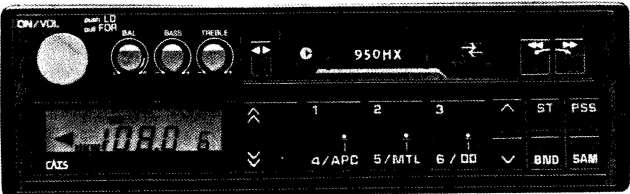


Service Manual



959HX



950HX

Model **959HX** (PE-9094A-A)
950HX (PE-9095A-A)

■ SPECIFICATIONS:

Radio section

Circuit system: Superheterodyne
 Tuning system: Electronic tuning
 Receiving frequency: LW 153kHz to 281kHz
 MW 531kHz to 1,602kHz
 UKW(FM)
 87.5MHz to 108MHz

Intermediate frequency:

LW, MW 459kHz
 UKW(FM) 10.7MHz

Tape section

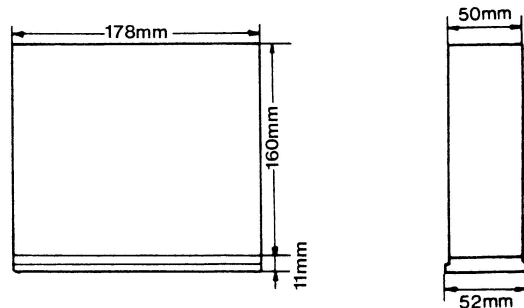
Reproduction system: Auto reversing
 4 track, 2 channel stereo
 cassette tape playback
 (Monaural also capable)
 Tape speed: 4.76cm/sec. (1 7/8 ips)

Composite

Load impedance: 4Ω×4
 Power output: 5W×4
 (at 10% distortion TYP.)
 More than 10W×4

Power supply voltage: DC 14.4V(10.8V to 15.6V)
 Negative ground
 Power consumption: Less than 5A
 (at max. output)

Dimensions:

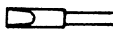


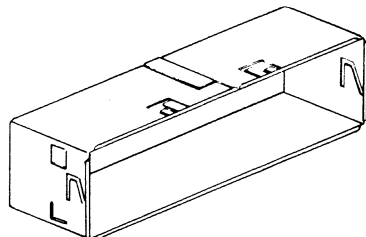
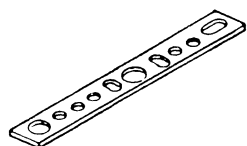
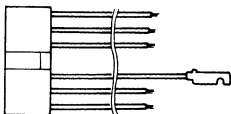
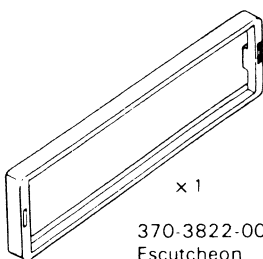
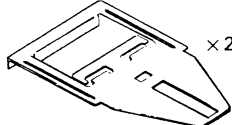
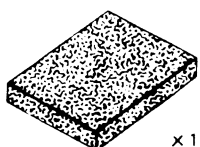






Weight: 1.6kg

- Noise Reduction System manufactured under license from Dolby Laboratories Licensing Corporation.
- Dolby and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

COMPONENTS VIEW:

- 959HX (PE-9094A-A)
- 950HX (PE-9095A-A)

Main unit	Parts bag	921-8203-00(only 959HX)	1
Mounting bracket 300-7110-00	 ×4	 ×4	 ×4
	073-0649-00 Terminal	073-0650-00 Terminal	074-0804-00 Outlet socket
Mounting bracket 300-6954-00	Extension lead	852-9211-00(only 950HX)	1
			
Parts bag	Parts bag	921-8022-00	1
 ×1	 ×2	 ×1	
370-3822-00 Escutcheon	330-8216-00 Hook plate	345-2934-00 Cushion	
	 ×1	 ×1	 ×1
	345-3653-01 Spacer	725-0181-00 Plate nut	700-5016-10 Tap screw
			 ×1
			722-0314-00 Nut
	Lock pin	335-1360-00	1

FEATURES:

- MW/LW/UKW-MPX electronic tuning radio with auto reverse stereo cassette player (FF, REW lock).
- Provided radio traffic information (VF) system. (959HX)
- MTL (Tape selector).
- LD (Loudness).
- Dolby NR (□□).
- ARM-30 mechanism.
- APC (Automatic Program Control).

ADJUSTMENT:

Adjustment item	Adjustment point	Procedure
0V fine adjustment	IFT102	<ol style="list-style-type: none"> 1. Tune 98.1MHz and input a 25dB non-modulated SSG signal. 2. Connect a digital volt meter 0V TP. 3. Adjust IFT102 so that the voltage is 0V. 4. May adjust by receiving weak broadcasting signal.
Stop seek sensitivity	VR101	<ol style="list-style-type: none"> 1. Tune at 98.1MHz, input a 25dB non-modulated SSG signal. 2. Adjust VR101 so that the voltage of SD TP is 5V.
Limiter (MUTE)	VR102	<ol style="list-style-type: none"> 1. Tune at 98.1MHz, input 55dB SSG signal. 2. Adjust VR to make the set output 0dB (2.45V). 3. Reduce the output of SG 12dB. 4. Adjust VR102 until output level decrease to 3dB.
SASC	VR103	<ol style="list-style-type: none"> 1. Tune at 98.1MHz, input an 65dB, 7kHz modulation frequency, 30% modulation degree SSG signal, and then turn on ST. SW. 2. Adjust the output level of the volume controller to 0dBm (0.775V). 3. Set the SSG output to 40dB and adjust VR103 so that the output level is -3dB.
MPX Separation	VR101 (880-0003A)	<ol style="list-style-type: none"> 1. Tune at 98.1MHz, connect the output of a stereo modulator to the external modulation terminal, and input a 65dB SSG signal. 2. Set the stereo modulator to the L or R ch and adjust VR104 so that the maximum separation is obtained.
Pilot canceller	VR102 (880-0003A)	<ol style="list-style-type: none"> 1. Tune at 98.1MHz, input a 55dB, modulation (PL 10%). 2. Adjust VR105 so that output of the set is minimum.
DK VCO (959HX)	VR103 (880-0002A)	<ol style="list-style-type: none"> 1. Tune at 98.1MHz, input a 55dB 10% modulated SSG signal, and turn on VF. SW. 2. Connect the frequency counter to TP and adjust VR106 so that the counter indicates 125Hz. In the case.
DK level (959HX)	VR401	<ol style="list-style-type: none"> 1. Tune at 98.1MHz 100% (Main + PL + DK + SK + BK) modulated SSG signal, and turn on VF. SW. 2. At the time of minimum sound volume, adjust VR401 to make the speaker output 0.775V.
Dolby NR	VR301 and VR302	Insert a Dolby level test tape (400Hz-200Wb/m), connect the milli-volt meter to TP301 and TP302, and adjust VR301 and VR302 to obtain an output of 450mV ± 1dB.

[NOTE] After the adjustment of frequency range, be sure that;

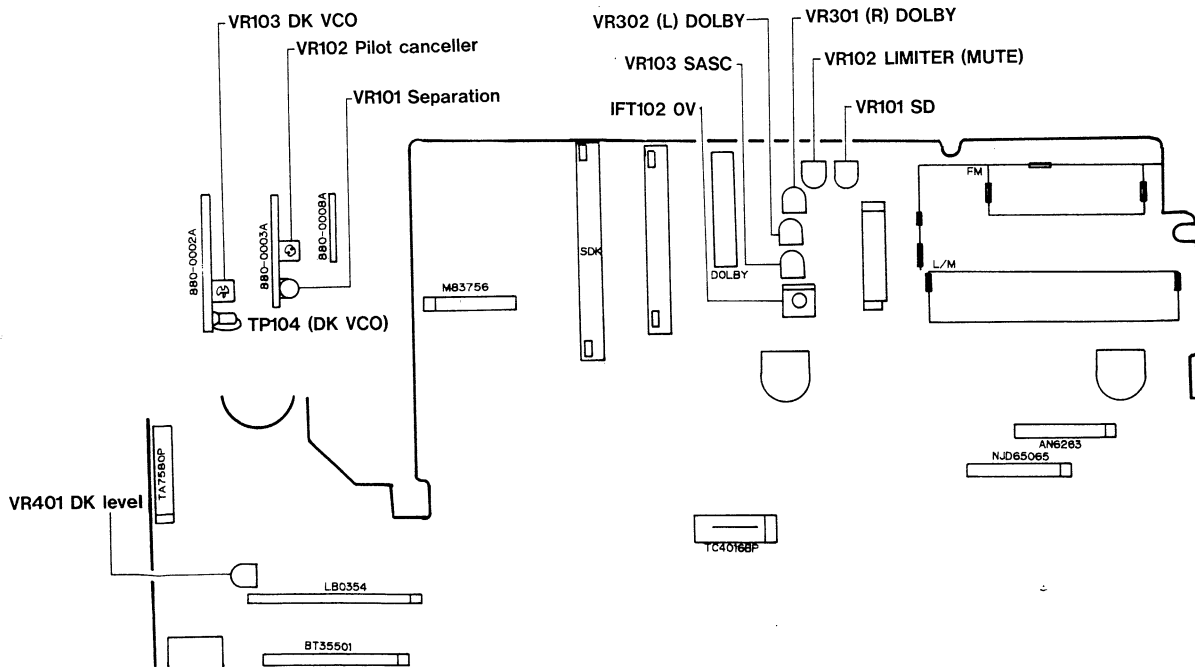
(1) Band edge frequency of LW shall be 148.5kHz - 20kHz

(2) Band edge frequency of UKW shall be 87.5MHz + 100kHz
- 160kHz

at low end. And shall be lower than 108.16MHz at upper end.

- SPECIFICATION -LIMIT- Quieting sensitivity: MW Less than 33dB (at 20dB S/N)
LW Less than 40dB (at 20dB S/N)
UKW Less than 12dB (at 30dB S/N)
- Stereo separation: UKW More than 20dB

ADJUSTMENT POINT



■ ADJUSTMENTS: (TAPE MECHANISM)

1. Head Azimuth Adjustment (See Fig. 1)

○ Improper head azimuth is one of the causes which give rise to poor sound quality, crosstalk, etc. at the time of playback. If azimuth of the head is not proper, adjust as follows. However, to perform this adjustment, load the test tape and use the adjustment use screwdriver, inserting it through the hole in the lever mechanism (frame ass'y).

- 1) Play the test tape (315Hz, -10VU) and adjust the amplifier's volume control and balance control so that the output levels (gains of the playback system) of the left and right channels become equal.
- 2) Then play the test tape (8kHz, -10VU) and adjust the head azimuth adjusting screw so that the output level in both the forward and reverse directions of

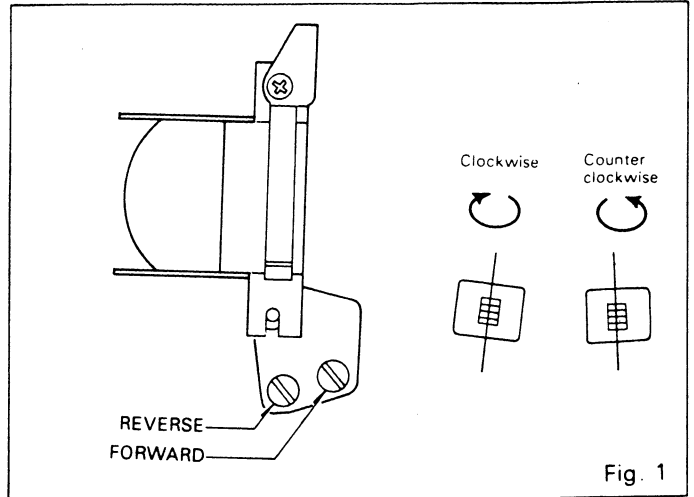


Fig. 1

play becomes close to the respective peak (maximum output level) point. Then lock the head azimuth adjusting screw.

2. Fast Forward, Rewind Gear Alignment

(See Fig. 2)

○ If the mechanism does not operate properly and abnormal sound (gear noise) is produced at the time of fast forward and rewind, first of all check whether the sound is produced during fast forward (FF) or rewinding (REW). If it is produced during FF, adjust by bending the claw (A) to the left or right with radio pliers, etc., and if it is produced during REW, adjust by bending the claw (B) in the same manner. Adjust so that the clearance at this time between the flywheel and FF. REW gear becomes about 0.1 to 0.2mm.

- 1) If the gear engagement is loose and the gears produce a large noise, bend the claw away from the center line.

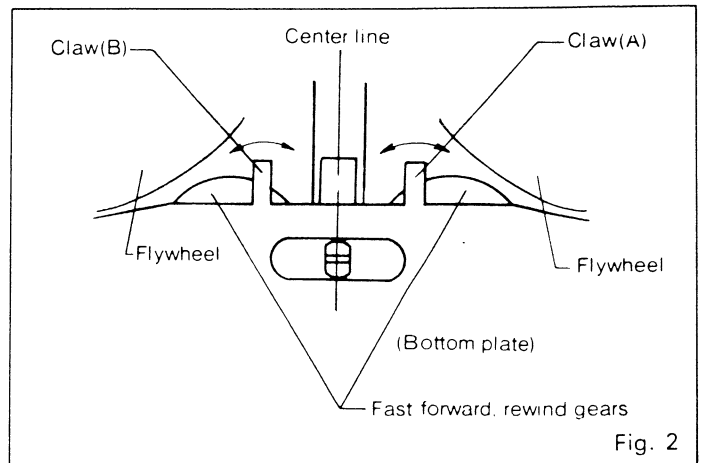


Fig. 2

- 2) If the gear engagement is too hard and there is no clearance between the gears, bend the claw toward the center line.

3. Adjustment of Power Switch (See Fig. 3)

○ If power does not turn on when pack is inserted (loaded), or if power does not turn off after ejecting the pack, and the underlying cause is found to be misadjustment of the power switch, adjust the switch at proper position by bending upward or downward the adjusting claw of the guide arm ass'y by means of radio pliers, etc. However, make sure that at the time of ejecting there is a clearance of at least 0.2mm to 0.3mm between the body of the switch and the switch lever.

- 1) If power does not turn on when loading pack, adjust by bending the adjusting claw downward.

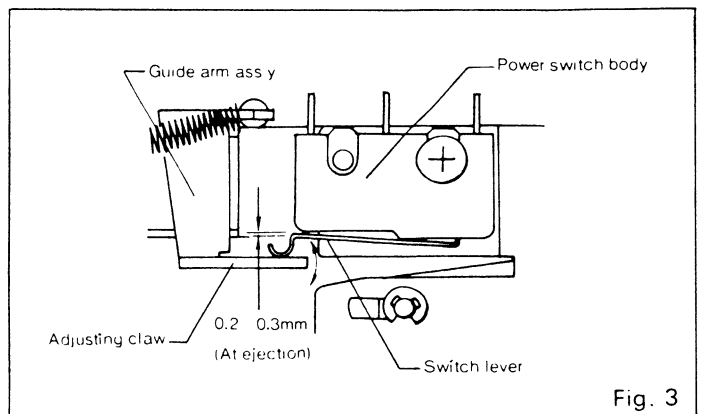


Fig. 3

- 2) If power does not turn off when ejecting pack, adjust by bending the adjusting claw upward.

4. Adjustment of Suction Plunger (See Fig. 4)

- If it is not possible to hold the fast forward and rewind operations due to improper position of the plunger, adjust the position of the plunger.

To adjust, first load cassette. When cassette is loaded, the holding piece (or core plate) will come near the plunger. Now loosen the machine screws with which the plunger ass'y is fixed, adjust the position of the plunger ass'y so that the holding piece touches the plunger core and comes maximum to the right and fix it there by tightening the machine screws. However, at this time take care of the following matters.

- 1) If the plunger core attached to the holding piece is too much separated (lies too much toward the right side), it will not be attached and thus fast forward and rewind operations will not be held.

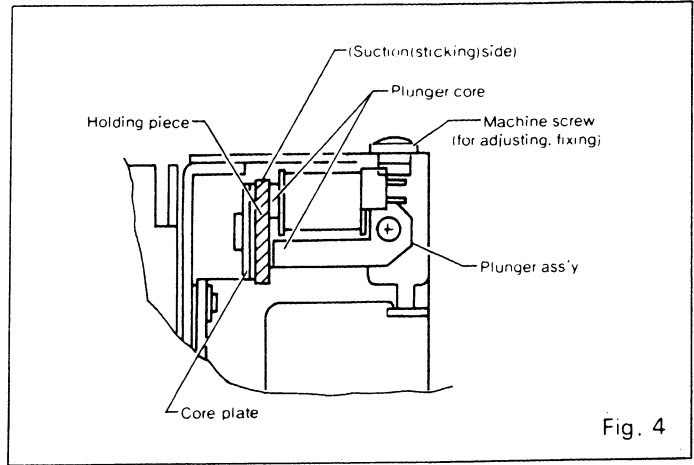


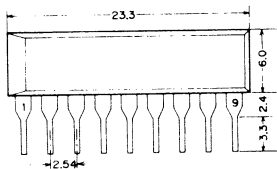
Fig. 4

- 2) On the contrary, if it is too much close (lies too much toward the left side), the holding piece will stick but the fast forward or rewind operation will not be held or if held, will get released upon being subjected to shock.

EXPLANATION OF IC's:

AN6262	051-0566-00	MUSIC INTERVAL DETECTION IC
AN6262N	051-0566-01	
AN6263	051-0561-00	
AN6263N	051-0561-01	

Drawing of General View



Terminal Connection Diagram

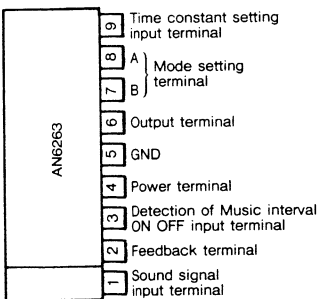


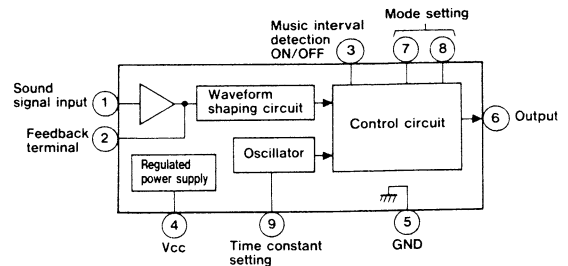
Table of Modes

A	B	Mode	
		AN6262,N	AN6263,N
L	L	OFF	OFF
L	H	PLAY	FF/RWD
H	L	FF/RWD	PLAY
H	H	OFF	OFF

Description of Terminal

1	Sound signal input	Sound signal is input.
2	Feedback terminal	Sound signal amplifier feedback terminal.
3	Music interval detection ON/OFF	When "H" is input, Music interval detecting function is actuated.
4	Power terminal	
5	GND	
6	Output	When the Music interval is detected, "H" pulse is output.
7	Mode setting B	Modes of OFF, PLAY and FF/REW are set. Refer to Table of Modes.
8	Mode setting A	
9	Time constant setting	Sets the oscillation cycle of oscillator which specifies the timing of IC function. Refer to Summary of Functions.

Block Diagram



When the Music interval detection ON/OFF terminal (3 pins) is set to "H", the IC is reset at the "rise" and the output (6 pins) becomes "L". Then, the sound signal is changed into the pulse by the waveform shaping circuit, but when this pulse is input into the control circuit of 3968 * 1 pcs, the IC recognizes the existence of a curve. Then, while 3712 * 2 pcs of output pulses from the oscillator are being output, the IC assumes that there is a music interval, if there is no pulse by the sound signal while 3712 * 2 pcs of output pulse of oscillation are being output, and "H" is output (pin 6) only while 265 pcs of output pulse from the oscillator are being output.

- * 1 : 384 pcs in FF/RWD
- * 2 : 128 pcs in FF/RWD

The period T_{osc} of oscillator is decided as follows by the capacity C of the condenser connected to the time constant setting terminal (pin 9).

$$T_{osc} = (8.64 \pm 1.9) C \text{ (msec)}$$

Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Item	Symbol	Rating		Unit
		AN6262 AN6263	AN6262N AN6263N	
Power voltage	Vcc	16	16	V
Power current	I_k	21.0	28.0	mA
Allowable loss	P_D	420	450	mW
Output current	I_o	150	150	mA

Electrical Characteristics (Unless specified otherwise,
 $V_{CC}=4.5 \sim 16V$, $T_a = -30^{\circ} \sim 80^{\circ}C$)

No	Item	Symbol	Test circuit	Condition	Allowable value			Unit	Note
					min	typ	max		
1	Power current	I_{CC}			12.5		21.0	mA	DC inspection item
2	Oscillation frequency	f_{osc}	1	$V_{in}=0mV$ $V_j=V_i=V_A=0V$	0.9	1.2	1.47	kHz	
3	Signal detection level	V_{in}	1	$V_{in}=10kHz$ $V_j=V_i=2V$, $V_A=0V$	1.7		2.7	mVrms	
4	Music interval ON/OFF level	V_{1s}			1.1		1.6	V	DC inspection item
5	Music interval detection OFF outflow current	I_j			-1.2		-0.6	mA	-
6	Mode switching level 7 terminal	V_{7s}			1.0		1.5	V	-
7	Mode switching level 8 terminal	V_{8s}			1.0		1.5	V	-
8	Mode switching circuit outflow current 7 terminal	I_7			-1.2		-0.6	mA	-
9	Mode switching circuit outflow current 8 terminal	I_8			-1.2		-0.6	mA	-

LB0354 051-0619-00 LOUDNESS with MUTING

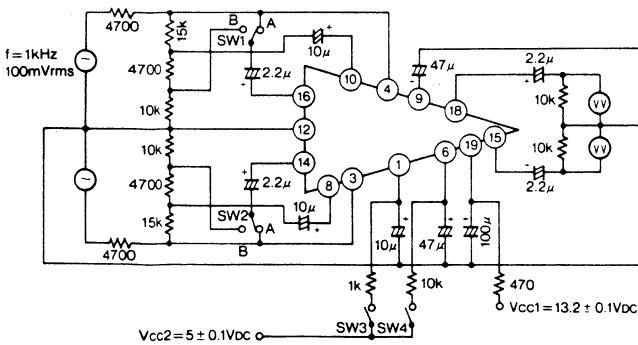
Absolute Maximum Ratings ($T_a = 25^{\circ}C$)

Supply Voltage	V_{CC1}	+20V
	V_{CC2}	+16V

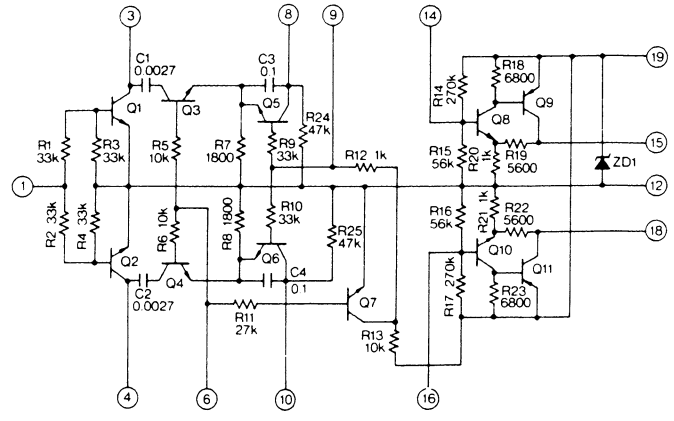
Electrical Characteristics ($T_a = 25^{\circ}C$)

Item	Symbol	Condition	Value			Unit
			min.	typ.	max.	
Frequency Range	V_{f1}	$f=100Hz$ $V_f(1kHz)=0dB$	-0.5	-0.1	+0.5	dB
	V_{f2}	$f=10kHz$ $V_f(1kHz)=0dB$	-0.5	-0.1	+0.5	dB
Loudness Effect	$GL1$	$f=100Hz$ SW1, 2→B SW3 →OFF SW4 : OFF→ON	+6.0	+12.0		dB
	$GL2$	$f=10kHz$ SW1, 2→B SW3 →OFF SW4 : OFF→ON	+4.0	+5.5		dB
Muting Effect	G_M	$f=1kHz$ $e_i=100mV$ SW1, 2→A SW4 →OFF SW3 : OFF→ON	40	56		dB
Cross Talk	G_C	$f=1kHz$ $e_i=100mV$ SW1, 2→A SW3, 4→OFF	-50	-63		dB
Tortal Harmonic Distortion	T.H.D.	$f=1kHz$ $V_{out}=400mV$		0.05	0.2	%
		$f=1kHz$ $V_{out}=1.2V$		0.2	1.0	%
Offset Noise	V_N	Input : Short		0.1	0.5	mVrms
Voltage Gain	G_V	$f=1kHz$ $e_i=100mV$ SW1, 2→A SW3, 4→OFF	400	470		mVrms

Test Circuit



Circuit Diagram



Q1,2 : 2SC3326 or 2SD1306 Q3,4,5,6,7,8,10 : 2SC2812 or 2SC2712
 Q9,11 : 2SA1179 or 2SA1162 ZD1 : RD8.2MB R1 : 5%

MB3756 051-0526-00 Constant-voltage Source

Refer to the description in Manual PE-9065A(E921)

TA7280P 051-0784-00 22W BTL Power Amp.
TA7281P 051-0785-00

Refer to the description in Manual PE-9092A(969HX)

TA7411AP 051-0798-00 FM IF System
TA7411AP-CLA 051-0798-01

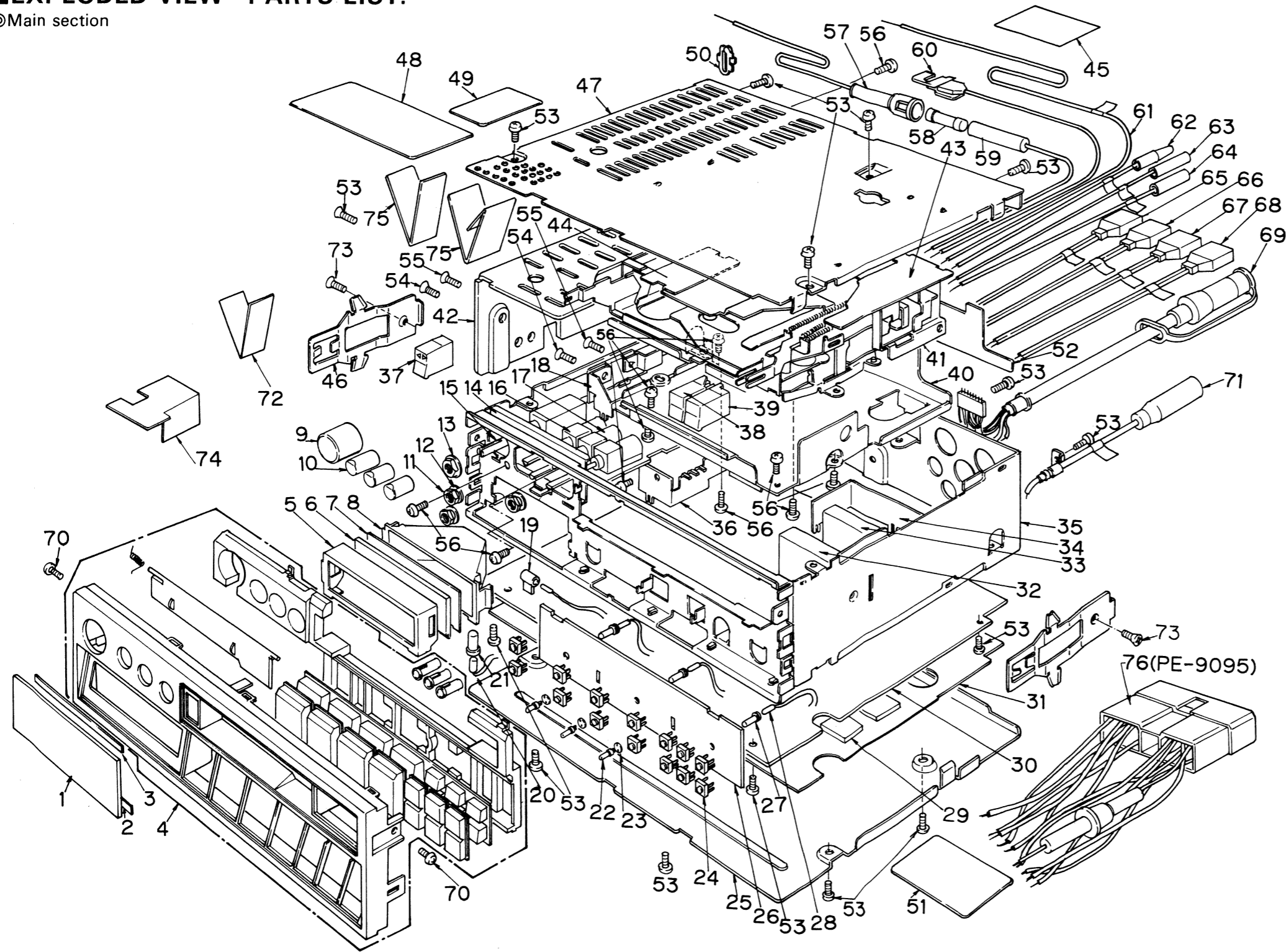
Refer to the description in Manual PE-9092A(969HX)

μPD1714G-526-12 051-0794-00 PLL Frequency Synthesizer & Tuner Controller

Refer to the description in Manual PE-9092A(969HX)

EXPLODED VIEW • PARTS LIST:

©Main section



REF.NO.	PART NO. (ORDER NO.)	DESCRIPTION	Q'TY
30	099-7781-00	P.W.B	1
31	347-2165-01	Insulator	1
32	941-0159-01	LW/MW tuner	1
33	880-1407A	FM front end tuner	1
34	330-8431-00	Earth plate	1
35	312-0268-01	Chassis	1
36	944-0723-00	Filter ass'y	1
37	382-1082-00	Button (PRO)	1
38	382-1093-00	Button (REW/EJ)	1
39	382-1094-00	Button (FF/EJ)	1
40	330-8428-00	Mechanism holder	1
41	930-0523-10	Tape mechanism	1
42	313-1269-00	Heat sink	1
43	347-2147-00	Insulator (MECH-P.W.B)	1
44	347-2146-00	Insulator (MECH-SW)	1
45	285-1254-00	Guide label (only PE-9095A-A)	1
46	750-2486-00	Spring	2
47	303-0334-00	Upper cover	1
48	285-0915-00	Guide label	1
49	285-1000-00	Guide label	1
50	335-1164-00	Lead clamp	1
51	286-5835-00	Set plate (PE-9094A-A)	1
	286-5836-00	Set plate (PE-9095A-A)	1
52	347-2145-00	Insulator	1
53	731-3006-80	Tap tight (M3x6)	15
54	714-3006-41	Machine screw (M3x6)	2
55	714-3006-81	Machine screw (M3x6)	2
56	714-3004-81	Machine screw (M3x4)	11
57	850-2258-00	A-lead (POWER) (only PE-9094A-A)	1
58	120-0050-00	Fuse (5A) (only PE-9094A-A)	1
59	850-2268-02	A-lead (POWER) (only PE-9094A-A)	1
60	840-0386-00	Bonding wire (GND) (only PE-9094A-A)	1
61	850-2360-00	A-lead (BACK UP) (only PE-9094A-A)	1
62	850-2361-00	A-lead (ILLUMI) (only PE-9094A-A)	1
63	852-5322-02	Extension lead (SEEK) (only PE-9094A-A)	1
64	852-6652-01	Extension lead (AUTO ANT) (only PE-9094A-A)	1
65	851-2602-03	Speaker lead (only PE-9094A-A)	1
66	851-2602-02	Speaker lead (only PE-9094A-A)	1
67	851-2602-01	Speaker lead (only PE-9094A-A)	1
68	851-2602-00	Speaker lead (only PE-9094A-A)	1
69	852-9245-00	Extension lead	1
70	714-3005-81	Machine screw (M3x5)	2
71	092-0604-00	Antenna receptacle	1
72	347-2149-00	Insulator (only PE-9094A-A)	1
73	714-3005-41	Machine screw (M3x5)	2
74	347-2228-00	Insulator	1
75	347-2148-00	Insulator (PE-9094A-A) (PE-9095A-A)	2
76	852-9210-00	Extension lead (only PE-9095A-A)	1

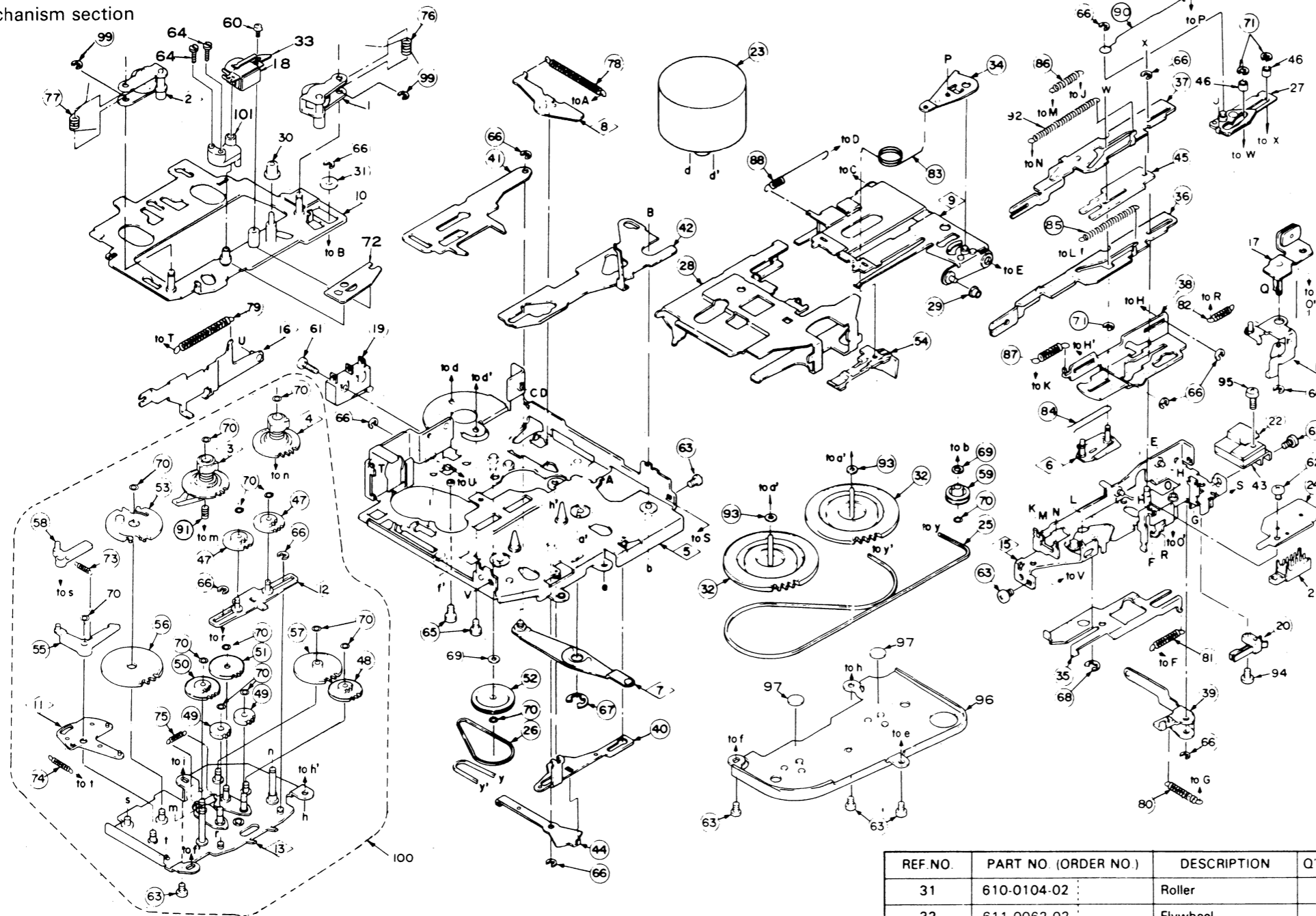
REF.NO.	PART NO. (ORDER NO.)	DESCRIPTION	Q'TY
1	373-0465-01	Dial cover	1
2	347-1105-00	Double face	1
3	347-1873-00	Double face	1
4	940-2923-02	Escutcheon ass'y (PE-9094A-A)	1
	940-2923-03	Escutcheon ass'y (PE-9095A-A)	1
5	335-2225-00	LCD cover	1
6	379-0125-00	Indicator	1
7	371-3361-00	Trim plate	1
8	335-2226-00	LCD holder	1
9	380-4762-00	Knob	1

REF.NO.	PART NO. (ORDER NO.)	DESCRIPTION	Q'TY
10	380-4763-00	Knob	3
11	722-0332-00	Nut	3
12	745-0560-00	Washer	3
13	722-0368-00	Nut	1
14	330-8429-00	Volume holder	1
15	012-4509-00	Variable resistor	1
16	012-4507-00	Variable resistor	1
17	012-4508-00	Variable resistor	2
18	330-8430-00	IC holder	1
19	345-3316-01	Lamp rubber	1

REF.NO.	PART NO. (ORDER NO.)	DESCRIPTION	Q'TY
20	017-0346-04	Pilot lamp (LCD)	1
21	345-3667-07	Lamp rubber (LCD)	1
22	001-0369-00	LED lamp (RED)	3
23	353-0268-00	Shade	3
24	013-3694-00	Tact switch	14
25	304-0387-00	Lower cover	1
26	099-7755-00	P.W.B (SW)	1
27	345-3436-10	Lamp rubber	3
28	017-0338-14	Pilot lamp	4
29	345-4162-00	Cushion rubber	2

EXPLODED VIEW · PARTS LIST:

◎Tape mechanism section

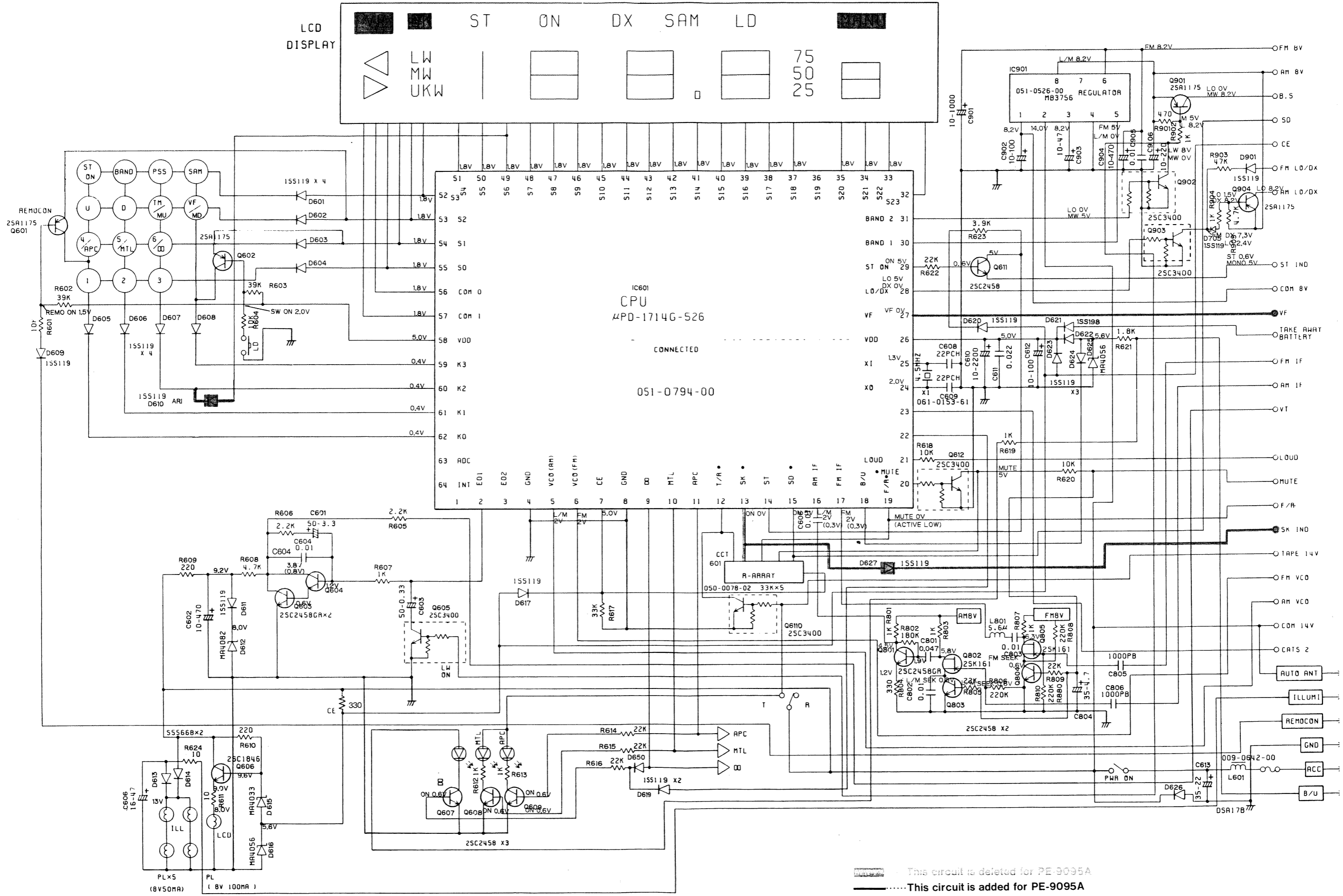


REF NO.	PART NO. (ORDER NO.)	DESCRIPTION	Q'TY
1	960-3321-06	Roller F ass'y	1
2	960-3322-06	Roller R ass'y	1
3	960-3323-01	Reel base ass'y	1
4	960-3324-01	Reel base ass'y	1
5	960-3325-08	Deck plate ass'y	1
6	960-3568-02	Spring H ass'y	1
7	960-3328-04	Coupling P ass'y	1
8	960-3329-01	Link ass'y	1
9	960-3330-06	Guide arm ass'y	1
10	960-3562-05	Head plate ass'y	1
11	960-3332-03	Check P-B ass'y	1
12	960-3333-02	FF plate ass'y	1
13	960-3334-06	Bottom P ass'y	1
14	960-3577-03	Lock plate ass'y	1
15	960-3567-04	Frame ass'y	1

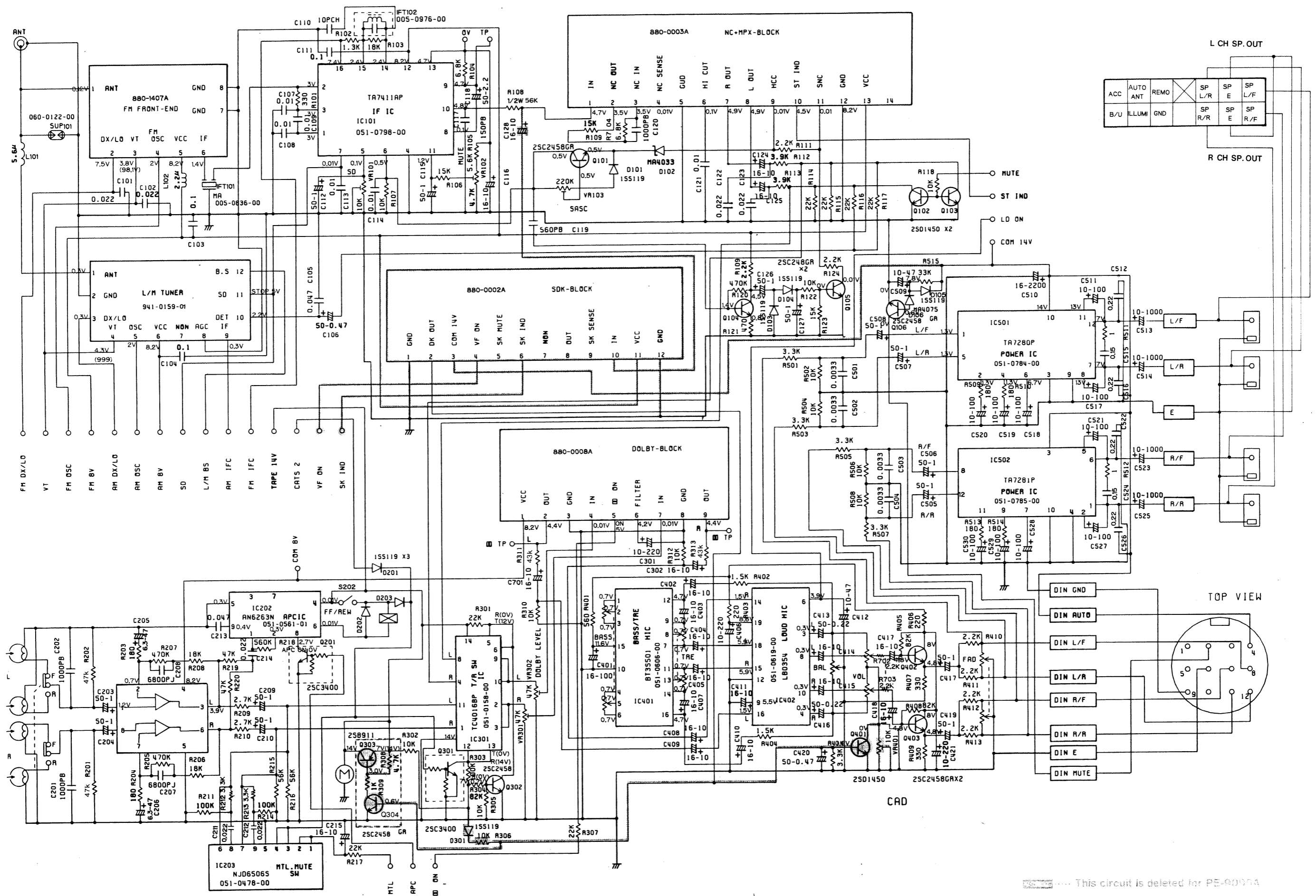
REF NO.	PART NO. (ORDER NO.)	DESCRIPTION	Q'TY
16	960-3338-02	Program lever ass'y	1
17	960-3566-01	Core plate ass'y	1
18	011-0296-00	Head	1
19	013-2690-03	Switch	1
20	013-3470-01	Switch	1
21	013-3646-00	Switch	1
22	015-0232-00	Plunger	1
23	SMA-109-100	D.C. motor ass'y	1
24	099-6942-01	P.W.B	1
25	602-0068-00	Belt-A	1
26	602-0069-00	Belt-B	1
27	960-3565-01	Over plate ass'y	1
28	606-0071-07	Pack guide	1
29	610-0080-00	Roller	1
30	610-0258-01	Head plate roller	1

REF NO.	PART NO. (ORDER NO.)	DESCRIPTION	Q'TY
31	610-0104-02	Roller	1
32	611-0062-02	Flywheel	2
33	630-1689-01	Head spring	1
34	630-1394-03	Swing plate	1
35	630-1400-04	Off plate-B	1
36	630-1669-04	FF lever-A	1
37	630-1670-02	REW lever	1
38	960-3563-02	Eject plate ass'y	1
39	630-1405-01	Off arm	1
40	630-1407-02	FF plate-B	1
41	630-1410-00	Power plate	1
42	630-1691-01	Change plate	1
43	630-1675-01	Plunger plate	1
44	630-1420-00	FF link	1
45	630-1671-01	Hold plate	1
46	632-1557-00	Roller B	2
47	631-0353-00	FF-REW gear	2
48	631-0354-01	Gear-B	1

REF NO.	PART NO. (ORDER NO.)	DESCRIPTION	Q'TY
49	631-0355-01	Play idler gear	2
50	631-0356-00	Gear-R	1
51	631-0357-00	Gear-F	1
52	631-0358-02	Gear pulley	1
53	960-3506-01	Power gear ass'y	1
54	631-0455-01	Pack stopper	1
55	631-0361-00	Lock link	1
56	631-0362-01	Cam gear	1
57	631-0363-02	Gear-A	1
58	631-0364-02	Sub lock link	1
59	631-0370-00	Tension pulley	1
60	714-2003-81	Machine screw (M2x3)	1
61	714-2308-81	Machine screw (M2.3x8)	1
62	716-0485-00	Screw	1
63	714-2604-81	Machine screw (M2.6x4)	6
64	716-0654-01	Screw	2
65	716-0690-00	Screw	2
66	743-1500-10	E-ring	12
67	743-4000-10	E-ring	1
68	744-0006-01	E-ring	1
69	745-0645-00	Washer	2
70	746-0628-01	Washer	14
71	744-0024-01	E-ring	3
72	630-1690-00	Adjust plate	1
73	750-2134-00	Spring	1
74	750-2135-01	Spring	1
75	750-2136-02	Spring	1
76	750-2372-01	Spring	1
77	750-2378-01	Spring	1
78	750-2139-01	Spring	1
79	750-2140-02	Spring	1
80	750-2141-01	Spring	1
81	750-2142-02	Spring	1
82	750-2144-00	Spring	1
83	750-2375-00	Spring	1
84	750-2199-00	Spring	1
85	750-2357-02	Spring	1
86	750-2359-00	Spring	1
87	750-2358-00	Spring	1
88	750-2150-00	Spring	1
89	750-2361-00	Spring	1
90	750-2360-01	Spring	1
91	750-2155-00	Spring	1
92	750-2356-02	Spring	1
93	746-0617-00	Washer	2
94	714-2604-11	Machine screw (M2.6x4)	1
95	714-2606-11	Machine screw (M2.6x6)	1
96	630-1415-01	Flywheel plate	1
97	631-0293-00	Thrust washer	2
99	743-2000-10	E-ring	2
100	960-3580-01	Bottom sub ass'y	1
101	631-0456-00	Adjust link	1

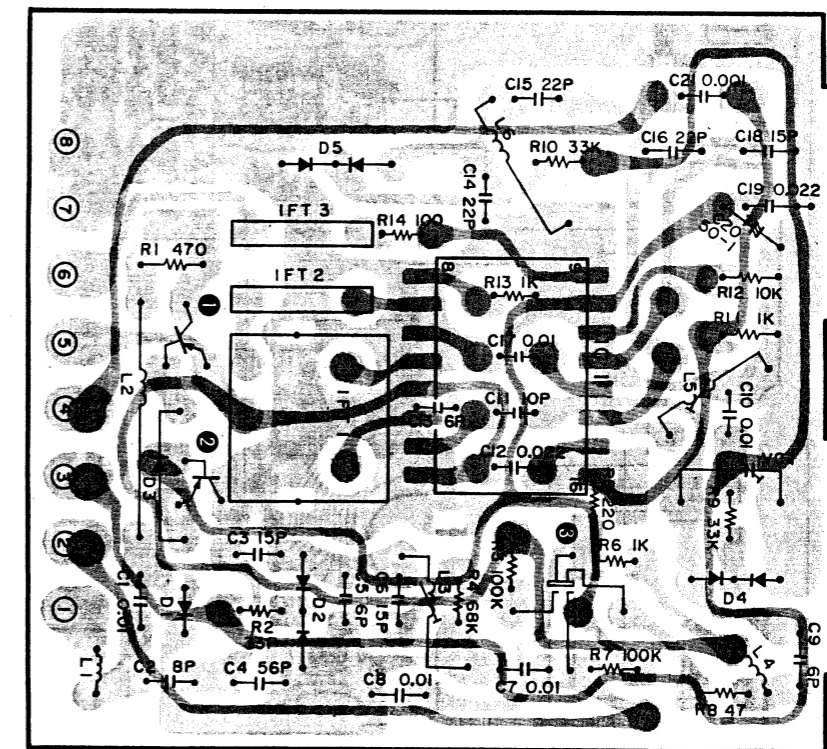
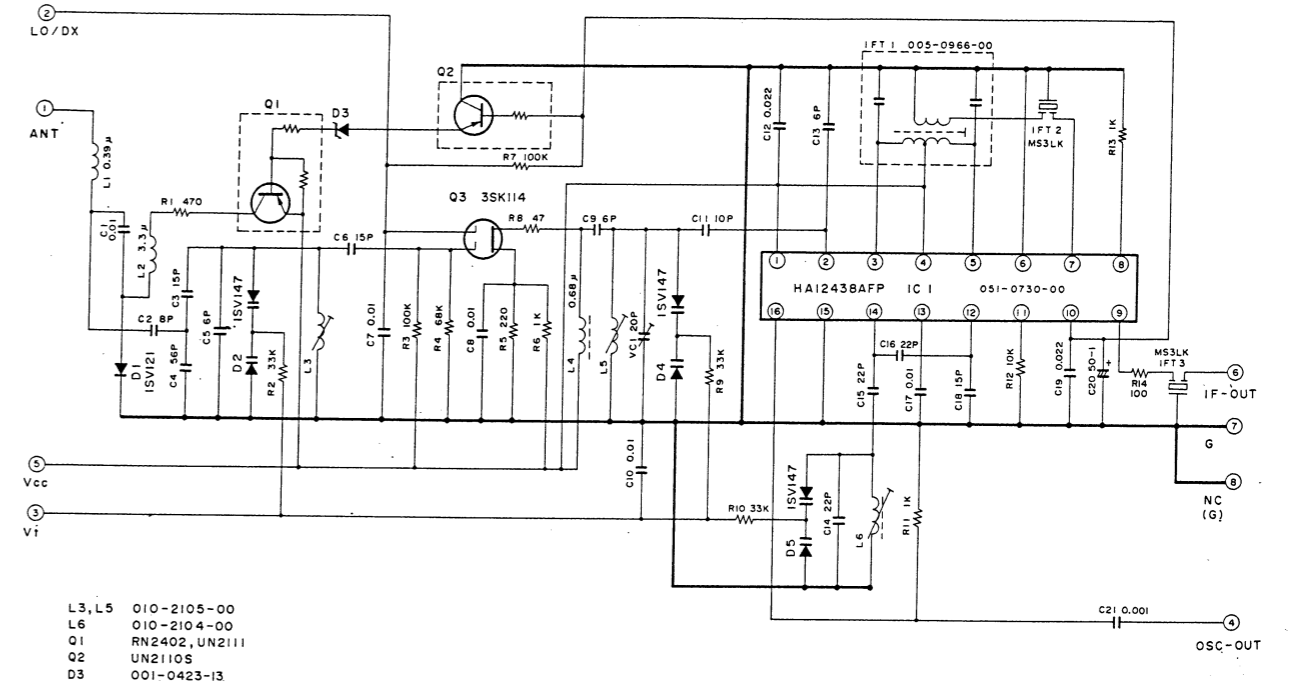
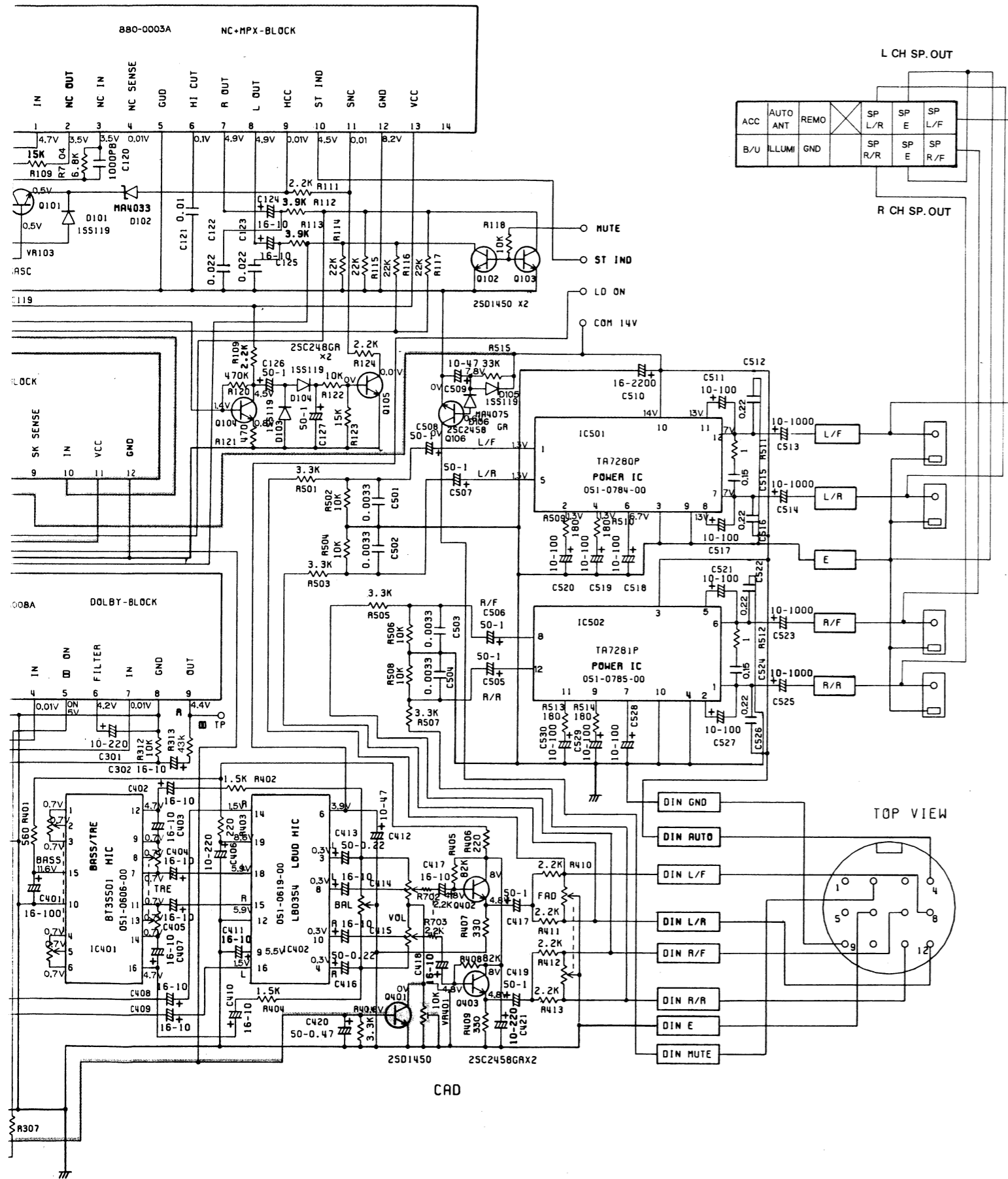


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———— This circuit is added for PE-9095A



..... This circuit is deleted for PE-9095A
 ——— This circuit is added for PE-9095A

■ FM FRONT END: 880-1407A

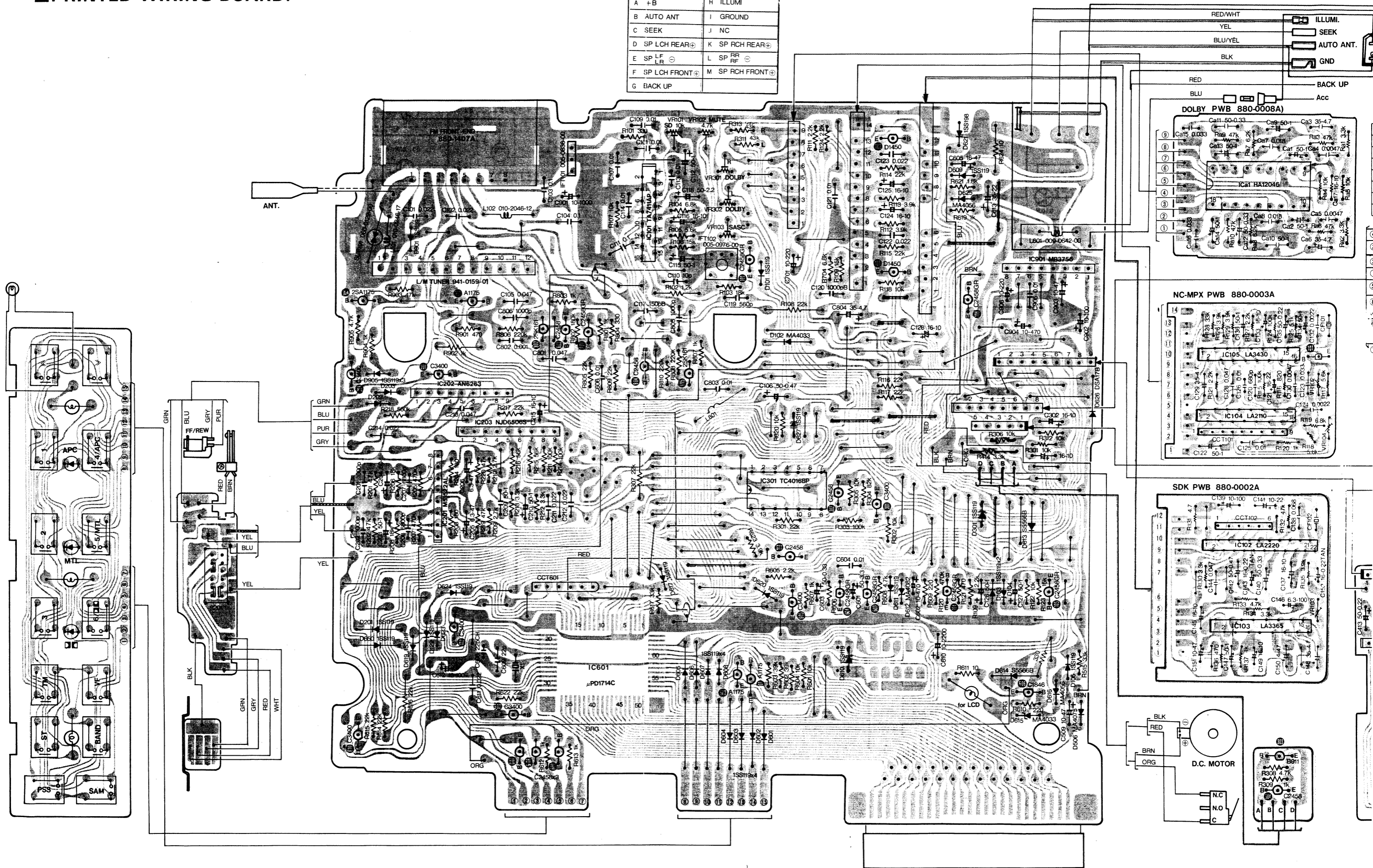


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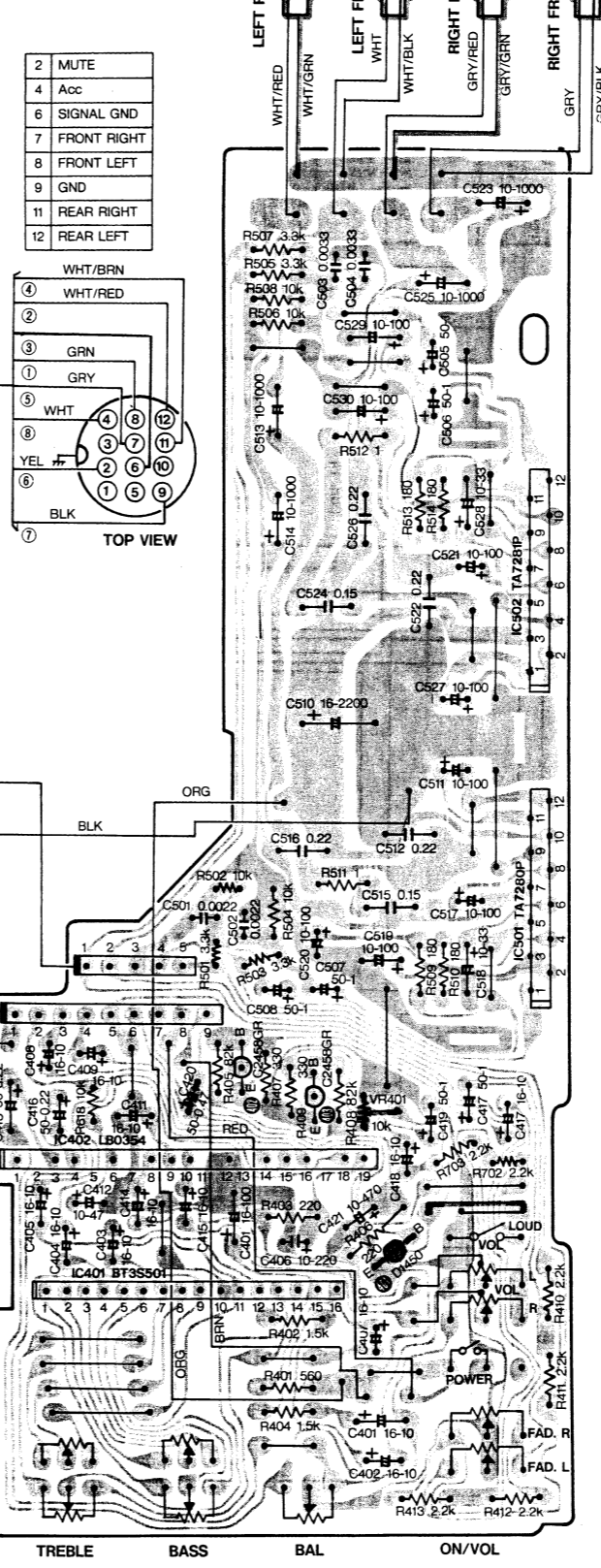
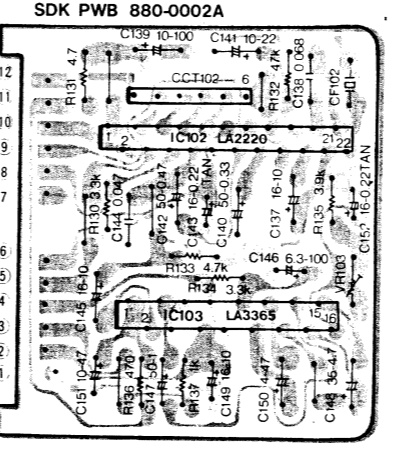
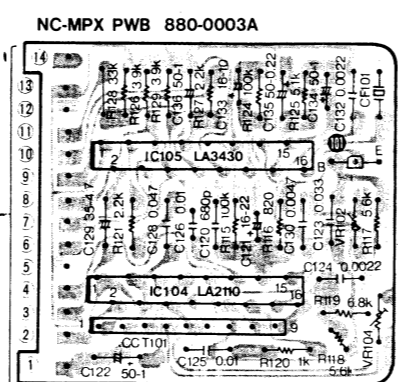
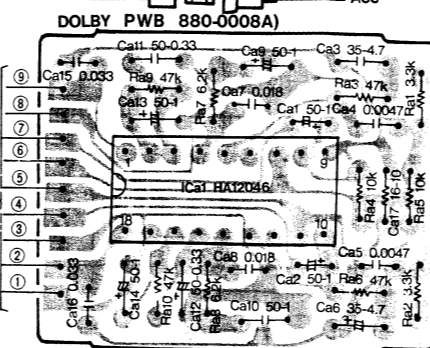
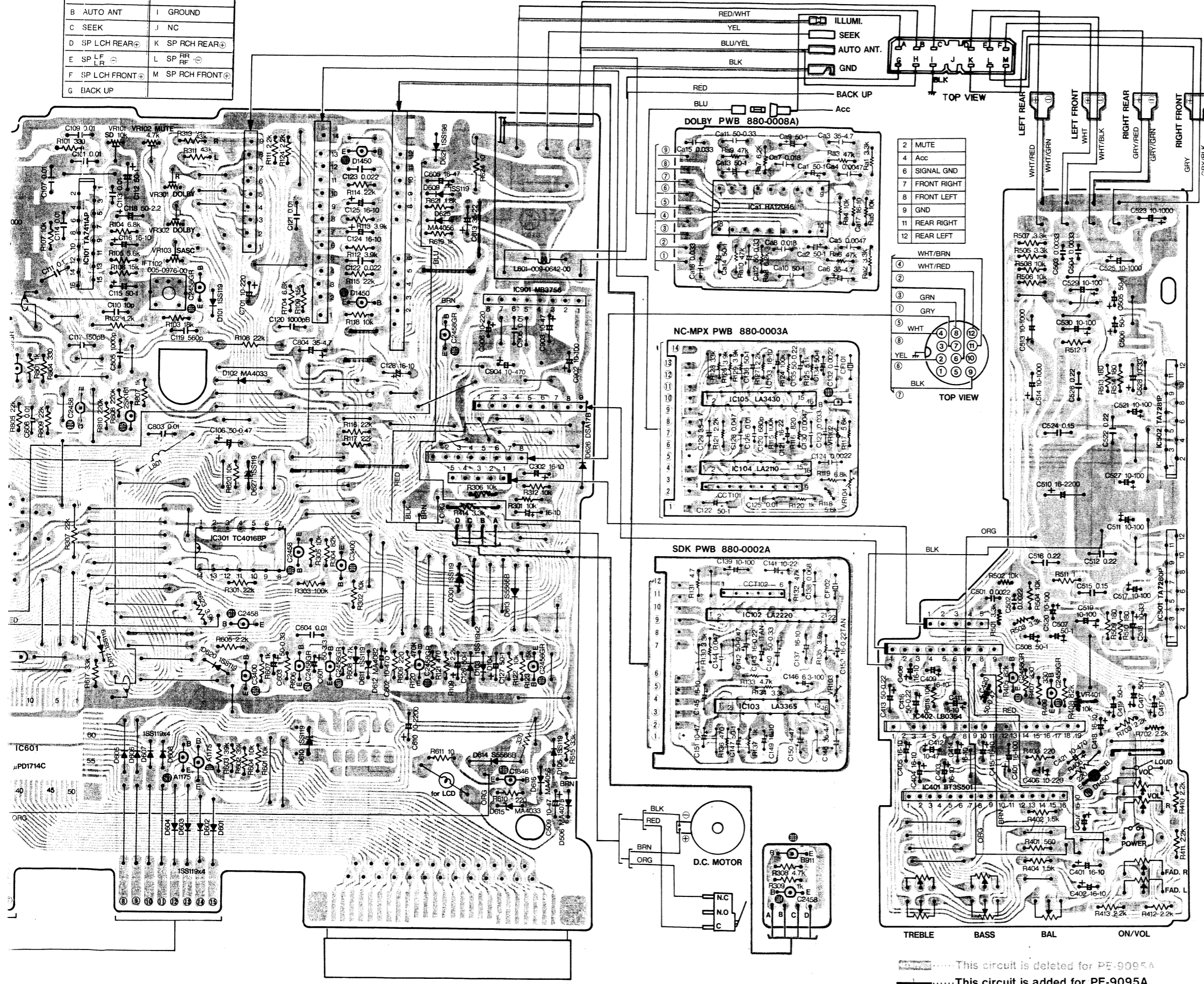
----- This circuit is added for PE-9095A

PRINTED WIRING BOARD:

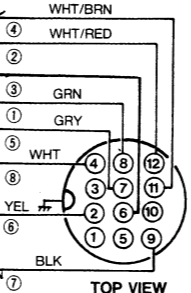
A +B	H ILLUMI
B AUTO ANT	I GROUND
C SEEK	J NC
D SP LCH REAR ⊕	K SP RCH REAR ⊕
E SP LF LR ⊖	L SP RF ⊖
F SP LCH FRONT ⊕	M SP RCH FRONT ⊕
G BACK UP	



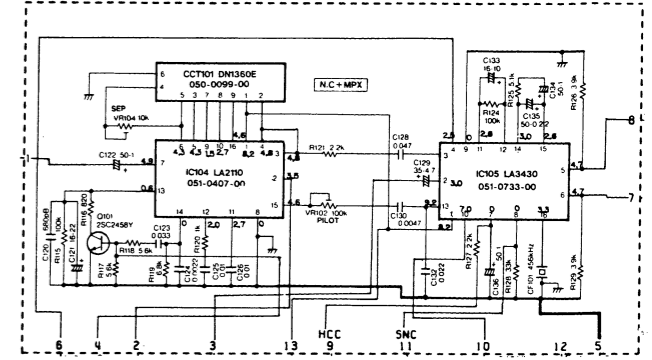
A + B	H ILLUMI
B AUTO ANT	I GROUND
C SEEK	J NC
D SP LCH REAR ⊕	K SP RCH REAR ⊕
E SP LF LR ⊖	L SP RR RF ⊖
F SP LCH FRONT ⊕	M SP RCH FRONT ⊕
G BACK UP	



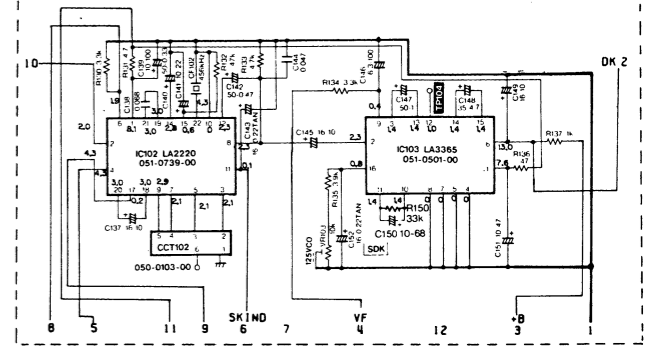
- MUTE
- Acc
- SIGNAL GND
- FRONT RIGHT
- FRONT LEFT
- GND
- REAR RIGHT
- REAR LEFT



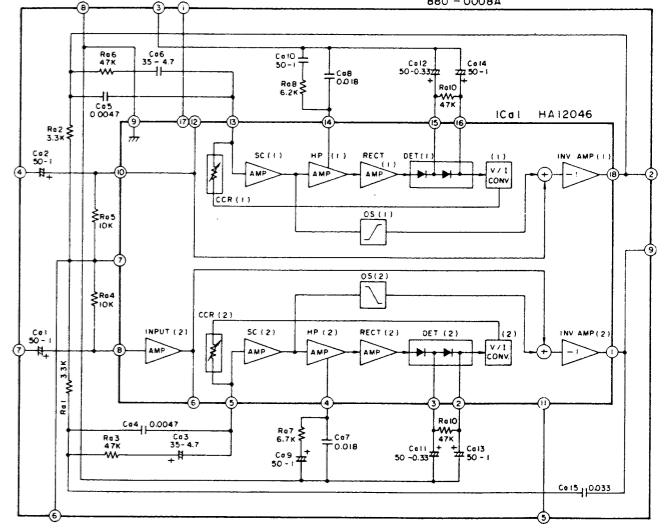
NC-MPX BLOCK Ass'y 880-0003A



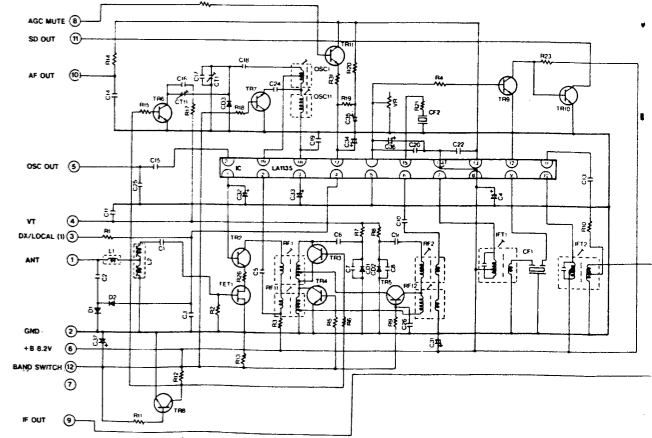
SDK BLOCK Ass'y 880-0002A



DOLBY BLOCK Ass'y(880-0008A)



L/M TUNER 941-0159-01



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 This circuit is added for PE-9095A