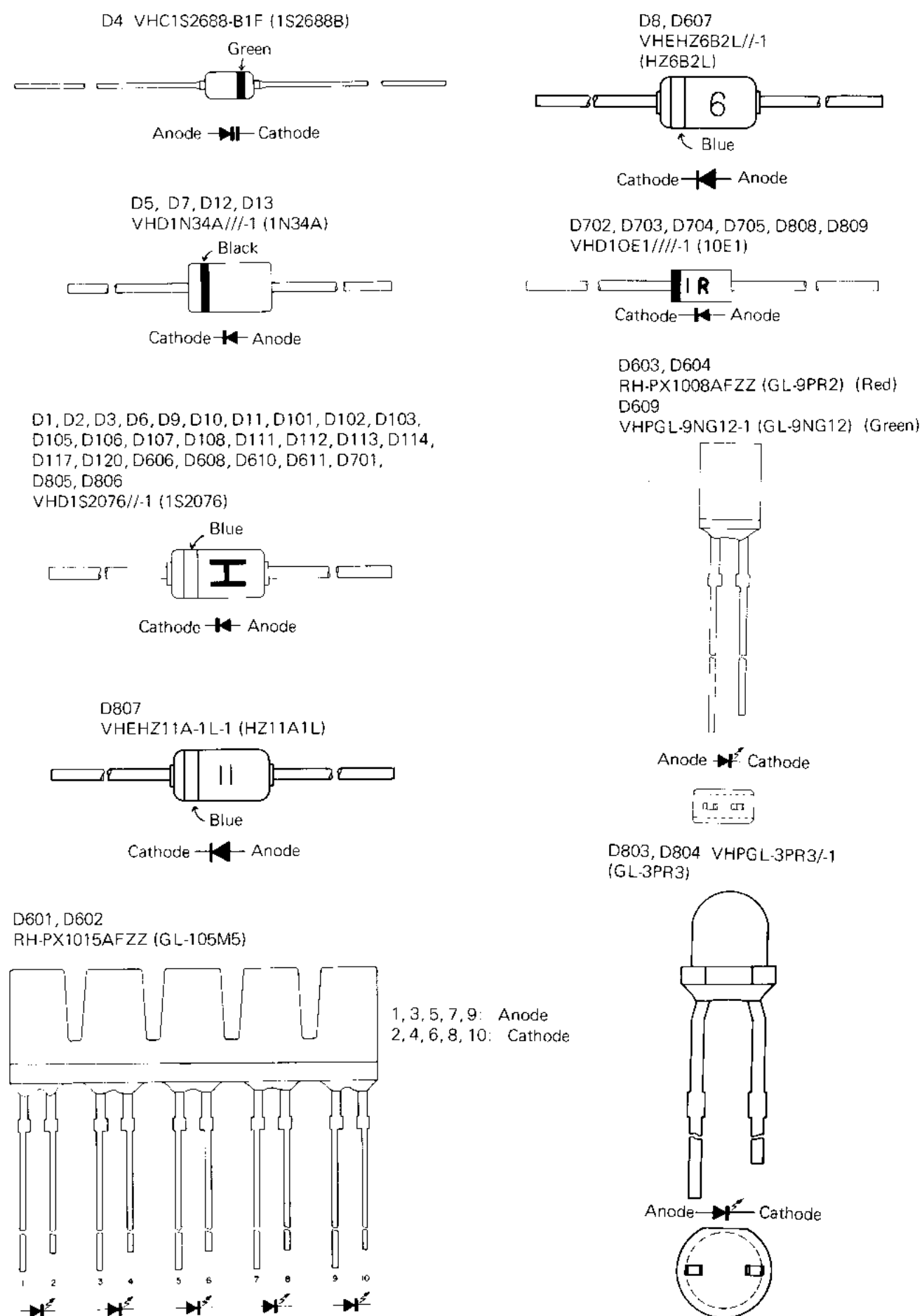


Figure 25 DIODES TYPE

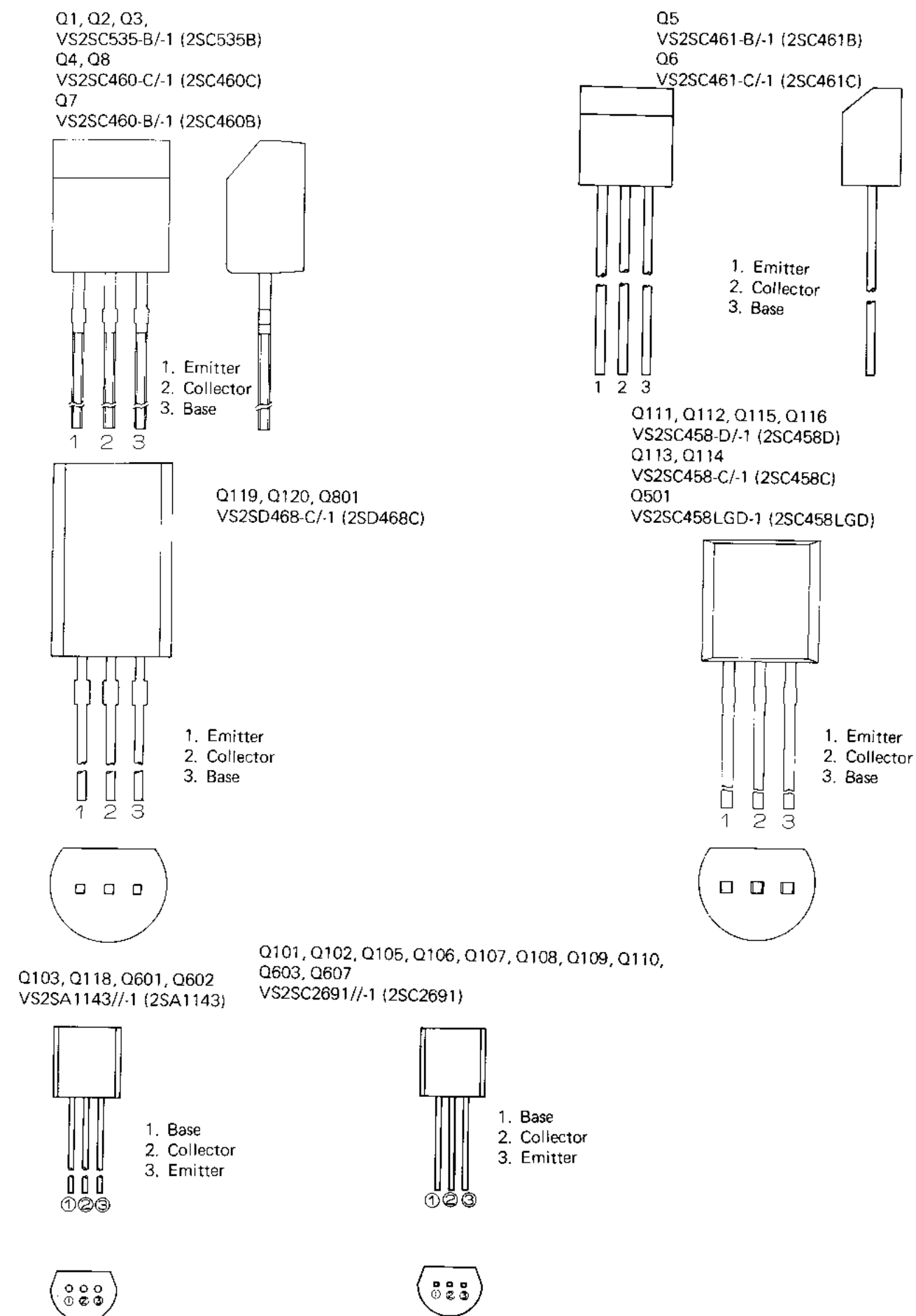


Figure 26 TRANSISTORS TYPE

NOTES ON SCHEMATIC DIAGRAM

1. Frequency range:
 - LW; 150 kHz to 285 kHz
 - MW; 520 kHz to 1620 kHz
 - SW; 5.95 MHz to 18 MHz
 - FM; 87.6 MHz to 108 MHz
2. Intermediate frequency:
 - LW/MW/SW; 455 kHz
 - FM; 10.7 kHz
3. Resistor:
 - Unless otherwise specified, any resistance is expressed in ohms. K = 1000 ohms and M = 1000 Kohms. The rated power is 1/4 W.
 - The symbol " $\text{---}\overline{\text{W}}\text{---}$ " means ordinary resistor and the symbol " $\text{---}\overline{\text{W}}\text{---}$ " means printed resistor.
4. Capacitor:
 - Unless otherwise specified, any capacitance is expressed in microfarad. P = picofarad
 - The types of capacitors are seen from the symbols ML (mylar capacitor), Styrol (polystyrene film capacitor) and CH (temperature compensating ceramic capacitor).
5. Electrolytic capacitor:

The expression "capacitance/withstand voltage" is used.
6. SW1 (A ~ J): Wave-band selector switch (shown in "U-FM" position)
7. SW101 (A ~ L): Record/Playback switch (shown in play-back mode)
8. SW102 (A ~ D): Function selector switch (shown in "tape" position)
9. SW103 (A ~ D): Edit switch (without the edit key being pushed)
10. SW104: Beat interference canceller switch (shown in "B" position)
11. SW501 (B ~ D): Recording mode selector switch (shown in "auto" position)
12. SW502 A: Dubbing switch (shown in "off" position)
13. SW503 (A ~ D): Deck 2 tape selector switch (shown in "normal" position)
14. SW504 (A, B): Mixing on-off switch (shown in "off" position)
15. SW504C: FM muting on-off switch (shown in "off" position)
16. SW504D: FM mode selection switch (shown in "mono" position)
17. SW505 (A, B): Deck 1 tape selector switch (shown in "normal" position)
18. SW601 (A ~ C): Meter indication selector switch (shown in "VU level" position)
19. SW602 (A ~ K): APLD number input switch
20. SW701: Power switch (shown in "sleep/ timer stand-by" position)
21. SW702: Voltage selector switch (shown in "220 V" position)
22. SW703: AC/DC selector switch
23. SW801: Deck 2 fast forward wind/skip (cue) key interlocking switch
24. SW802: Deck 2 rewind/review key interlocking switch
25. SW803, SW805: Deck 2 function key lock lever interlocking switch
26. SW806: Deck 1 forward APLD key interlocking switch
27. SW807: Deck 1 reverse APLD key interlocking switch

- 28. SW808: Deck 1 fast forward wind/skip (cue) key interlocking switch
- 29. SW809: Deck 1 rewind/review key interlocking switch
- 30. SW810, SW812: Deck 1 function key lock lever interlocking switch
- 31. The indicated voltage in each section is the one measured by VTVM between such a section and the chassis with no signal being given.
 - The voltage of the integrated circuit (IC1) is the one measurable when the wave-band selector switch (SW1) is set to "U-FM": its parenthesized value comes when the FM muting on-off switch (SW504C) is set to "on".
 - The voltage of the integrated circuit (IC2) is the one measurable when the wave-band selector switch (SW1) is set to "U-FM": its parenthesized value comes when the FM mode selector switch (SW504D) is set to "mono".
 - The voltage of the integrated circuit (IC105) is the one measurable when the deck 1 APLD forward key is pushed: its parenthesized value comes when a signal is applied to pin 1 of the IC105.

- The voltage of the integrated circuit (IC601) or (IC602) is the one measurable when the meter indication selector switch (SW601) is set to "VU level": its parenthesized value comes when the indicator (D601 or D602) lights up.
- The voltage of the integrated circuit (IC603) is the one measurable when the deck 1 APLD forward key is pushed: any of its pins 12 thru 22 comes to have zero potential when the APLD number indicator lights up.
- The voltage of the transistor (Q101 or Q102) is the one obtainable when the deck 2 playback key is pushed: its parenthesized value comes when the fast forward/cue (skip) key is pushed following that playback key.
- The voltage of either transistor Q105, Q106, Q107 or Q108 is the one obtainable when the deck 1 playback key is pushed: its parenthesized one arises when the deck 1 APLD forward key is pushed.
- The parenthesized voltage of the integrated circuit IC701 is the one available when recording is made through the built-in microphone — say, with the function selector switch set at "tape" and with the deck 2 record key pushed.

- The voltage of the radio circuit is the one available when the function selector switch is set at "radio" to tune in the highest frequency — its prefixed comment "FM" or "AM" means that the wave-band selector switch must be set to "U-FM" or to "K-SW" ("M-MW" or "L-LW").
- The voltage of the transistor Q103 is the one measurable when recording is made through the built-in microphone — say, with the function selector switch set at "tape" and with the deck 2 record key pushed: its parenthesized value comes when the built-in microphone is made inactive with the dubbing switch set at "on" although the unit stays in record mode.
- The voltage of the transistor (Q115 or Q116) is the one measurable when the deck 2 record key is pushed to get the unit in record mode.
- The voltage of either transistor Q118, Q119, Q601, Q602, Q603, Q607 or Q801 is the one measurable when the deck 1 APLD forward key is pushed.
- The voltage of either transistor Q111, Q112, Q113 or Q114 is the one measurable when the headphone plug is inserted into the deck 1 monitor output socket.

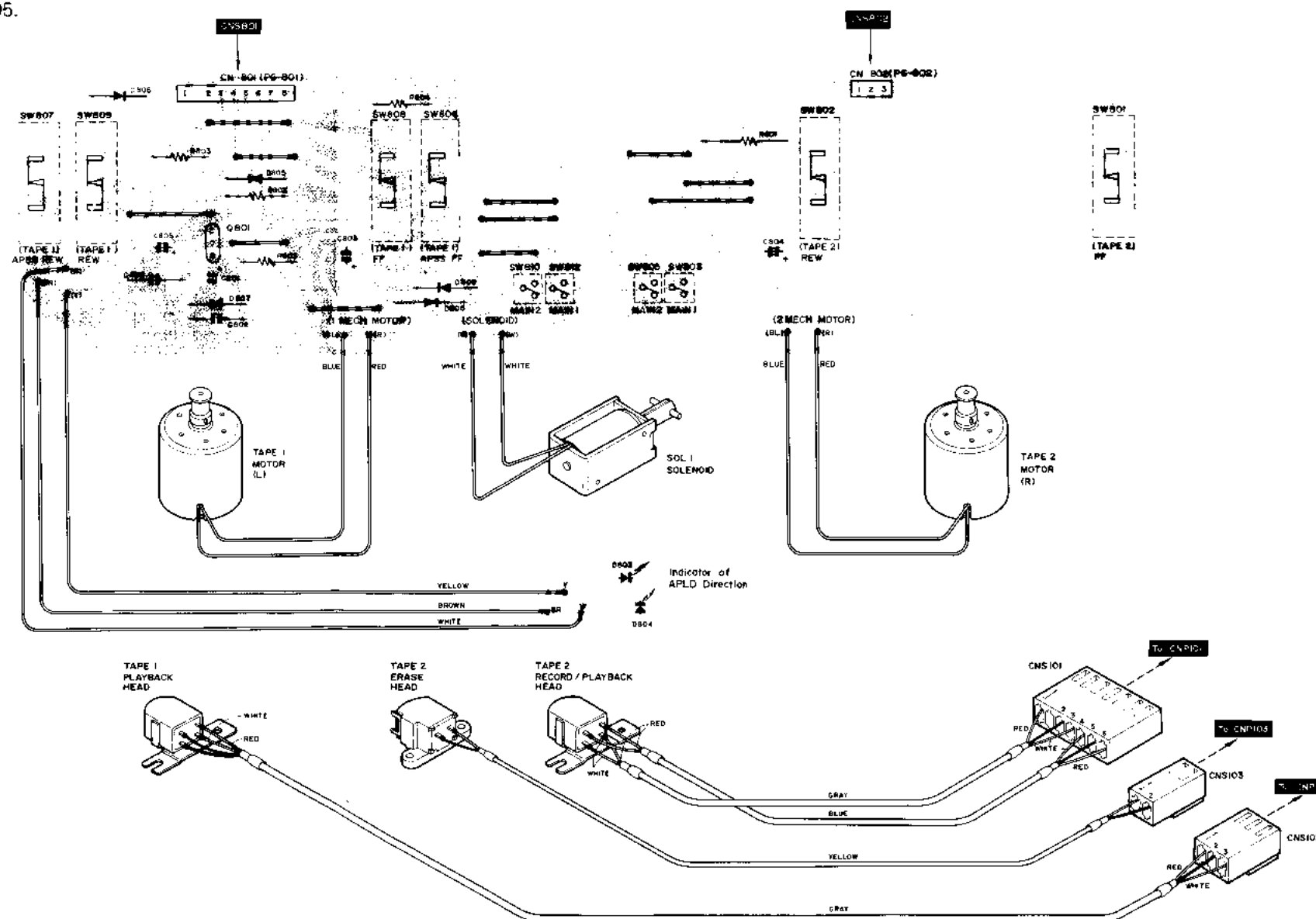


Figure 27 WIRING SIDE OF PRINTED WIRING BOARD (1/4)

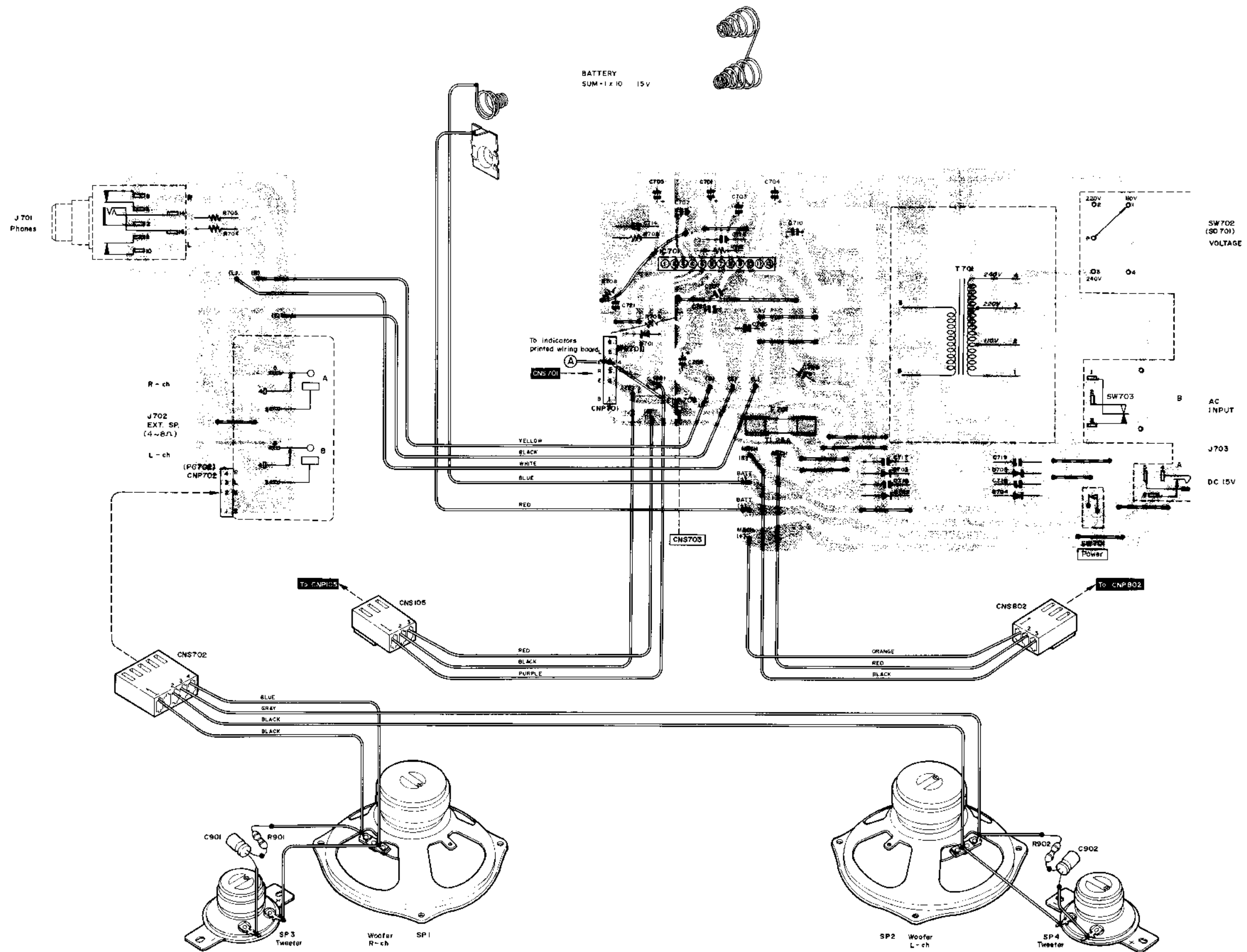
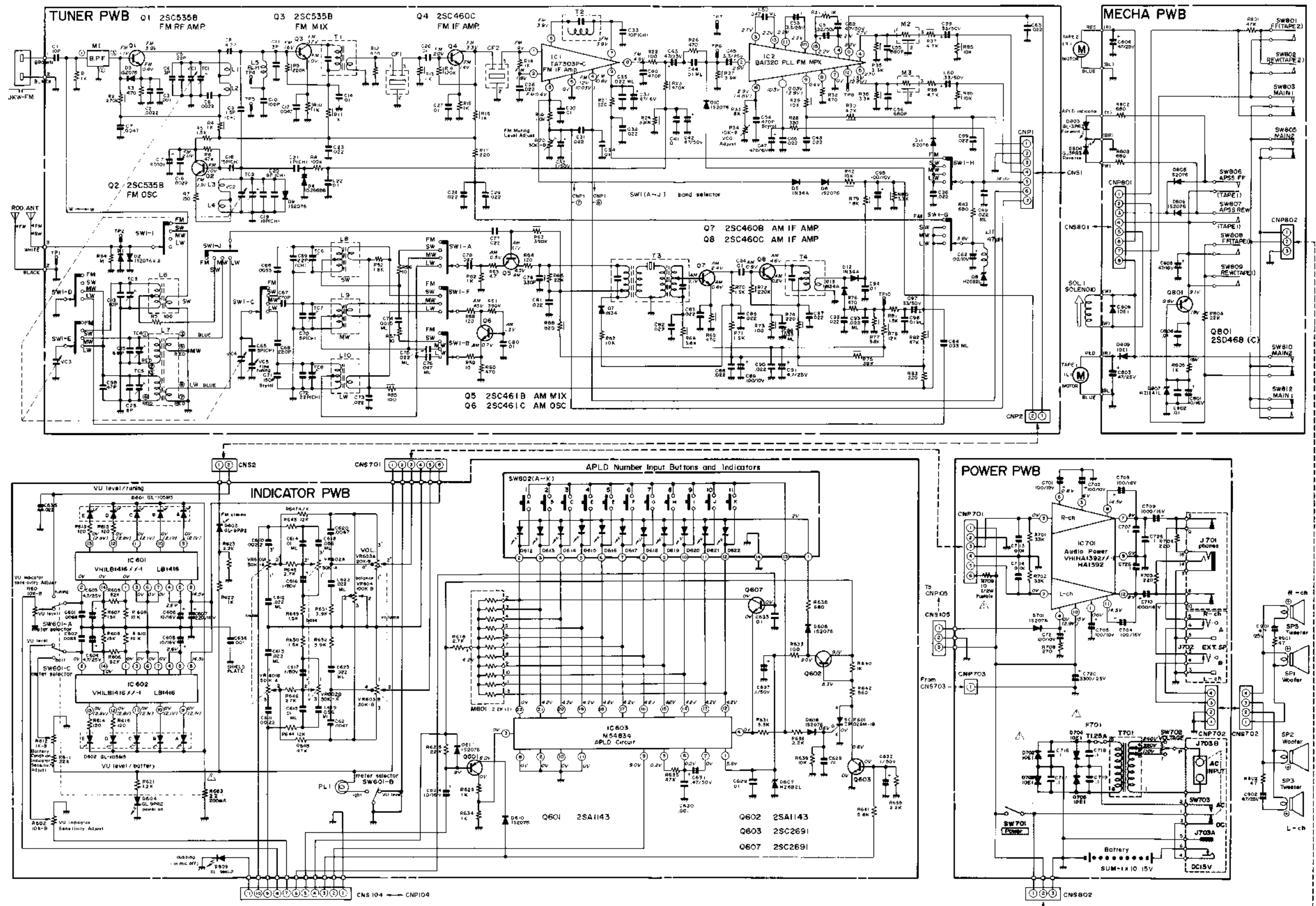


Figure 29 WIRING SIDE OF PRINTED WIRING BOARD (2/4)



NOTES: Be sure to use regular parts for securing the safety and reliability of the set. Parts marked with "△" and parts cross-hatched (in black) are especially important for maintaining the safety and protecting ability of the set. Be sure to replace them with parts of specified part number.

Specifications or wiring diagrams of this model are subject to change for the improvement without prior notice.

Figure 33 SCHEMATIC DIAGRAM (1/2)

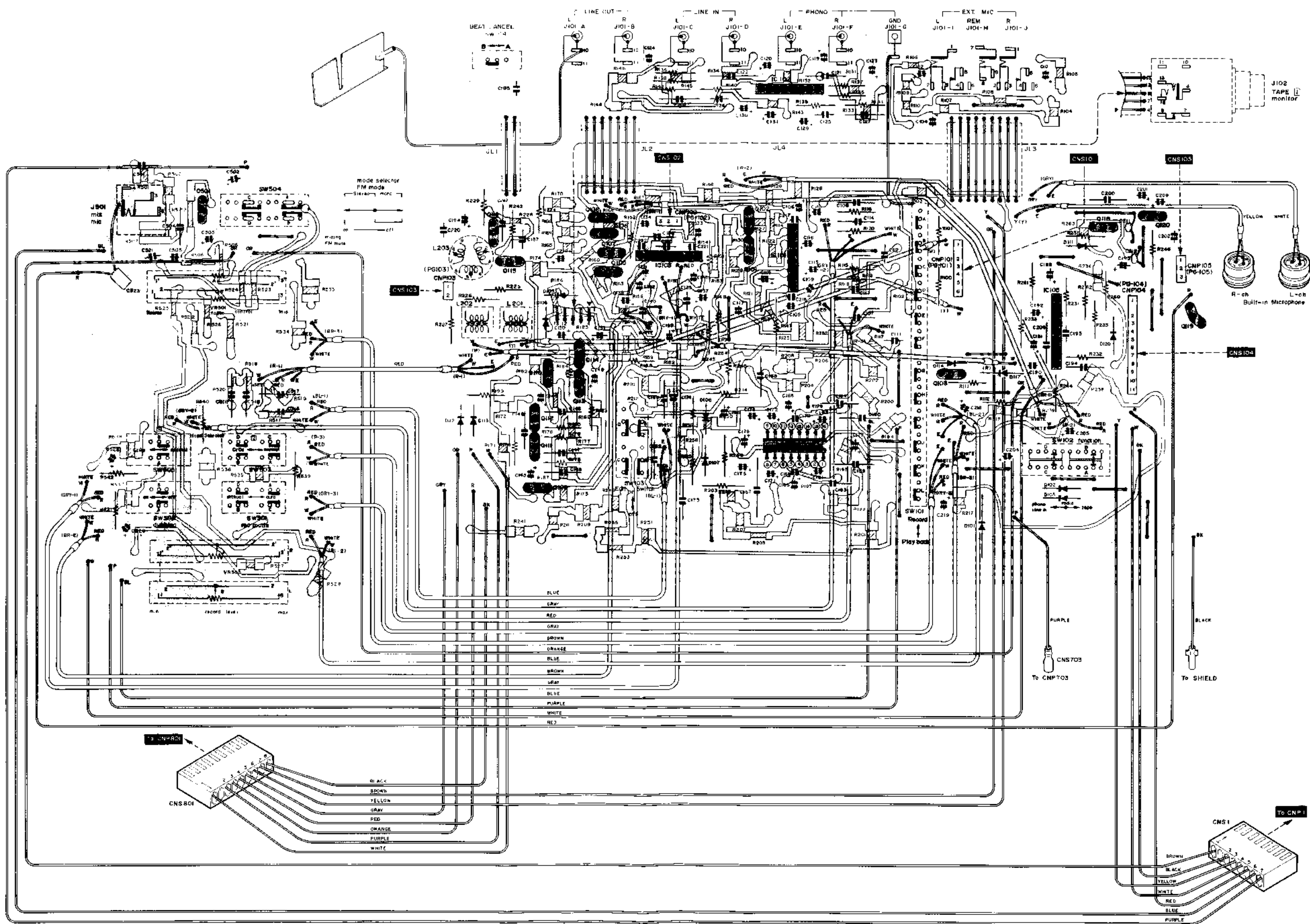
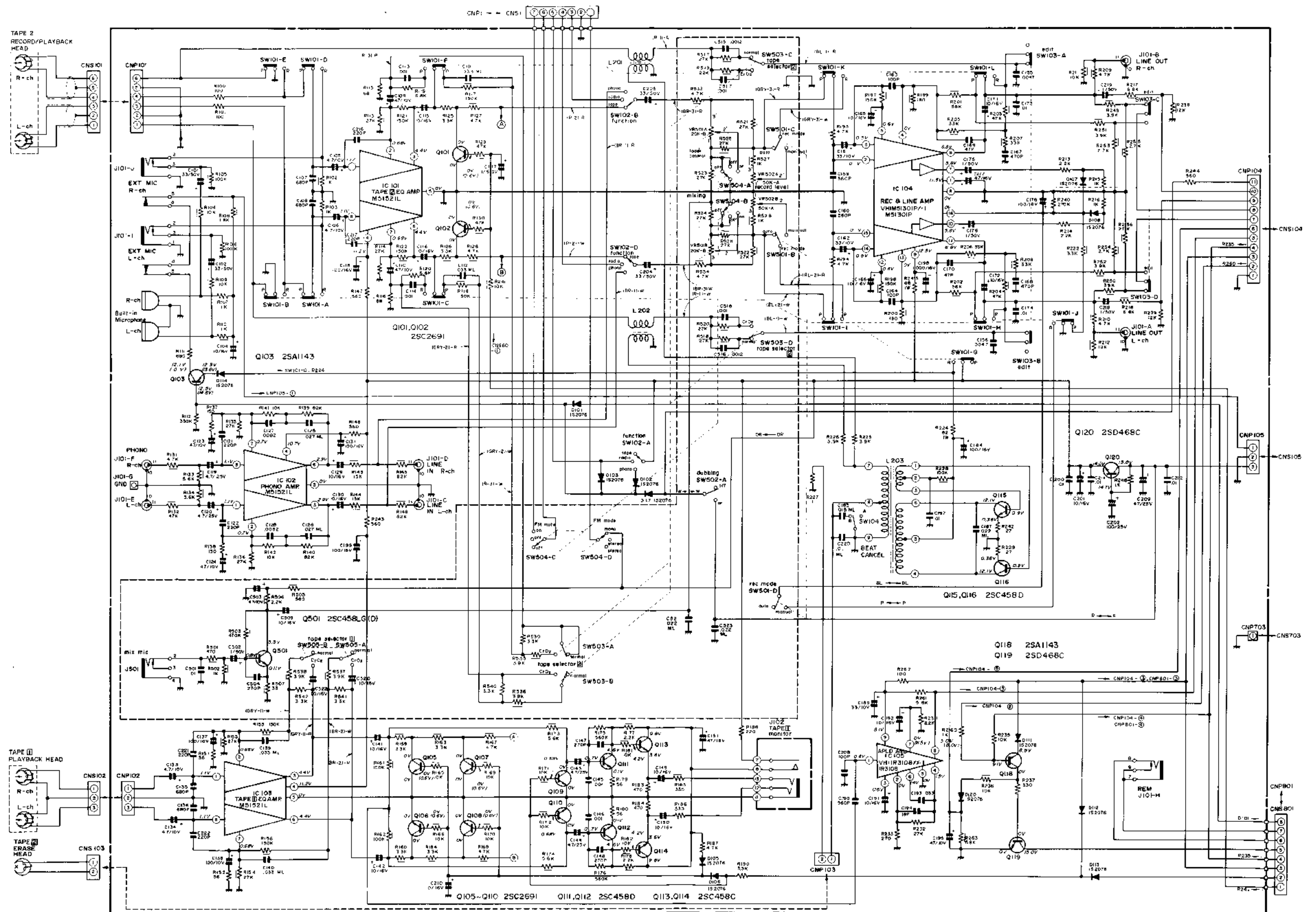


Figure 35 WIRING SIDE OF PRINTED WIRING BOARD (4/4)



Specifications or wiring diagrams of this model are subject to change for the improvement without prior notice.

Figure 37 SCHEMATIC DIAGRAM (2/2)

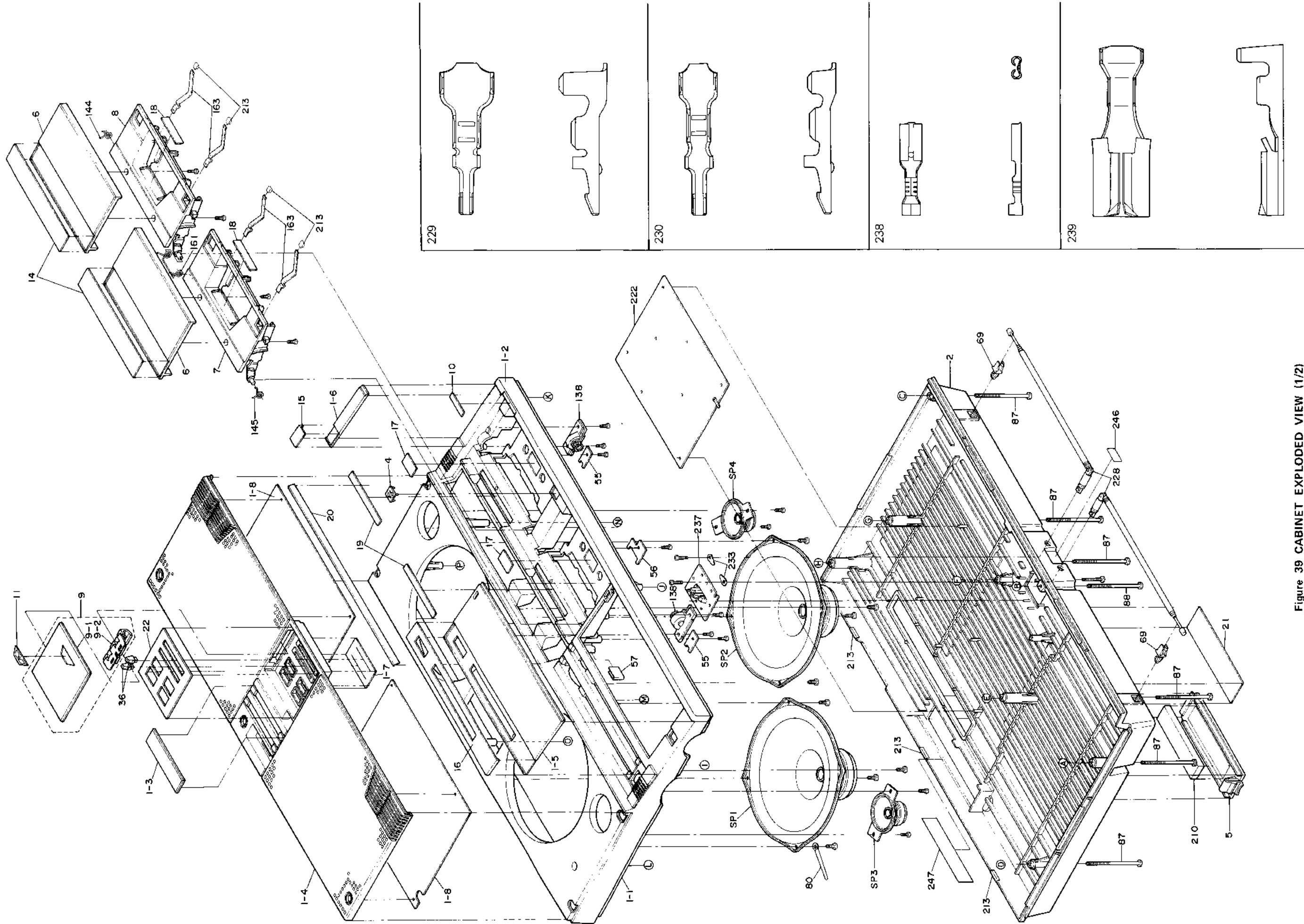


Figure 39 CABINET EXPLODED VIEW (1/2)

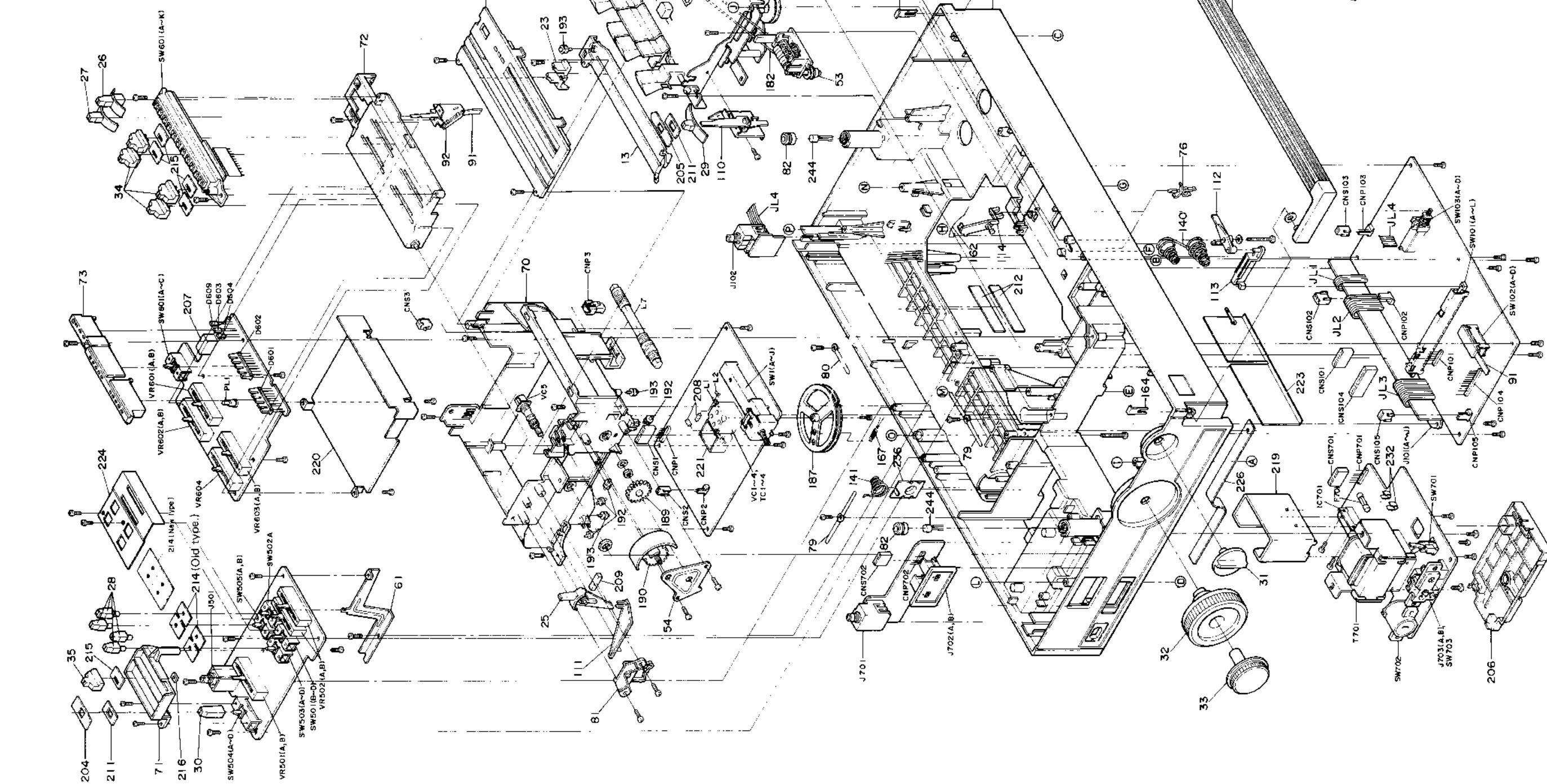


Figure 41 CABINET EXPLODED VIEW (2/2)

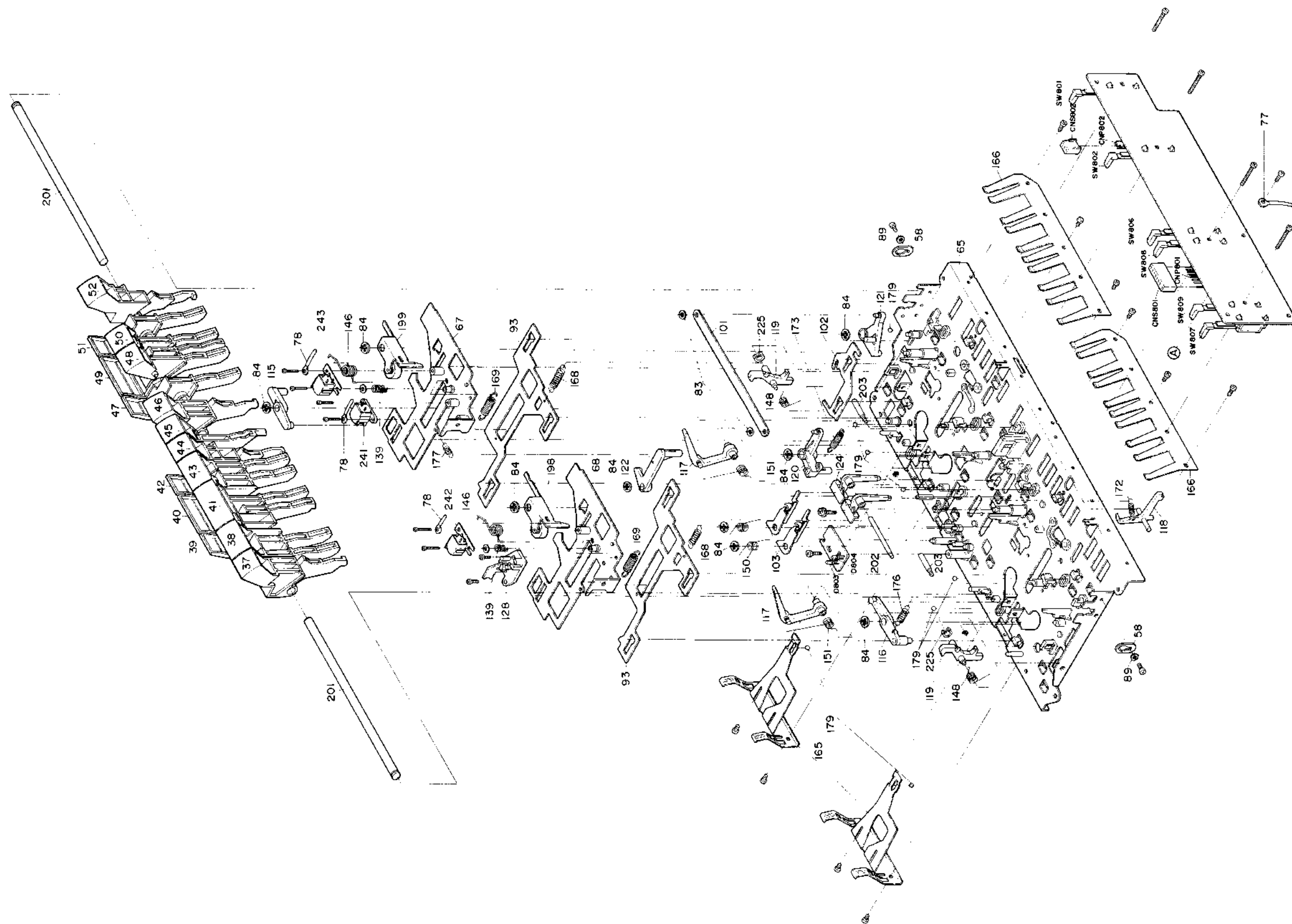


Figure 43 MECHANISM EXPLODED TOP VIEW

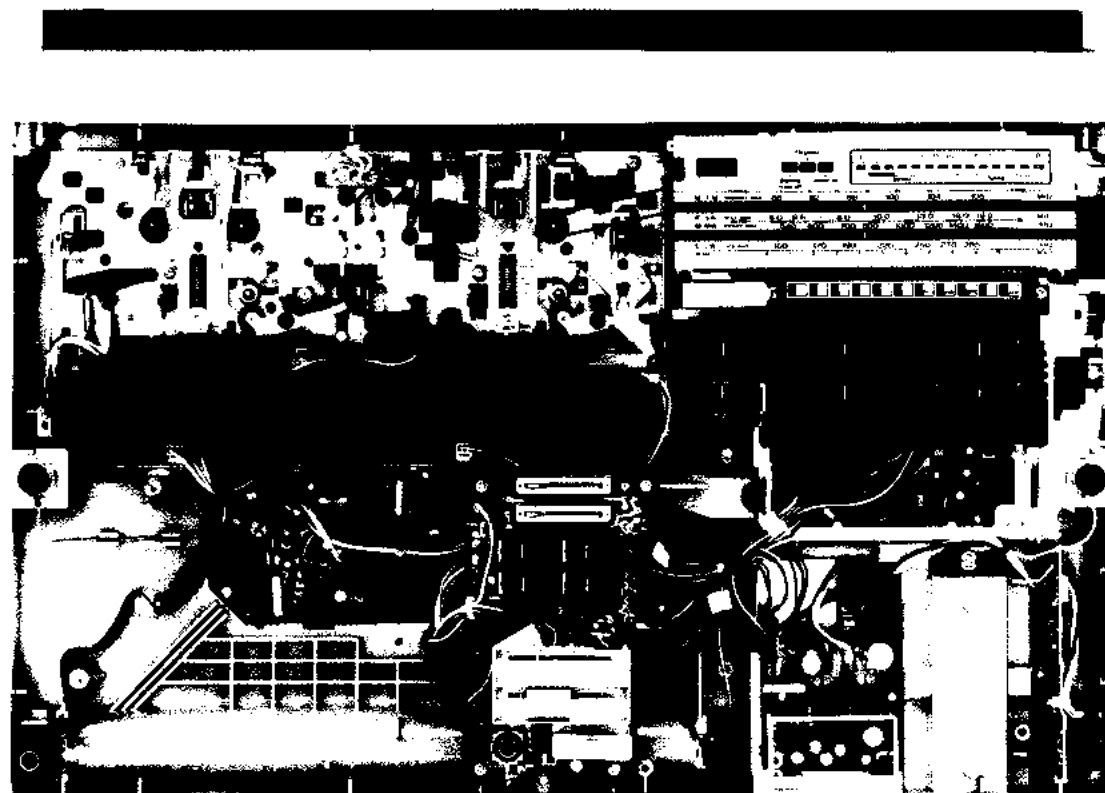


Figure 47-1 LOCATION OF PARTS

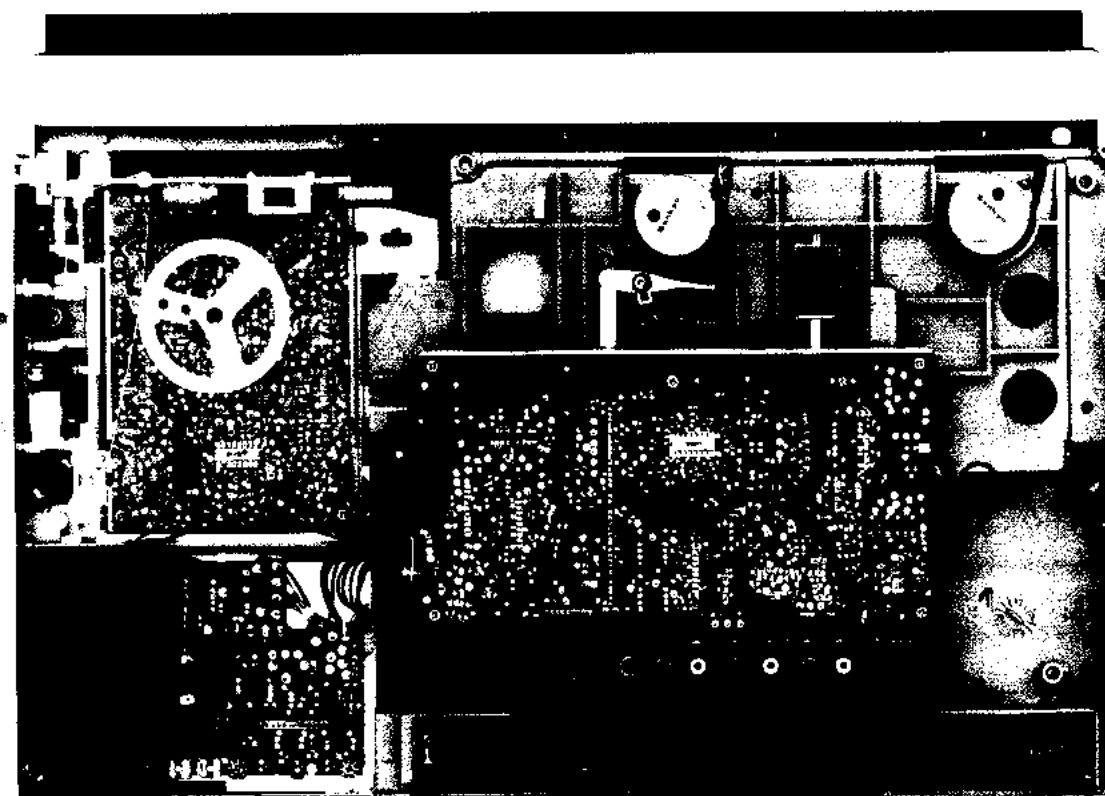


Figure 47-2 LOCATION OF PARTS

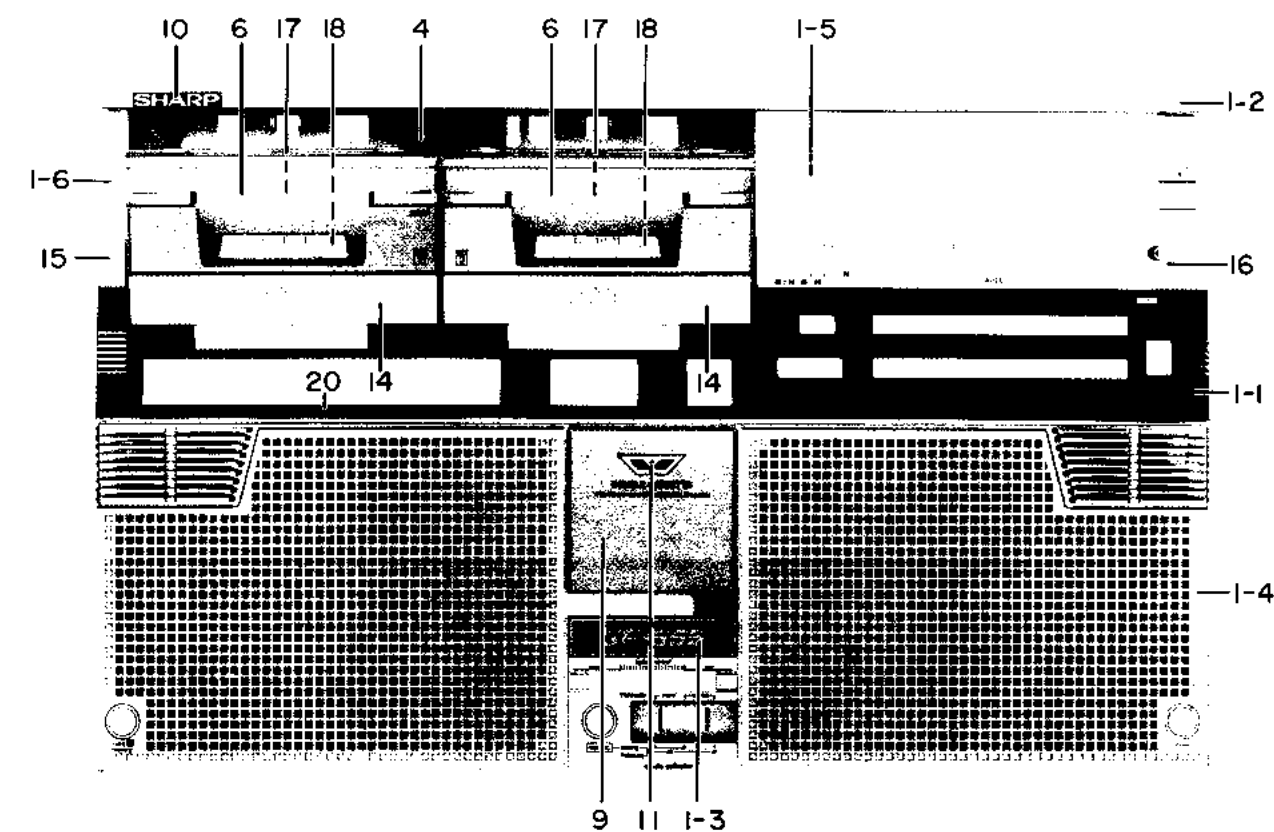


Figure 48-1 LOCATION OF PARTS

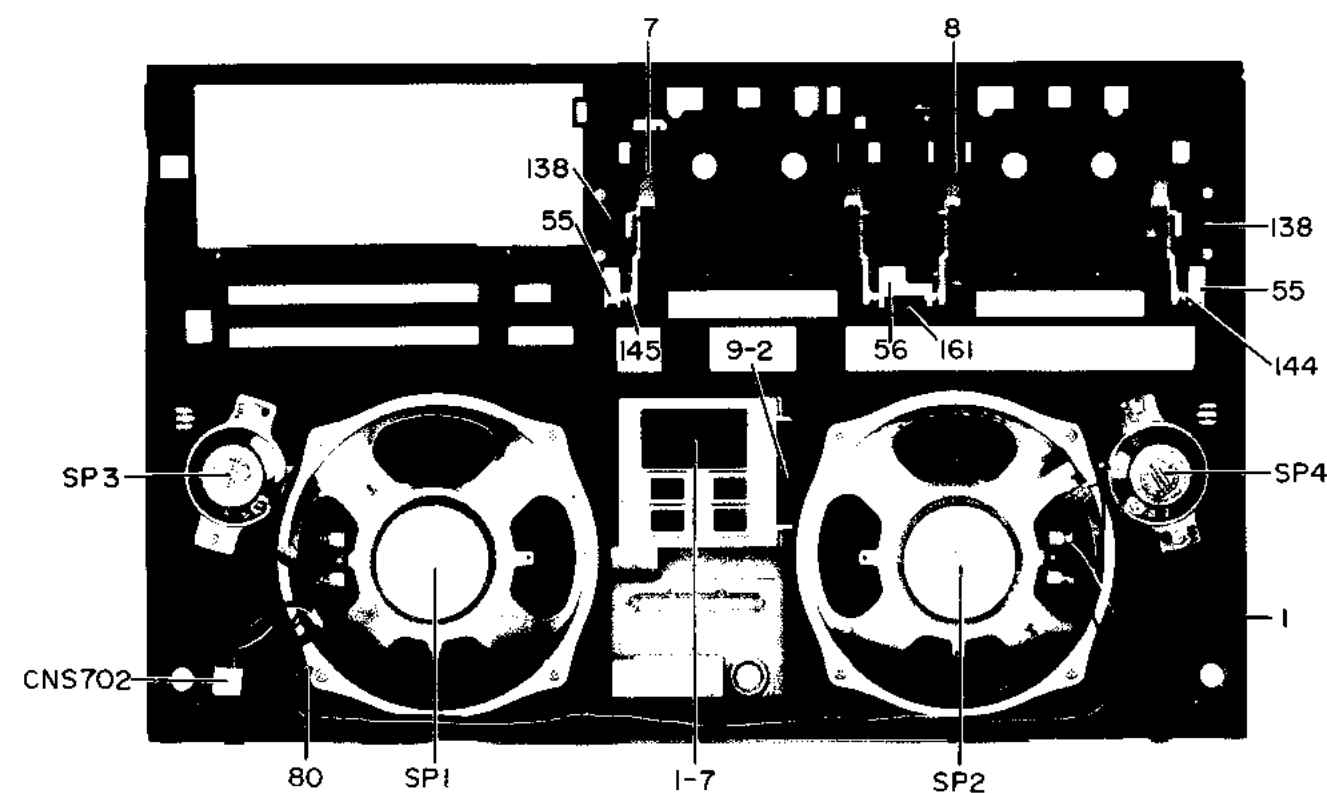


Figure 48-2 LOCATION OF PARTS

REPLACEMENT PARTS LIST

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

NOTES:

Be sure to use regular parts for securing the safety and reliability of the set. Parts marked with "Δ" and parts cross-hatched (in black) are especially important for maintaining the safety and protecting ability of the set.

Be sure to replace them with parts of specified part number.

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
INTEGRATED CIRCUITS				Q603	VS2SC2691//1	APLD Power Switching (2SC2691)	AB
IC1	RH-IX1083AFZZ	FM IF Amp. (TA7303P-C SHARP 3)	AK	Q607	VS2SC2691//1	APLD Malfunction Prevention (2SC2691)	AB
IC2	RH-IX1082AFZZ	PLL FM MPX Demodulator (BA1320)	AL	Q801	VS2SD468-C/-1	APLD Regulated Power Supply (2SD468C)	AD
IC101	RH-IX1079AFZZ	Deck 2 Pre-amp. (M51521L)	AG	DIODES			
IC102	RH-IX1079AFZZ	Phono Equalizer Amp. (M51521L)	AG	D1, D2, D3	VHD1S2076//1	Electrostatic Protector (1S2076)	AB
IC103	RH-IX1079AFZZ	Deck 1 Pre-amp. (M51521L)	AG	D4	VHC1S2688-B1F	Variable Capacitance, AFC (1S2688B)	AC
IC104	VHIM51301P/-1	Record & Line Amp. (M51301P)	AK	D5	VHD1N34A///-1	Level Shift, Tuning Indicator (1N34A)	AB
IC105	VHIIIR3108//1	APLD Amp. & Detector (IR3108)	AK	D6	VHD1S2076//1	Level Shift, Tuning Indicator (1S2076)	AB
IC601, IC602	VHILB1416//1	VU Indicator Drive Circuit (LB1416)	AK	D7	VHD1N34A///-1	AGC (1N34A)	AB
IC603	VHIM54834//1	APLD Circuit (M54834)	AQ	D8	VHEHZ682L//1	Zener, 6V/400mW (HZ682L)	AC
IC701	VHIIHA1392//1	Power Amp. (HA1392)	AR	D9	VHD1S2076//1	FM Local Oscillator Limiter (1S2076)	AB
TRANSISTORS				D10	VHD1S2076//1	Switching (1S2076)	AB
Q1	VS2SC535-B/-1	FM RF Amp. (2SC535B)	AC	D11	VHD1S2076//1	Reverse Current Prevention (1S2076)	AB
Q2	VS2SC535-B/-1	FM Local Oscillator (2SC535B)	AC	D12	VHD1N34A///-1	AM Detector, Tuning Indicator (1N34A)	AB
Q3	VS2SC535-B/-1	FM Mixer (2SC535B)	AC	D13	VHD1N34A///-1	AM Detector (1N34A)	AB
Q4	VS2SC460-C/-1	FM IF Amp. (2SC460C)	AC	D101, D102, D103	VHD1S2076//1	Built-in Microphone Switching (1S2076)	AB
Q5	VS2SC461-B/-1	AM Mixer (2SC461B)	AC	D105	VHD1S2076//1	Deck 1 Monitor Output Switching (1S2076)	AB
Q6	VS2SC461-C/-1	AM Local Oscillator (2SC461C)	AC	D106	VHD1S2076//1	Deck 1 Monitor Amp. Switching (1S2076)	AB
Q7	VS2SC460-B/-1	AM IF Amp. (2SC460B)	AC	D107, D108, D111	VHD1S2076//1	ALC (Automatic Record Level Control) Circuit (1S2076)	AB
Q8	VS2SC460-C/-1	AM IF Amp. (2SC460C)	AC	D112	VHD1S2076//1	Reverse Voltage Protection (1S2076)	AB
Q101, Q102	VS2SC2691//1	Deck 2 Review & Skip (Cue) Mode Muting (2SC2691)	AB	D113	VHD1S2076//1	Deck 1 Muting (1S2076)	AB
Q103	VS2SA1143//1	Built-in Microphone Power Switching (2SA1143)	AB	D114	VHD1S2076//1	Deck 1 Reverse Current Prevention (1S2076)	AB
Q105, Q106, Q107, Q108, Q109, Q110	VS2SC2691//1	APLD Muting (2SC2691)	AB	D117	VHD1S2076//1	Reverse Voltage Protector (1S2076)	AB
Q111, Q112	VS2SC458-D/-1	Deck 1 Monitor Output Amp. (2SC458D)	AB	D120	VHD1S2076//1	Built-in Microphone Switching (1S2076)	AB
Q113, Q114	VS2SC458-C/-1	Deck 1 Monitor Output Amp. (2SC458C)	AB	D601	RH-PX1015AFZZ	APLD Malfunction Prevention (1S2076)	AB
Q115, Q116	VS2SC458-D/-1	Recording Bias Oscillator (2SC458D)	AB	D602	RH-PX1015AFZZ	Right Channel VU Indicator/ Tuning Indicator (GL-105M5)	AK
Q118	VS2SA1143//1	Solenoid Drive (2SA1143)	AB	D603	RH-PX1008AFZZ	Left Channel VU Indicator/ Battery Condition Indicator (GL-105M5)	AK
Q119	VS2SD468-C/-1	Solenoid Drive (2SD468C)	AD			FM Stereo Indicator (GL-9PR2)	AD
Q120	VS2SD468-C/-1	Ripple Filter (2SD468C)	AD				
Q501	VS2SC458LGD-1	Mixing Microphone Amp. (2SC458LGD)	AC				
Q601	VS2SA1143//1	APLD Phase Inverter (2SA1143)	AB				
Q602	VS2SA1143//1	APLD Power Switching (2SA1143)	AB				

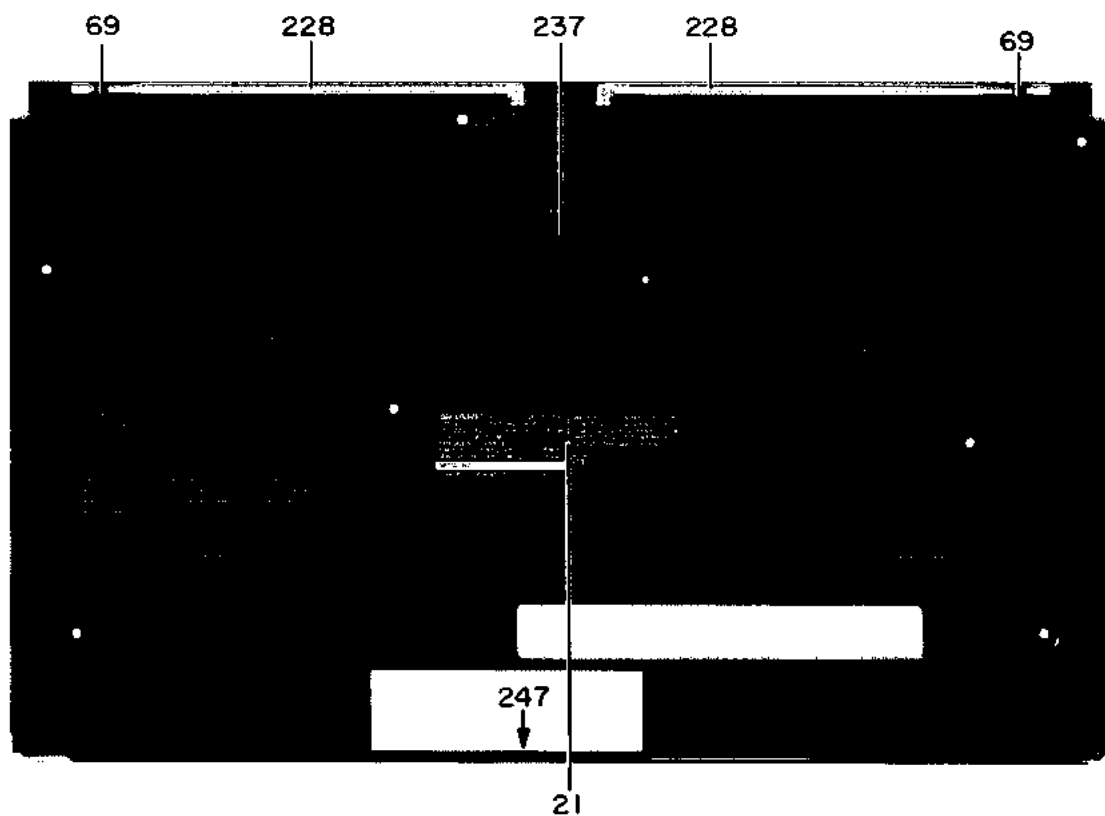


Figure 49-1 LOCATION OF PARTS

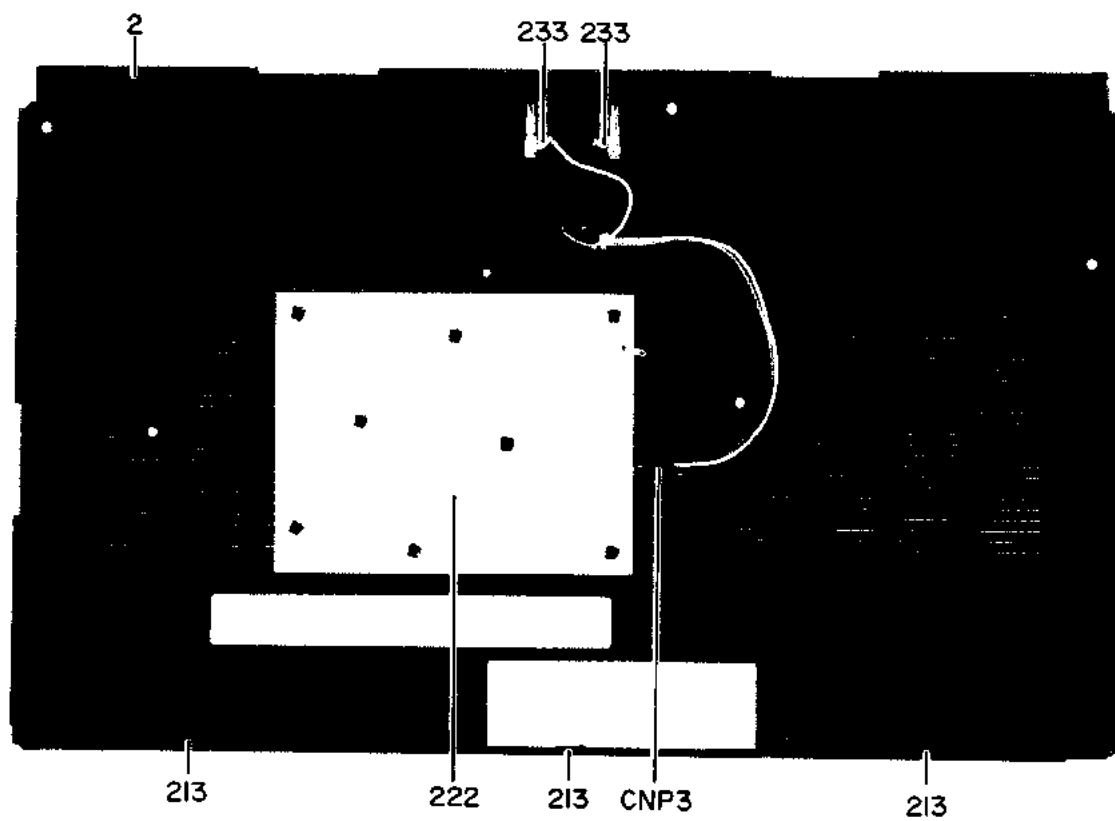


Figure 49-2 LOCATION OF PARTS

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
D604	RH-PX1008AFZZ	Power On Indicator (GL-9PR2)	AD	L3, L4	RCILR0118AFZZ	FM Local Oscillator	AA
D606	VHD1S2076//1	APLD Number Indicators Malfunction Prevention (1S2076)	AB	L5	RCILC0030AFZZ	1.8μH, FM RF Choke	AB
D607	VHEHZ682L//1	Zener, 6V/400mW (HZ682L)	AC	L6	RCILAO255AFZZ	K-SW Antenna	AD
D608	VHD1S2076//1	Reverse Current Prevention (1S2076)	AB	L7	RCILAO436AFZZ	M-MW & L-LW Antenna	AK
D609	VHPGL-9NG12-1	Dubbing Indicator (GL-9NG12)	AD	L8	RCILB0309AFZZ	K-SW Local Oscillator	AD
D610	VHD1S2076//1	Reverse Current Prevention (1S2076)	AB	L9	RCILB0389AFZZ	M-MW Local Oscillator	AD
D611	VHD1S2076//1	Speed-up (1S2076)	AB	L10	RCILB0353AFZZ	L-LW Local Oscillator (GF-555H)	AC
D612, D613, D614, D615, D616, D617, D618, D619, D620, D621, D622	Not Available	Parts of AP LD Number Input Buttons Assembly (QSW-Z0060AFZZ)			RCILB0456AFZZ	L-LW Local Oscillator (GF-555E)	AD
D701	VHD1S2076//1	Built-in Microphone Muting (1S2076)	AB	L11	RCILF0014AGZZ	47μH, Choke	AC
				L201, L202	RCILB0452AFZZ	Recording Bias Step-up	AD
				L203	RCILB0451AFZZ	Recording Bias Oscillator	AE
PACKAGED CIRCUITS							
				M1	RFILF0056AFZZ	Band-pass Filter	AE
				M2, M3	RMPTA0104AFZZ	Low-pass Filter (38kHz Trap)	AD
				M601	RMPTC0020AFZZ	Resistors Array, 2.2K ohm x 11	AD
CONTROLS							
D803	VHPGL-3PR3/-1	Forward AP LD Indicator (GL-3PR3)	AC	R20	RVR-M0130AFZZ	50K ohm (B), FM Muting Level Adjust	AC
D804	VHPGL-3PR3/-1	Reverse (Rewind) AP LD Indicator (GL-3PR3)	AC	R34	RVR-M0127AFZZ	10K ohm (B), VCO (Voltage Controlled Oscillator) Adjust	AC
D805, D806	VHD1S2076//1	AP LD Indicator Reverse Current Prevention (1S2076)	AB	R601, R602	RVR-M0004SGZZ	10K ohm (B), VU Indicator Sensitivity Adjust	AC
D807	VHEHZ11A-1L-1	Zener, 11V/400mW (HZ11A1L)	AB	R612	RVR-M0116AFZZ	1K ohm (B), Battery Condition Indicator Sensitivity Adjust	AC
D808	VHD10E1////1	Surge Current Absorber (10E1)	AC	VR501 (A, B)	RVR-Q0070AFZZ	20K ohm (B), Fader	AG
D809	VHD10E1////1	Reverse Electromotive Force Absorber (10E1)	AC	VR502 (A, B)	RVR-Z0064AFZZ	50K ohm (A), Recording Level	AK
THYRISTOR				VR601 (A, B)	RVR-P0066AFZZ	50K ohm (A), Treble Tone	AG
SCR601	VHSCR02AM1B-1	APLD Power Switching (CR02AM-1B)	AE	VR602 (A, B)	RVR-P0066AFZZ	50K ohm (A), Bass Tone	AG
FILTERS				VR603 (A, B)	RVR-Q0069AFZZ	20K ohm (B), Volume	AF
CF1	RFILF0009AFZZ	FM 1st IF	AD	VR604	RVR-Q0071AFZZ	100K ohm (B), Channel Balance	AG
CF2	RFILF0009AFZZ	FM 2nd IF	AD	VC1, VC2, VC3, VC4, TC1, TC2, TC3, TC4	RVC-R0057AFZZ	Variable Capacitors, Tuning with Trimmers TC1: FM RF Trimmer TC2: FM Local Oscillator Trimmer TC3: K-SW Antenna Trimmer TC4: M-MW Antenna Trimmer	AN
TRANSFORMERS							
T1	RCIL10157AFZZ	FM IF	AC	VC5	RVC-M0002AFZZ	Variable Capacitor, Fine Tuning Control	AH
T2	RCIL10208AFZZ	FM IF	AC	TC5	RTO-H1007AFZZ	L-LW Antenna Trimmer	AC
T3	RCIL10224AFZZ	AM IF (GF-555H)	AH	TC6	RTO-H1007AFZZ	K-SW Local Oscillator Trimmer	AC
	RCIL10252AFZZ	AM IF (GF-555E)	AG	TC7, TC8	RTO-H2050AFZZ	M-MW Local Oscillator Trimmer	AD
T4	RCIL10170AFZZ	AM IF (GF-555H)	AC			L-LW Local Oscillator Trimmer	
	RCIL10253AFZZ	AM IF (GF-555E)	AC				
COILS							
L1, L2	RCILR0090AFZZ	FM RF	AA				

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
ELECTROLYTIC CAPACITORS				C199	RC-EZS107AF1C	100MFD, 16V, $\pm 20\%$	AB
C17	RC-EZS476AF1A	47MFD, 10V, $\pm 20\%$	AB	C201	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB
C32	VCEAAU1HW105A	1MFD, 50V, +75 -10%	AB	C202	RC-EZS107AF1E	100MFD, 25V, $\pm 20\%$	AC
C37	RC-EZS476AF1C	47MFD, 16V, $\pm 20\%$	AB	C204,	VCEALU1HW334M	.33MFD, 50V, $\pm 20\%$	AB
C42	VCEALU1HW474M	.47MFD, 50V, $\pm 20\%$	AB	C205			
C43	VCEAAU1EW475A	4.7MFD, 25V, +75 -10%	AB	C209	RC-EZS476AF1E	47MFD, 25V, $\pm 20\%$	AB
C45	VCEAAU1EW335A	3.3MFD, 25V, +75 -10%	AB	C210	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB
C47	RC-EZS477AF1C	470MFD, 16V, $\pm 20\%$	AC	C218,			
C51	VCEALU1HW224M	.22MFD, 50V, $\pm 20\%$	AB	C219,	VCEALU1HW104M	1MFD, 50V, $\pm 20\%$	AB
C52	VCEALU1HW474M	.47MFD, 50V, $\pm 20\%$	AB	C502			
C53	VCEAAU1EW335A	3.3MFD, 25V, +75 -10%	AB	C503	VCEAAU1AW476Y	47MFD, 10V, +50 -10%	AB
C59,				C505,			
C60	VCEALU1HW334M	.33MFD, 50V, $\pm 20\%$	AB	C520,	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB
C62,				C522			
C89	RC-EZS107AF1A	100MFD, 10V, $\pm 20\%$	AB	C603,	VCEAAU1EW475A	4.7MFD, 25V, +75 -10%	AB
C91	VCEAAU1EW475A	4.7MFD, 25V, +75 -10%	AB	C604			
C95	RC-EZS107AF1A	100MFD, 10V, $\pm 20\%$	AB	C605,	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB
C97,				C606			
C101,	VCEALU1HW334M	.33MFD, 50V, $\pm 20\%$	AB	C607	RC-EZS227AF1C	220MFD, 16V, $\pm 20\%$	AC
C102				C616,	VCEALU1HW104M	.1MFD, 50V, $\pm 20\%$	AB
C104	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB	C617			
C105,				C624	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB
C106	VCAAAU1AB475M	4.7MFD, 10V, $\pm 20\%$, Aluminum	AC	C627	VCEALU1HW104M	.1MFD, 50V, $\pm 20\%$	AB
C109,				C631	VCEALU1HW474M	.47MFD, 50V, $\pm 20\%$	AB
C110	VCEAAU1AW476Y	47MFD, 10V, +50 -10%	AB	C632	VCEAAU1HW105A	1MFD, 50V, +75 -10%	AB
C115,				C701,	VCEAAU1AW107Y	100MFD, 10V, +50 -10%	AB
C116	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB	C702			
C117	VCEAAU1HW105A	1MFD, 50V, +75 -10%	AB	C703,			
C118	RC-EZS107AF1C	100MFD, 16V, $\pm 20\%$	AB	C704	RC-EZS107AF1C	100MFD, 16V, $\pm 20\%$	AB
C119,				C705	VCEAAU1AW107Y	100MFD, 10V, +50 -10%	AB
C120	VCEAAU1EW475A	4.7MFD, 25V, +75 -10%	AB	C709,	RC-EZS108AF1C	1000MFD, 16V, $\pm 20\%$	AD
C123,				C710			
C124	VCEAAU1AW476Y	47MFD, 10V, +50 -10%	AB	C720	RC-EZS338AF1E	3300MFD, 25V, $\pm 20\%$	AH
C129,				C721	RC-EZS107AF1A	100MFD, 10V, $\pm 20\%$	AB
C130	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB	C801	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB
C131	RC-EZS107AF1C	100MFD, 16V, $\pm 20\%$	AB	C803,			
C133,				C804	RC-EZS476AF1E	47MFD, 25V, $\pm 20\%$	AB
C134	VCAAAU1AB475M	4.7MFD, 10V, $\pm 20\%$, Aluminum	AC	C805	RC-EZS476AF1C	47MFD, 16V, $\pm 20\%$	AB
C137,				C901,	VCE9AU1EW475M	4.7MFD, 25V, $\pm 20\%$, Non-polar	AC
C138	RC-EZS107AF1A	100MFD, 10V, $\pm 20\%$	AB	C902			
C141,				CAPACITORS			
C142	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB	C1	VCCSPU1HL100F	10PF, 50V, $\pm 1PF$, Ceramic	
C143,				C2	VCKYPU1HB222M	.0022MFD, 50V, $\pm 20\%$, Ceramic	
C144	VCEAAU1EW475A	4.7MFD, 25V, +75 -10%	AB	C3	VCKYPU1HB102K	.001MFD, 50V, $\pm 10\%$, Ceramic	
C149,				C4	VCCSPU1HL3R0C	3PF, 50V, $\pm .25PF$, Ceramic	
C150	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB	C5	VCCSPU1HL220J	22PF, 50V, $\pm 5\%$, Ceramic	
C151	VCEAAU1CW476Y	47MFD, 16V, +50 -10%	AB	C6	VCKYPU1HB222M	.0022MFD, 50V, $\pm 20\%$, Ceramic	
C161,				C7	VCKYPU1HB472M	.0047MFD, 50V, $\pm 20\%$, Ceramic	
C162	VCEAAU1AW336Y	33MFD, 10V, +50 -10%	AB	C8	VCCSAT1HL4R7C	4.7PF, 50V, $\pm .25PF$, Ceramic	
C165,				C9	VCCCPU1HH1R5C	1.5PF (CH), 50V, $\pm .25PF$, Ceramic	
C166,				C10	VCCSPU1HL101J	100PF, 50V, $\pm 5\%$, Ceramic	
C171,	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB	C11	VCCSPU1HL3R0C	3PF, 50V, $\pm .25PF$, Ceramic	
C172				C12	VCKYPU1HB472M	.0047MFD, 50V, $\pm 20\%$, Ceramic	
C175,				C13	VCCSAT1HL100J	10PF, 50V, $\pm 5\%$, Ceramic	
C176	VCEAAU1HW105A	1MFD, 50V, +75 -10%	AB	C14	VCTYAT1EX103N	.01MFD, 25V, $\pm 30\%$, Semiconductor	
C177	VCEAAU1CW476Y	47MFD, 16V, +50 -10%	AB				
C178,							
C184	RC-EZS107AF1C	100MFD, 16V, $\pm 20\%$	AB				
C189	VCEAAU1AW336Y	33MFD, 10V, +50 -10%	AB				
C191	VCEAAU1CW106Y	10MFD, 16V, +50 -10%	AB				
C192	VCEALU1CW106M	10MFD, 16V, $\pm 20\%$	AB				
C195	VCEAAU1AW476Y	47MFD, 10V, +50 -10%	AB				
C198	RC-EZS108AF1C	1000MFD, 16V, $\pm 20\%$	AD				

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
C15	VCCSAT1HL6R8D	6.8PF, 50V, ± 5 PF, Ceramic		C79	VCKYAT1HB331K	330PF, 50V, ± 10 %, Ceramic	
C16	VCKYPU1HB222M	.0022MFD, 50V, ± 20 %, Ceramic		C80	VCKZPU1HF103Z	.01MFD, 50V, +80 -20%, Ceramic	
C18	VCCCPU1HH150J	15PF (CH), 50V, ± 5 %, Ceramic		C81, C82, C83	VCTYAT1CY223N	.022MFD, 16V, ± 30 %, Semi-conductor	
C19	VCCCPU1HH180J	18PF (CH), 50V, ± 5 %, Ceramic		C84	VCTYAT1EX103N	.01MFD, 16V, ± 30 %, Semi-conductor	
C20	VCCCPU1HH8R0D	8PF (CH), 50V, ± 5 PF, Ceramic		C85	VCKZPU1HF223Z	.022MFD, 50V, +80 -20%, Ceramic	
C21	VCCCPU1HH1R0C	1PF (CH), 50V, $\pm .25$ PF, Ceramic		C86	VCQYKU1HM333M	.033MFD, 50V, ± 20 %, Mylar	AB
C22	VCTYAT1EX103N	.01MFD, 25V, ± 30 %, Semi-conductor		C87	VCKZPU1HF223Z	.022MFD, 50V, +80 -20%, Ceramic	
C23	VCKYPU1HB223M	.022MFD, 50V, ± 20 %, Ceramic		C88, C90	VCTYAT1CY223N	.022MFD, 16V, ± 30 %, Semi-conductor	
C24	VCTYAT1CY223N	.022MFD, 16V, ± 30 %, Semi-conductor		C92	VCKZPU1HF223Z	.022MFD, 50V, +80 -20%, Ceramic	
C25	VCCSPU1HL8R0D	8PF, 50V, ± 5 PF, Ceramic		C93	VCQYKU1HM223M	.022MFD, 50V, ± 20 %, Mylar	AB
C26, C27, C28, C29	VCKZPU1HF103Z	.01MFD, 50V, +80 -20%, Ceramic		C94	VCKZPU1HF103Z	.01MFD, 50V, +80 -20%, Ceramic	
C30	VCKZPU1HF103Z	.01MFD, 50V, +80 -20%, Ceramic		C96	VCQYKU1HM103M	.01MFD, 50V, ± 20 %, Mylar	AB
C31	VCKZPU1HF223Z	.022MFD, 50V, +80 -20%, Ceramic		C98	VCCSPU1HL470J	47PF, 50V, ± 5 %, Ceramic	
C33	VCCCPU1HH100F	10PF (CH), 50V, ± 1 PF, Ceramic		C99	VCKZPU1HF223Z	.022MFD, 50V, +80 -20%, Ceramic	
C34	VCKZPU1HF103Z	.01MFD, 50V, +80 -20%, Ceramic		C107, C108	VCKYAT1HB681K	680PF, 50V, ± 10 %, Ceramic	
C35	VCQYKU1HM223M	.022MFD, 50V, ± 20 %, Mylar	AB	C111, C112	VCQYKU1HM333K	.033MFD, 50V, ± 10 %, Mylar	AB
C36	VCKZPU1HF223Z	.022MFD, 50V, +80 -20%, Ceramic		C113, C114	VCKYAT1HB102K	.001MFD, 50V, ± 10 %, Ceramic	
C38	VCKYPU1HB223M	.022MFD, 50V, ± 20 %, Ceramic		C121, C122	VCKYAT1HB221K	220PF, 50V, ± 10 %, Ceramic	
C40	VCCSPU1HL471J	470PF, 50V, ± 5 %, Ceramic		C125, C126	VCQYKU1HM273K	.027MFD, 50V, ± 10 %, Mylar	AB
C41	VCTYAT1EX103N	.01MFD, 25V, ± 30 %, Semi-conductor		C127, C128	VCTYAT1EX822K	.0082MFD, 25V, ± 10 %, Semi-conductor	
C44	VCQYKU1HM103M	.01MFD, 50V, ± 20 %, Mylar	AB	C135	VCCSPU1HL681J	680PF, 50V, ± 5 %, Ceramic	
C46, C48	VCTYAT1CY223N	.022MFD, 16V, ± 30 %, Semi-conductor		C136	VCKYAT1HB681K	680PF, 50V, ± 10 %, Ceramic	
C49	VCQYKU1HM223M	.022MFD, 50V, ± 20 %, Mylar	AB	C139, C140	VCQYKU1HM333K	.033MFD, 50V, ± 10 %, Mylar	AB
C50	VCQYKU1HM473M	.047MFD, 50V, ± 20 %, Mylar	AB	C145, C146	VCKYAT1HB102K	.001MFD, 50V, ± 10 %, Ceramic	
C54	VCQSMU1HS471J	470PF, 50V, ± 5 %, Polystyrene Film	AB	C147, C148	VCKYAT1HB271K	270PF, 50V, ± 10 %, Ceramic	
C55, C56	VCKYAT1HB681K	680PF, 50V, ± 10 %, Ceramic		C155, C156	VCTYAT1HV472K	.0047MFD, 50V, ± 10 %, Semi-conductor	
C63	VCKZPU1HF223Z	.022MFD, 50V, +80 -20%, Ceramic		C159, C160	VCKYAT1HB561K	560PF, 50V, ± 10 %, Ceramic	
C64	VCQYKU1HM333M	.033MFD, 50V, ± 20 %, Mylar	AB	C163, C164	VCCSAT1HL101J	100PF, 50V, ± 5 %, Ceramic	
C65	VCCCPU1HH5R0C	5PF (CH), 50V, $\pm .25$ PF, Ceramic		C167, C168	VCKYAT1HB471K	470PF, 50V, ± 10 %, Ceramic	
C66	VCTYAT1EX332N	.0033MFD, 25V, ± 30 %, Semi-conductor		C169, C170	VCCSPU1HL470J	47PF, 50V, ± 5 %, Ceramic	
C67	VCCSPU1HL271J	270PF, 50V, ± 5 %, Ceramic		C173, C174	VCTYAT1EX103N	.01MFD, 25V, ± 30 %, Semi-conductor	
C68	VCCSPU1HL221J	220PF, 50V, ± 5 %, Ceramic		C185	VCQYKU1HM153K	.015MFD, 50V, ± 10 %, Mylar	AA
C69	VCCCAT1HH2R2C	2.2PF (CH), 50V, $\pm .25$ PF, Ceramic		C187	VCQYKU1HM223K	.022MFD, 50V, ± 10 %, Mylar	AB
C70	VCCCPU1HH5R0C	5PF (CH), 50V, $\pm .25$ PF, Ceramic		C190	VCKYPU1HB561K	560PF, 50V, ± 10 %, Ceramic	
C71	VCQSMU1HS151J	150PF, 50V, ± 5 %, Polystyrene Film	AB	C193	VCKZPU1HF333P	.033MFD, 50V, +100 -0%, Ceramic	
C72	VCCCPU1HH220J	22PF (CH), 50V, ± 5 %, Ceramic		C194	VCCSAT1HL180J	18PF, 50V, ± 5 %, Ceramic	
C73	VCTYAT1CY223N	.022MFD, 16V, ± 30 %, Semi-conductor		C197, C200	VCTYAT1EX103N	.01MFD, 25V, ± 30 %, Semi-conductor	
C74	VCQYKU1HM152K	.0015MFD, 50V, ± 10 %, Mylar	AA	C208	VCCSAT1HL101J	100PF, 50V, ± 5 %, Ceramic	
C75	VCQYKU1HM223M	.022MFD, 50V, ± 20 %, Mylar	AB				
C76	VCQYKU1HM473M	.047MFD, 50V, ± 20 %, Mylar	AB				
C77	VCKZPU1HF223Z	.022MFD, 50V, +80 -20%, Ceramic					
C78	VCTYAT1CY223N	.022MFD, 16V, ± 30 %, Semi-conductor					

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
C211, C212, C216, C217	VCKZPU1HF103Z	.01MFD, 50V, +80 -20%, Ceramic	AA	R18	VRD-SU2EE102J	1K ohm	
C220	VCQYKU1HM103K	.01MFD, 50V, ±10%, Mylar		R19	VRD-ST2EE103J	10K ohm	
C221, C222	VCCSPU1HL221J	220PF, 50V, ±5%, Ceramic		R21	VRD-ST2EE221J	220 ohm	
C501	VCTYAT1EX103N	.01MFD, 25V, ±30%, Semiconductor		R22	VRD-ST2EE101J	100 ohm	
C504	VCKYAT1HB271K	270PF, 50V, ±10%, Ceramic		R26	VRD-ST2EE471J	470 ohm	
C515, C516	VCKYAT1HB122K	.0012MFD, 50V, ±10%, Ceramic	AB	R28	VRD-ST2EE331J	330 ohm	
C517, C518	VCKYAT1HB102K	.001MFD, 50V, ±10%, Ceramic		R32	VRD-ST2EE471J	470 ohm	
C521, C523	VCQYKU1HM223M	.022MFD, 50V, ±20%, Mylar		R33	VRD-ST2EE183J	18K ohm	
C601, C602	VCTYAT1EX682N	.0068MFD, 25V, ±30%, Semiconductor		R43	VRD-ST2EE681J	680 ohm	
C610, C611	VCTYAT1HV222K	.0022MFD, 50V, ±10%, Semiconductor		R51	VRD-SU2EE101J	100 ohm	
C612, C613	VCQYKU1HM223K	.022MFD, 50V, ±10%, Mylar	AB	R52	VRD-ST2EE182J	1.8K ohm	
C614, C615	VCQYKU1HM103K	.01MFD, 50V, ±10%, Mylar	AA	R53	VRD-SU2EE4R7J	4.7 ohm	
C618, C619	VCQYKU1HM563K	.056MFD, 50V, ±10%, Mylar	AB	R56, R57	VRD-SU2EE100J	10 ohm	
C620, C621	VCTYAT1HV472K	.0047MFD, 50V, ±10%, Semiconductor	AB	R58	VRD-SU2EE121J	120 ohm	
C622, C623	VCQYKU1HM223K	.022MFD, 50V, ±10%, Mylar		R59	VRD-ST2EE100J	10 ohm	
C628, C629	VCTYAT1EX103N	.01MFD, 25V, ±30%, Semiconductor		R60	VRD-SU2EE471J	470 ohm	
C630	VCKYAT1HD102M	.001MFD, 50V, ±20%, Ceramic		R61	VRD-SU2EE394J	390K ohm	
C633	VCTYAT1EX103N	.01MFD, 25V, ±30%, Semiconductor		R62	VRD-ST2EE102J	1K ohm	
C635	VCKZPU1HF223Z	.022MFD, 50V, +80 -20%, Ceramic	AB	R64	VRD-ST2EE121J	120 ohm	
C636	VCKZPU1HF102Z	.001MFD, 50V, +80 -20%, Ceramic		R67	VRD-ST2EE103J	10K ohm	
C707	VCTYPU1EX104M	.1MFD, 25V, ±20%, Semiconductor		R70, R71	VRD-ST2EE152J	1.5K ohm	
C713, C714	VCKYAT1HD102M	.001MFD, 50V, ±20%, Ceramic		R76	VRD-ST2EE471J	470 ohm	
C716, C717, C718, C719	VCKZPU1HF104Z	.1MFD, 50V, +80 -20%, Ceramic		R81	VRD-ST2EE152J	1.5K ohm	
C725, C726	VCTYPU1EX104M	.1MFD, 25V, ±20%, Semiconductor	AB	R83	VRD-ST2EE221J	220 ohm	
C802, C806	VCTYAT1EX103N	.01MFD, 25V, ±30%, Semiconductor		R84	VRD-ST2EE105J	1M ohm	
				R100, R101	VRD-ST2EE101J	100 ohm	
				R111	VRD-ST2EE681J	680 ohm	
				R112	VRD-ST2EE334J	330K ohm	
			AB	R115, R116	VRD-ST2EE680J	68 ohm	
				R119, R120	VRD-ST2EE682J	6.8K ohm	
				R135, R136	VRD-ST2EE273J	27K ohm	
				R137, R138	VRD-ST2EE151J	150 ohm	
				R139, R140	VRD-ST2EE823J	82K ohm	
			AB	R141, R142	VRD-ST2EE103J	10K ohm	
				R147, R148	VRD-ST2EE561J	560 ohm	
				R151, R152	VRD-ST2EE560J	56 ohm	
				R175, R176	VRD-ST2EE564J	560K ohm	
				R179, R180	VRD-ST2EE560J	56 ohm	
			AB	R183, R184	VRD-ST2EE471J	470 ohm	
				R188	VRD-ST2EE221J	220 ohm	
				R190	VRD-ST2EE332J	3.3K ohm	
				R213, R214	VRD-ST2EE222J	2.2K ohm	
				R215, R216	VRD-ST2EE102J	1K ohm	
			AB	R224	VRS-PT3AB820K	82 ohm, 1W, ±10%, Metal Oxide Film	
				R225, R226	VRD-ST2EE392J	3.9K ohm	
				R227	VRD-ST2EE1R0J	1 ohm	
				R229	VRD-ST2EE270J	27 ohm	

RESISTORS

(Unless otherwise specified resistors are 1/4W, ±5%, Carbon Type.)

R1	VRD-ST2EE102J	1K ohm
R3	VRD-ST2EE471J	470 ohm
R5	VRD-ST2EE152J	1.5K ohm
R6	VRD-SU2EE473J	47K ohm
R7	VRD-SU2EE151J	150 ohm
R8	VRD-ST2EE104J	100K ohm
R12	VRD-SU2EE471J	470 ohm
R15	VRD-ST2EE102J	1K ohm
R17	VRD-ST2EE221J	220 ohm

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE
R231	VRD-ST2EE822J	8.2K ohm	
R232	VRD-ST2EE273J	27K ohm	
R233	VRD-ST2EE271J	270 ohm	
R235	VRD-ST2EE103J	10K ohm	
R237	VRD-ST2EE331J	330 ohm	
R240	VRD-ST2EE274J	270K ohm	
R242	VRD-ST2EE270J	27 ohm	
R243, R244	VRD-ST2EE561J	560 ohm	
R245	VRS-PT3AB680K	68 ohm, 1W, ±10%, Metal Oxide Film	
R246, R260	VRD-ST2EE102J	1K ohm	
R261	VRD-ST2EE562J	5.6K ohm	
R262	VRD-ST2EE101J	100 ohm	
R539, R540, R541, R542	VRD-ST2EE332J	3.3K ohm	
R605, R606	VRD-ST2EE823J	82K ohm	
R607, R608	VRD-ST2EE153J	15K ohm	
R609, R610	VRD-ST2EE103J	10K ohm	
R611	VRD-ST2EE223J	22K ohm	
R613, R614, R615, R616	VRD-ST2EE121J	120 ohm	
R618	VRD-ST2EE272J	2.7K ohm	
R621	VRD-ST2EE122J	1.2K ohm	
R622	VRD-ST2EE102J	1K ohm	
R623	VRD-ST2EE222J	2.2K ohm	
R625	VRD-ST2EE223J	22K ohm	
R629	VRD-ST2EE102J	1K ohm	
R631	VRD-ST2EE332J	3.3K ohm	
R633	VRD-ST2EE101J	100 ohm	
R634	VRD-ST2EE102J	1K ohm	
R635	VRD-ST2EE473J	47K ohm	
R636	VRD-ST2EE681J	680 ohm	
R638	VRD-ST2EE222J	2.2K ohm	
R639	VRD-ST2EE103J	10K ohm	
R640	VRD-ST2EE102J	1K ohm	
R641	VRD-ST2EE562J	5.6K ohm	
R642	VRD-ST2EE561J	560 ohm	
R643, R644	VRD-ST2EE123J	12K ohm	
R645, R646	VRD-ST2EE272J	2.7K ohm	
R647, R648	VRD-ST2EE472J	4.7K ohm	
R649, R650	VRD-ST2EE152J	1.5K ohm	
R651, R652	VRD-ST2EE392J	3.9K ohm	
R655	VRD-ST2EE222J	2.2K ohm	
R701, R702	VRD-ST2EE333J	33K ohm	
R704, R705	VRD-ST2EE221J	220 ohm	
R708	VRD-SU2EE271J	270 ohm	
R708	VRG-ST2HA100	10 ohm, 1/2W, 5%, Fusible	
R801	VRD-ST2EE473J	47K ohm	

REF. NO.	PART NO.	DESCRIPTION	CODE
R802, R803	VRD-ST2EE681J	680 ohm	
R804	VRD-ST2EE223J	22K ohm	
R805	VRD-ST2EE102J	1K ohm	
R901, R902	VRD-ST2EY4R7J	4.7 ohm	
MISCELLANEOUS			
1	GCAB-1038AFSA	Front Cabinet Assembly	BE
1-1	GCABA1522AFSA	Cabinet, Front	
1-2	GWAKP9021AFSA	Frame, Cabinet, Upper	AG
1-3	HDECQ0115AFSA	Decoration, Front Cabinet, GF-555	AD
1-4	HGRL-1060AFSA	Grill, Front Cabinet, Speakers	AR
1-5	HPNLD1180AFSA	Window, Dial	AG
1-6	HPNLZ1052AFSA	Plate, Transparent, Front Cabinet	AA
1-7	PFLT-0376AF00	Felt, Recording Level Controls	AA
1-8	PFLT-0378AF09	Felt, Speakers Grill	AB
2	GCABB1503AFSA	Cabinet, Rear	AU
3	GCABC1522AFSA	Cabinet, Middle	AY
4	GCOVA1137AFSA	Cover, Indicator of APLD Direction	AB
5	GFTAB1113AFSA	Lid, Battery Compartment	AD
6	GFTAC1100AFSAN	Plate, Transparent, Cassette Compartment	AF
7	GFTAC1102AFSB	Cassette Compartment, Deck 2	AM
8	GFTAC1118AFSA	Cassette Compartment, Deck 1	AL
9	GFTAF9052AFSA	Lid, Recording Level Controls	AH
9-1	GFTAF1008AFSA	Lid	AH
9-2	MHNG-0116AFZZ	Hinge	AB
10	HBDGB3055AFSA	Badge, SHARP	AC
11	HBDGS3055AFSA	Badge, Recording Level Controls Lid	AF
12	HDALP0433AFSA	Plate, Dial	AL
13	HDAP-0180AFSA	Guide, Pointer	AE
14	HDECA0320AFSA	Decoration, Cassette Compartment, Full Auto Stop	AD
15	HDECA0321AFSA	Decoration, Front Cabinet, Left Side	AB
16	HDECA0381AFSA	Indication Metal, APLD Number	AE
17	HDECB0018AGSA	Mirror, Cassette Compartment	AA
18	HINDM1313AFSA	Scale, Cassette Compartment	AB
19	HINDM1363AFSA	Indication Metal, Review/◀rew/▶stop/f.fwd ▶/cue	AB
20	HINDM1364AFSA	Indication Metal, Function Key	AD
21	HINDP0180AFSA	Label, Specifications, with Indication: MADE IN JAPAN (GF-555H)	AC
	HINDP0193AFSA	Label, Specifications, without Indication: MADE IN JAPAN (GF-555H)	AC
	HINDP0183AFSA	Label, Specifications (GF-555E)	AC
22	HINDP0198AFSA	Indication Label, Recording Level Controls	AC
23	HSSND0259AFSA	Pointer	AF
24	JHNDG1064AFSA	Handle	AS
25	JKNBM0305AFSA	Knob, Power Switch	AD
26	JKNBM0306AFSA	Knob, Meter Indication Selector	AC
27	JKNBM0307AFSA	Knob, Function Selector	AC
28	JKNBM0308AFSA	Knob, Dubbing Switch/Deck 1 Tape Selector/Deck 2 Tape Selector/Recording Mode Selector	AC

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
29	JKNBM0309AFSA	Knob, Tape Operation Mode Selector	AE	78	LHLDW3061AFZZ	Wire Holder, 31mm	AA
30	JKNBM0310AFSA	Knob, FM Mode Selection/ Mixing On-Off/FM Muting On-Off	AD	79	LHLDW9002CEZZ	Wire Holder, 100mm	AA
31	JKNBN0411AFSA	Knob, Wave-band Selector	AE	80	LHLDW9003CEZZ	Wire Holder, 45mm	AA
32	JKNBN0446AFSA	Knob, Tuning Control	AE	81	LHLDZ1086AFZZ	Holder, Power Switch Lever	AC
33	JKNBN0447AFSA	Knob, Fine Tuning Control	AH	82	LHLDZ8070AFZZ	Holder, Built-in Microphone	AB
34	JKNBP0092AFSA	Knob, Bass Tone Control/ Treble Tone Control/Channel Balance Control/Volume Control	AC	83	LSTWC2001AFZZ	Stop Ring, 2mm Dia.	
35	JKNBP0092AFSB	Knob, Fader Control	AC	84	LSTWC3002AFZZ	Stop Ring, 3mm Dia.	
36	JKNBP0093AFSA	Knob, Recording Level Control	AE	85	LX-BZ0214AFZZ	Screw, Capstan's Thrust Adjust	AB
37	JKNBR0140AFSA	Key, Cassette Ejection, Deck 1	AE	86	LX-BZ0219AFFD	Screw, Motor Retaining	AA
38	JKNBR0141AFSA	Key, APLD Reverse, Deck 1	AE	87	LX-CZ0002AFZZ	Screw, 4mm Dia. x 70mm, Cabinet Retaining	
39	JKNBR0142AFSA	Key, Rewind/Review, Deck 1	AE	88	LX-CZ0004AFZZ	Screw, 4mm Dia. x 60mm, Cabinet Retaining	
40	JKNBR0143AFSA	Key, Stop, Deck 1	AE	89	LX-WZ3054AFFD	Lock Washer, External Type, 2.6mm Dia.	AA
41	JKNBR0144AFSA	Key, Playback, Deck 1	AE	90	LX-WZ9053AFZZ	Washer, Oil Cut-off	AA
42	JKNBR0145AFSA	Key, Fast Forward Wind/ Skip (cue), Deck 1	AE	91	MJNT-9053AFZZ	Joint, Function Selector Switch	AF
43	JKNBR0146AFSA	Key, APLD Forward, Deck 1	AE	92	MLEVF0916AFZZ	Lever, Function Selector	AF
44	JKNBR0147AFSA	Key, Pause, Deck 1	AE	93	MLEVF0917AFFW	Lever, Playback Key Interlocking	AD
45	JKNBR0148AFSA	Key, Edit, Deck 2	AE	94	MLEVF0918AFFW	Lever, Fast Forward Wind	AC
46	JKNBR0149AFSA	Key, Pause, Deck 2	AE	95	MLEVF0919AFFW	Lever, Rewind	AC
47	JKNBR0150AFSA	Key, Rewind/Review, Deck 2	AE	96	MLEVF0920AFZZ	Lever, Record Key Interlocking	AE
48	JKNBR0151AFSA	Key, Record, Deck 2	AE	97	MLEVF0921AFFW	Lever, Deck 2 Eject Key Interlocking	AC
49	JKNBR0152AFSA	Key, Stop, Deck 2	AD	98	MLEVF0922AFFW	Lever, Deck 1 Eject Key Interlocking	AC
50	JKNBR0153AFSA	Key, Playback, Deck 2	AD	99	MLEVF0923AFZZ	Lever, Deck 2 Pause Key Interlocking	AD
51	JKNBR0154AFSA	Key, Fast Forward Wind/ Skip (cue), Deck 2	AD	100	MLEVF0924AFZZ	Lever, Deck 1 Pause Key Interlocking	AE
52	JKNBR0155AFSA	Key, Eject, Deck 2	AD	101	MLEVF0925AFFW	Lever, Connecting	AC
53	KCOUB0082AFZZ	Digital Tape Counter	AK	102	MLEVF0926AFFW	Lever, Deck 2 Pause	AC
54	LANGA0069AFFW	Bracket, Wave-band Indication Gear	AB	103	MLEVF0927AFFD	Lever, Pause Key Interlocking Lever Lock	AB
55	LANGA0070AFFW	Bracket, Cassette Compartment Retaining	AA	104	MLEVF0928AFZZ	Lever, Deck 1 Function Key Lock	AF
56	LANGA0071AFFW	Bracket, Cassette Compartment Retaining	AB	105	MLEVF0929AFZZ	Lever, Deck 2 Function Key Lock	AF
57	LANGA0079AFFW	Bracket, Strengthen	AB	106	MLEVF0930AFZZ	Lever, Deck 2 Auto Stop	AC
58	LANGF0494AFFW	Bracket, Function Key Shaft Retaining	AB	107	MLEVF0931AFFW	Lever, Deck 1 Auto Stop	AC
59	LANGF0495AFFW	Bracket, Motor Mounting	AG	108	MLEVF0932AFZZ	Lever, Tape Operation Mode Selector	AD
60	LANGF0496AFFW	Bracket, Wiring Guide	AD	109	MLEVF0933AFFW	Lever, Deck 2 to 1 Sequential Playback	AE
61	LANGF0497AFFW	Bracket, Printed Wiring Board	AC	110	MLEVF0934AFZZ	Lever, Tape Operation Mode Selector Lever Interlocking	AG
64	LBSHS0001AG00	Cushion, Motor, Rubber	AA	111	MLEVP0127AFZZ	Lever, Power Switch	AC
65	LCHSM0316AFZZ	Mechanism Main Chassis		112	MLEVP0128AFZZ	Lever, Record Key Interlocking	AC
66	LCHSM0317AFZZ	Mechanism Chassis, Turntable Retaining		113	MLEVP0129AFZZ	Lever, Record/Playback Switch	AC
67	LCHSS0144AFZZ	Mechanism Sub-chassis, Deck 2		114	MLEVP0132AFZZ	Lever, Edit Key Interlocking	AC
68	LCHSS0145AFZZ	Mechanism Sub-chassis, Deck 1		115	MLEVP0133AFZZ	Lever, Deck 2 Sub-chassis Return	AC
69	LHLDA1052AFSA	Clip, FM/SW Telescopic Aerial	AA	116	MLEVP0134AFZZ	Lever, Deck 1 Sub-chassis Return	AC
70	LHLDF1220AFZZ	Frame, Printed Wiring Board	AL	117	MLEVP0135AFZZ	Lever, Cassette Compartment Interlocking	AF
71	LHLDF1222AFSB	Guide, Fader Control	AD	118	MLEVP0136AFZZ	Lever, Erase Proof	AB
72	LHLDF1223AFSA	Guide, Bass Tone Control/ Treble Tone Control/ Channel Balance Control/ Volume Control	AE	119	MLEVP0137AFZZ	Lever, Cassette Compartment Lock	AC
73	LHLDP1060AFSA	Holder, Indicators	AF	120	MLEVP0138AFZZ	Lever, Pause Key Interlocking	AC
74	LHLDW1068AFZZ	Nylon Band, 100mm	AA				
75	LHLDW1075AFZZ	Nylon Band, 60mm	AA				
76	LHLDW1083AFZZ	Holder, Telescopic Aerial Wiring	AA				
77	LHLDW3056AFZZ	Wire Holder, 31mm	AA				

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
214	PFLT-0377AF00	Felt, Dubbing Switch/Deck 1 (Old type.)	AA	J701	QJAKJ0069AFZZ	Socket, Headphones	AG
	PFLT-0420AF00	Tape Selector/Deck 2 Tape Selector/Recording Mode Selector		J102	QJAKJ0074AFZZ	Socket, Deck 1 Monitor Output	AG
215	PFLT-0390AF00	Felt, Fader Control/Bass Tone Control/Treble Tone Control/Channel Balance Control/Volume Control	AB	J101	QJAKZ0092AFZZ	Socket Assembly	AP
				(A ~ J)		J101 (I, J): External Microphone Input	
216	PGUMS0114AF00	Rubber, Fader Control	AA			J101H: Remote Control	
219	PRDAR0218AFFW	Heat Sink	AH			J101G: Earthing Terminal	
220	PSLDC3092AFZZ	Shield Plate, Indicators Printed Wiring Board	AG			J101 (E, F): Phono Input	
221	PSLDM3154AFFW	Shield Plate, Radio Printed Wiring Board	AC	234	QLUGP0111CEFW	Lug Terminal, 13mm	AA
222	PSLDM7118AFZZ	Shield Plate, Rear Cabinet	AD	SW702	QSOCE0562AFZZ	Voltage Selector	AH
223	PSLDM7124AFZZ	Shield Plate, Sockets & Terminals	AD	J703		Terminal Assembly	
224	PSLDM7125AFZZ	Shield Plate, Controls & Switches	AD	(A, B)	QSOCE2198AFZZ	J703A: DC15V Input	AH
225	PSPAN0055AFZZ	Spacer, Cassette Compartment Lock Lever	AA	SW703		J703B: AC Input	
226	PTPEC0005AG00	Ribbon, Battery Compartment	AB	SW504	QSW-80002AFZZ	Switch, FM Mode Selection/Mixing On-Off/FM Muting On-Off (SW504A, B: Mixing On-Off, SW504C: FM Muting On-Off, SW504D: FM Mode Selection)	AF
227	QACCK0050AFZZ	Main Lead, Gray (GF-555H)	AL	(A ~ D)			
	QACCK0051AF00	Main Lead, Black (GF-555H)	AL	SW501	QSW-B0084AFZZ	Switch, Recording Mode Selector (auto - Manual)	AF
	QACCB0003AG0V	Main Lead (GF-555E)	AK	SW503	QSW-B0084AFZZ	Switch, Deck 2 Tape Selector (normal - CrO2)	AF
228	QANTR0111AFZZ	FM/SW Telescopic Aerial	AM	SW502A	QSW-B0114AFZZ	Switch, Dubbing	AE
CNP702	QCNCM0411SGZZ	Plug, 4 Pin	AD	SW505	QSW-B0114AFZZ	Switch, Deck 1 Tape Selector (normal - CrO2)	AE
CNP101	QCNCM0604SGZZ	Plug, 6 Pin	AC	(A, B)			
CNP701	QCNCM0604SGZZ	Plug, 6 Pin	AC	SW601	QSW-B0115AFZZ	Switch, Meter Indication Selector	AF
CNP1	QCNCM0705SGZZ	Plug, 7 Pin	AC	(A ~ C)			
CNP2	QCNCM095BAFZZ	Plug, 2 Pin	AB	SW801	QSW-F0131AFZZ	Switch, Deck 2 Fast Forward Wind/Skip (cue) Key Interlocking	AD
CNP103	QCNCM095BAFZZ	Plug, 2 Pin	AB				
CNP104	QCNCM1101AGZZ	Plug, 11 Pin	AC	SW802	QSW-F0131AFZZ	Switch, Deck 2 Rewind/Review Key Interlocking	AD
CNP102	QCNCM136CAFZZ	Plug, 3 Pin	AB	SW806	QSW-F0131AFZZ	Switch, Deck 1 Fast Forward APLD Key Interlocking	AD
CNP105	QCNCM136CAFZZ	Plug, 3 Pin	AB				
CNP801	QCNCM238HAFZZ	Plug, 8 Pin	AD	SW807	QSW-F0131AFZZ	Switch, Deck 1 Reverse APLD Key Interlocking	AD
CNP802	QCNCM284CAFZZ	Plug, 3 Pin	AF	SW808	QSW-F0131AFZZ	Switch, Deck 1 Fast Forward Wind/Skip (cue) Key Interlocking	AD
CNS3	QCNCW221CAF02	Socket, 3 Pin, with Leads	AB	SW809	QSW-F0131AFZZ	Switch, Deck 1 Rewind/Review Key Interlocking	AD
	QCNCW221CAFZZ	Socket, 3 Pin	AB	SW803	QSW-F0132AFZZ	Switch, Deck 2 Function Key Lock Lever Interlocking	AD
	QTIPZ0072AFZZ	Tip, Socket	AA	SW805	QSW-F0132AFZZ	Switch, Deck 2 Function Key Lock Lever Interlocking	AD
	QCNTZ0050AFZZ	Tip, Wiring		SW810	QSW-F0132AFZZ	Switch, Deck 1 Function Key Lock Lever Interlocking	AD
229	QCNTZ0050AFZZ	Tip, Wiring	AA	SW812	QSW-F0132AFZZ	Switch, Deck 1 Function Key Lock Lever Interlocking	AD
230	QCNTZ0051AFZZ	Tip, Wiring	AA	SW701	QSW-F0133AFZZ	Switch, Power	AD
JL2	QCNW-0517AFZZ	Jumper, 7 Leads, 60mm	AB	SW103	QSW-P0216AFZZ	Switch, Edit	AE
JL3	QCNW-0518AFZZ	Jumper, 9 Leads, 60mm	AC	(A ~ D)			
CNS103	QCNW-0520AFZZ	Socket, 2 Pin, with Leads	AD	SW1	QSW-R0172AFZZ	Switch, Wave-band Selector	AN
CNS101	QCNW-0521AFZZ	Socket, 6 Pin, with Leads	AH	(A ~ J)			
JL4	QCNW-0569AFZZ	Jumper, 5 Leads, 330mm	AD	SW104	QSW-S0191AFZZ	Switch, Beat Interference Canceller	AD
CNS702	QCNW-0647AFZZ	Socket, 4 Pin, with Leads	AE				
CNS105	QCNW-0649AFZZ	Socket, 3 Pin, with Leads	AD	SW101	QSW-S0228AFZZ	Switch, Record/Playback	AH
CNS2	QCNW-0651AFZZ	Socket, 2 Pin, with Leads	AC	(A ~ L)			
CNS104	QCNW-0652AFZZ	Socket, 11 Pin, with Leads	AH	SW102	QSW-S0254AFZZ	Switch, Function Selector	AF
CNS801	QCNW-0653AFZZ	Socket, 8 Pin, with Leads	AF	(A ~ D)			
CNS1	QCNW-0654AFZZ	Socket, 7 Pin, with Leads	AF				
CNS802	QCNW-0655AFZZ	Socket, 3 Pin, with Leads	AD				
CNS102	QCNW-0659AFZZ	Socket, 3 Pin, with Leads	AE				
CNS701	QCNW-0660AFZZ	Socket, 6 Pin, with Leads	AF				
JL1	QCNW-0666AFZZ	Jumper, 2 Leads, 60mm	AA				
CNP3	QCNW-0703AFZZ	Plug, 3 Pin, with Leads	AD				
F701	QFSD0120AG0H	Fuse, T1.25A	AE				
232	QFSDH2051AFZZ	Holder, Fuse	AA				
233	QHWS-3001AGFN	Tip, Terminal	AE				
J702	QJAKB0054AFZZ	Socket, External Speaker	AK				
(A, B)							
J501	QJAKE0062AFZZ	Socket, Mixing Microphone	AE				

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
121	MLEVP0139AFZZ	Lever, Pause Key Interlocking	AC	167	MSPRT0003AGFW	Spring, Dial Stringing	AA
122	MLEVP0140AFZZ	Lever, Record Prevention	AC	168	MSPRT0595AFFJ	Spring, Playback Key Interlocking Lever	AA
123	MLEVP0141AFZZ	Lever, Record & APLD Key Lock	AD	169	MSPRT0596AFFJ	Spring, Sub-chassis Pressure	AB
124	MLEVP0142AFZZ	Lever, Pause Release	AB	170	MSPRT0597AFFJ	Spring, Function Key Lock Lever	AA
125	MLEVP0143AFZZ	Lever, Fast Forward Wind & Rewind Roller Shift	AC	171	MSPRT0598AFFJ	Spring, Record & APLD Key Lock Lever	AA
126	MLEVP0144AFZZ	Lever, Reverse APLD & Review	AC	172	MSPRT0599AFFJ	Spring, Erase Proof Lever	AA
127	MLEVP0145AFZZ	Lever, Forward APLD & Skip (cue)	AC	173	MSPRT0600AFFJ	Spring, Pause Key Interlocking Lever	AA
128	MLEVP0146AFZZ	Guide, Deck 1 Tape	AC	174	MSPRT0601AFFJ	Spring, Deck 1 Pause Key Interlocking Lever	AA
129	MLEVP0147AFZZ	Lever, Deck 1 to 2 Sequential Playback	AB	175	MSPRT0602AFFJ	Spring, Deck 2 Eject Key Interlocking Lever	AA
130	MLEVP0148AFZZ	Lever, Timer Start	AC	176	MSPRT0603AFFJ	Spring, Deck 1 Sub-chassis Return Lever	AA
131	MLEVP0149AFZZ	Lever, Auto Stop Lever Control	AB	177	MSPRT0604AFFJ	Spring, Record Prevention Lever	AA
132	MLEVP0150AFZZ	Lever, Brake	AE	178	MSPRT0605AFFJ	Spring, Auto Stop Lever	AC
133	MLEVP0151AFZZ	Lever, Auto Stop Control	AB	179	NBALS0004AGFJ	Steel Ball, 3mm Dia.	AA
134	MLEVP0152AFZZ	Cam Follower, Auto Stop	AE	180	NBLTH0066AFZZ	Belt, Flywheel Drive	AD
135	MLEVP0153AFZZ	Guide, Auto Stop Cam Follower	AA	181	NBLTK0143AFZZ	Belt, Auto Stop Mechanism Drive	AC
136	MLEVP0154AFZZ	Guide, Auto Stop Cam Follower	AC	182	NBLTK0144AFZZ	Belt, Digital Tape Counter Drive	AC
137	MLEVP0157AFZZ	Lever, Detent	AA	183	NBRGC0064AFZZ	Bearing, Capstan	AE
138	MLIFP0003AFZZ	Damper, Cassette Compartment	AA	184	NDAIR0136AFSA	Turntable, Take-up	AH
139	MSPRC0031AGMN	Spring, Head Azimuth	AA	185	NDAIR0137AFSA	Turntable, Supply	AF
140	MSPRC0175AFFN	Spring, Battery Terminal	AD	186	NDRM-0158AFZZ	Worm Gear, Auto Stop	AC
141	MSPRC0176AFFN	Spring, Battery Terminal	AB	187	NDRM-0066AFZZ	Drum, Dial Stringing	AD
142	MSPRC0183AFFJ	Spring, Auto Stop Cam Follower Guide	AB	188	NFLYC0075AFZZ	Flywheel	AK
143	MSPRD0188AFFJ	Spring, Fast Forward Wind & Rewind Roller	AA	189	NGERH0052AFZZ	Gear, Wave-band Indication Mechanism	AC
144	MSPRD0206AFFW	Spring, Deck 1 Cassette Compartment	AA	190	NGERH0057AFSA	Indicator, Wave-band	AE
145	MSPRD0207AFFW	Spring, Deck 2 Cassette Compartment	AA	191	NIDR-0066AFZZ	Idler, Take-up	AH
146	MSPRD0213AFFJ	Spring, Pinch Roller	AA	192	NPLYB0050AFZZ	Pulley, Dial Stringing	AA
147	MSPRD0214AFFJ	Spring, Fast Forward Wind & Rewind Lever	AA	193	NPLYB0051AFZZ	Pulley, Dial Stringing	AA
148	MSPRD0215AFFJ	Spring, Cassette Compartment Lock Lever	AA	194	NPLYR0050AFZZ	Pulley, Rubber, Take-up	AB
149	MSPRD0216AFFJ	Spring, Fast Forward Wind & Rewind Roller Shift Lever	AA	195	NPLYR0065AFZZ	Worm, Auto Stop Mechanism	AD
150	MSPRD0217AFFJ	Spring, Pause Key Interlocking Lever Lock Lever	AA	196	NROLW0011AFZZ	Roller, Fast Forward Wind & Rewind	AM
151	MSPRD0218AFFJ	Spring, Cassette Compartment Interlocking Lever	AA	197	NROLX0003AFZZ	Gear, Rewind	AC
152	MSPRD0219AFFJ	Spring, Record Key Interlocking Lever	AA	198	NROLY0026AFZZ	Pinch Roller, Deck 1	AC
153	MSPRD0220AFFJ	Spring, Take-up Idler	AC	199	NROLY0031AFZZ	Pinch Roller, Deck 2	AF
154	MSPRD0221AFFJ	Spring, Auto Stop Control Lever	AC	200	NSFTN0007AFFW	Shaft, Auto Stop Worm Gear	AE
155	MSPRD0222AFFJ	Spring, Brake Lever	AB	201	NSFTT0133AFFP	Shaft, Function Key	AD
156	MSPRD0223AFFJ	Spring, Detent Lever	AC	202	NSFTT0134AFFP	Shaft, Pause Release Lever	AC
157	MSPRD0224AFFJ	Spring, Deck 2 to 1 Sequential Playback Lever	AB	203	NSFTT0135AFFP	Shaft, Cassette Compartment Interlocking Lever	AC
158	MSPRD0225AFFJ	Spring, Deck 1 to 2 Sequential Playback Lever	AB	204	PCOVM1055AFSA	Cover, FM Mode Selection/Mixing On-Off/FM Muting On-Off Knob	AA
159	MSPRD0226AFFJ	Spring, Timer Start Lever	AA	205	PCOVM1056AFSA	Cover, Tape Operation Mode Selector Knob	AB
160	MSPRD0227AFFJ	Spring, Auto Stop Control Lever	AB	206	PCOVR7165AFZZ	Cover, Power Supply Printed Wiring Board	AF
161	MSPRD0240AFFJ	Spring, Cassette Compartment	AC	207	PCUSG0106AF00	Cushion, 9mm x 12mm x 16mm	AA
162	MSPRK0055AFFJ	Spring, Edit Key Interlocking Lever	AB	208	PCUSU0128AFZZ	Cushion, Coils (L1, L2, L3, L4)	AA
163	MSPRP0206AFFW	Plate Spring, Cassette Compartment	AA	209	PCUSU0213AFZZ	Cushion, Power Switch Lever	AA
164	MSPRP0207AFFW	Plate Spring, Handle Retaining	AB	210	PCUSU0231AF00	Cushion, Battery Compartment Lid	AB
165	MSPRP0211AFFJ	Plate Spring, Cassette Retaining	AD	211	PCUSU0235AF08	Cushion, Tape Operation Mode Selector	AA
166	MSPRP0212AFFJ	Plate Spring, Function Key Return	AD	212	PFLT-0127AF00	Felt, Battery Compartment	AA
				213	PFLT-0339AF00	Felt, Rear Cabinet	AA

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
SW602 (A ~ K)	QSW-Z0060AFZZ	Switch, APLD Number Input, with Buttons & Indicators	BA	247	TLABP0164AFZZ	Label, Battery Caution	
236	QTANB0156AFZN	Terminal, Battery	AB		TLABS0004AGZZ	Label, SEV (GF-555H)	
237	QTANN0254AFZZ	Terminal, External FM Aerial	AF		TLABS0014TAZZ	Label, SEMKO (GF-555H)	
238	QTIPF0001CEYW	Tip, Wiring	AA		TLABS0015AGZZ	Label, NEMKO (GF-555H)	
239	QTIPZ0062AFZZ	Tip, Wiring	AA		TLABS0054AFZZ	Label, BEAB (GF-555E)	
241	RHEDA0070AFZZ	Head, Deck 2 Erase	AG		TLABS0063AFZZ	Label, DEMKO (GF-555H)	
242	RHEDF0059AFZZ	Head, Deck 1 Playback	AP		TLABS0079AFZZ	Label, Funk- (GF-555H)	
243	RHEDH0075AFZZ	Head, Deck 2 Record/Playback	AP		TLABT0053AFZZ	Label, License	
PL1	RLMPM0107AFZZ	Lamp, Dial	AD		TLABZ0118AFZZ	Label, Free From Taxes (GF-555H)	
244	RMICC0071AFZZ	Microphone, Built-in	AF		TMAPC0620AFZZ	Schematic Diagram	
245	RMOTV0076AFZZ	Motor	AV		TTAGH0115AFZZ	Tag, English/German/French/ Spanish/Swedish	
SOL1	RPLU-0092AFZZ	Solenoid, with Plunger	AL		UBATU0009AGZZ	Battery	AC
	SPAKA0576AFZZ	Cushion, Packing, Left Hand Side	AF	SP1, SP2, SP3, SP4	VSP0016PB334P	Speaker, Woofer, 16cm	AV
	SPAKA0577AFZZ	Cushion, Packing, Right Hand Side	AF		VSP0050TB204A	Speaker, Tweeter, 5cm	AP
	SPAKC1418AFZZ	Individual Carton, with Indica- tion: MADE IN JAPAN (GF-555H)	AN		CTPEK0079AF01	Cassette Tape, For HELIP	
	SPAKC1450AFZZ	Individual Carton, without Indi- cation: MADE IN JAPAN (GF-555H)	AN	248	CTPEK0079AF02	Cassette Tape	
	SPAKC1419AFZZ	Individual Carton (GF-555E)	AN	249	LX-WZ5037AGZZ	Washer, Nylon, 2.6mm Dia x 4.7mm Dia. x 0.25mm	
	SPAKZ0084AFZZ	Packing Material, Front Cabinet Protector	AB		LX-WZ5048AGZZ	Washer, Nylon, 1.7mm Dia. x 4mm Dia. x 0.25mm	
	SSAKH0024AGZZ	Bag, Operation Manual	AA	250	LX-WZ9063AFZZ	Washer, Nylon, 1.2mm Dia. x 4mm Dia. x 0.5mm	
	SSAKH0116AFZZ	Bag, Unit	AC	251	LX-WZ9064AFZZ	Washer, Nylon, 1.5mm Dia. x 3.8mm Dia. x 0.5mm	
	TCAUA0178AFZZ	Caution Label, Arabic, AC Mains Lead (GF-555H)		252	LX-WZ9065AFZZ	Washer, Nylon, 2mm Dia. x 3.8mm Dia. x 0.5mm	
	TCAUH0056AGZZ	Caution Label, Mains Supply Cord (GF-555E)		253	PGUMS0143AF00	Spacer, Rubber, 2mm x 12mm x 16mm	
	TCAUZ0039AFZZ	Caution Label, Unit Bag (GF-555E)		PWB ASSEMBLY (Not Replacement Item)			
	TCTLE0001AGZZ	Catalog, For Users in UK (GF-555E)		DUNTJ0057AF04	Power Supply Circuit	-	
	TGANG1039AFZZ	Warranty Card, For Users in Europe (GF-555H)		(Combined Assembly)	Headphones Output Circuit		
	TGANE1117AFZZ	Warranty Card, For Users in UK (GF-555E)		DUNTLO111AF02	Record/Playback Amp. Circuit	-	
	TINSE0647AFZZ	Operation Manual (GF-555E)	AP	(Combined Assembly)	Phono Equalizer Amp. Circuit		
	TINSZ0196AFZZ	Operation Manual, Black Colour (GF-555H)	AP	DUNTR0147AF04	Recording Control Circuit	-	
	TINSZ0222AFZZ	Operation Manual, Blue Colour (GF-555H)		DUNTR0147AF02	Radio Circuit (GF-555E)	-	
				DUNTR0147AF02	Radio Circuit (GF-555H)	-	
				DUNTZ0401AF04	Indicators Circuit	-	
				DUNTZ0403AF02	Mechanism Control Circuit	-	
246	TLABH0097AFZZ	Label, ◀ FM ▶ / ◀ SW					
	TLABJ0006AFZZ	Label, MADE IN JAPAN (GF-555E)					