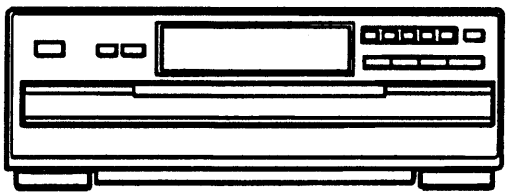
aiwa

DX-M90M

SERVICE MANUAL



COMPACT DISC PLAYER

• BASIC CD MECHANISM : CD－751

• TYPE. Y,YU,YK

[SUPPLEMENT]

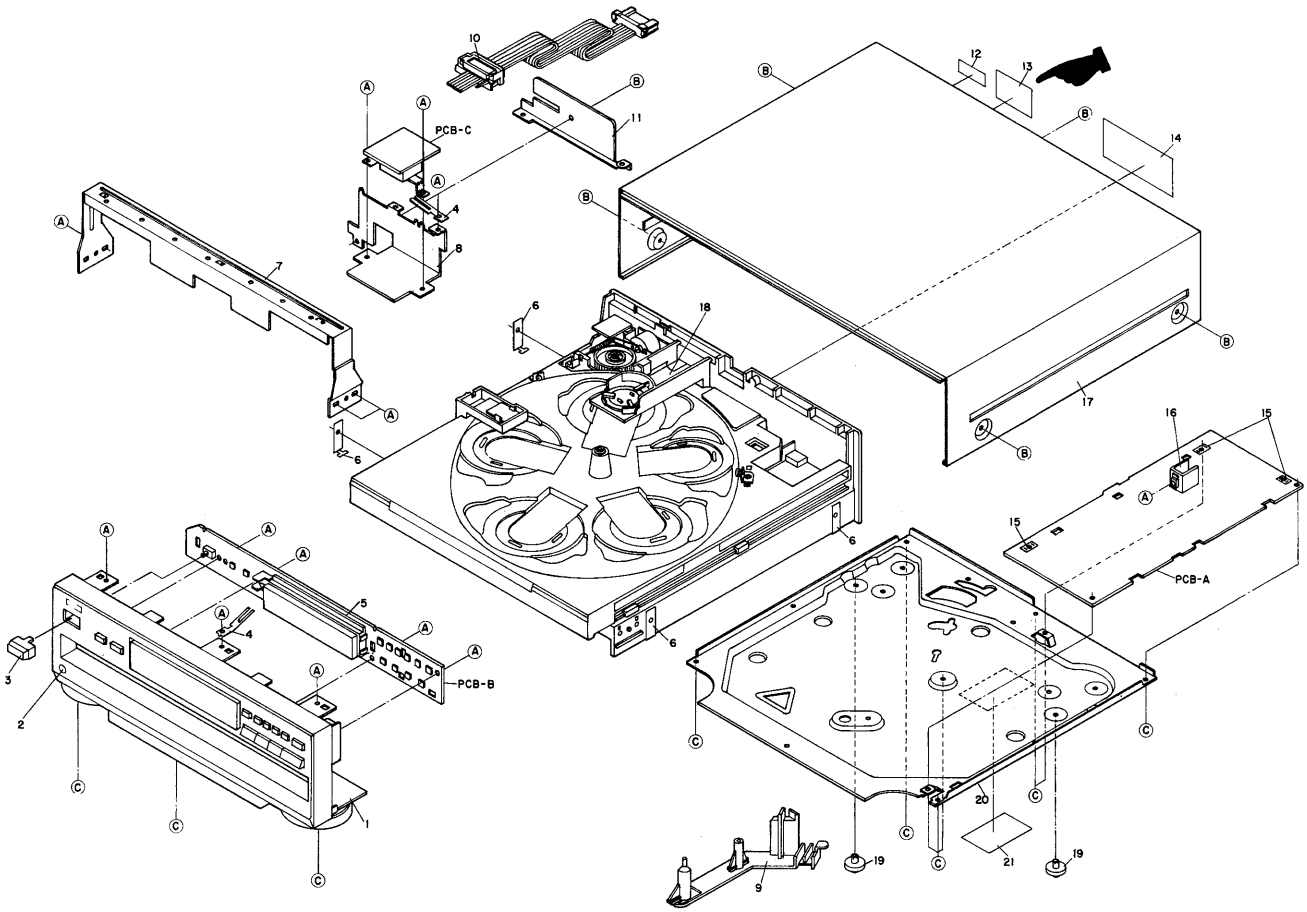
This manual describes design changes.
Read it in conjunction with the original manual (S/M Code No.90－089).

ELECTRICAL ALTERLATION PARTS LIST

REF. NO.	PART NO.	DESCRIPTION
===IC===		
	87-001-866-010	IC, UPD6376CX
===TRANSISTOR===		
	SA-934-V00-000	TRANSISTOR, 2SA934V
	SC-206-0VQ-000	TRANSISTOR, 2SC2060V
===DIODE====		
	87-020-400-080	DIODE, 1SR35
===MAIN CIRCUIT BOARD SECTION===		
C301	★87-015-975-010	CAP, ELECT 220-6.3V
C303	★87-015-971-010	CAP, ELECT 47-6.3V
C304	★87-015-971-010	CAP, ELECT 47-6.3V

S/M Code No. 0194 DATE OF ISSUE 12/1992－T

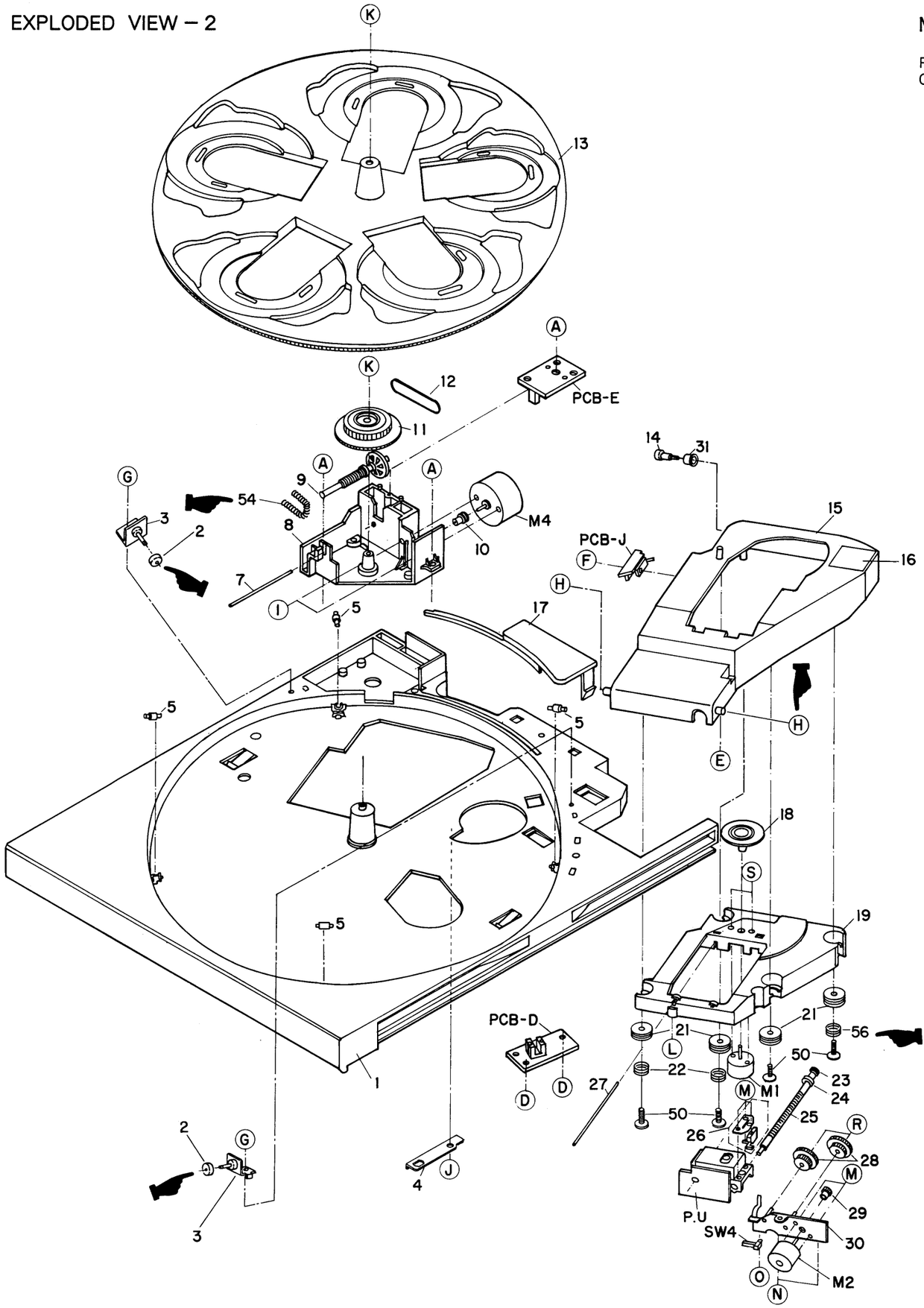
EXPLODED VIEW – 1



MECHANICAL ALTERLATION PARTS LIST – 1

PART NO. CHANGED	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q'TY
	1-13	★SO-RM4-008-370	LABEL, IEC		1

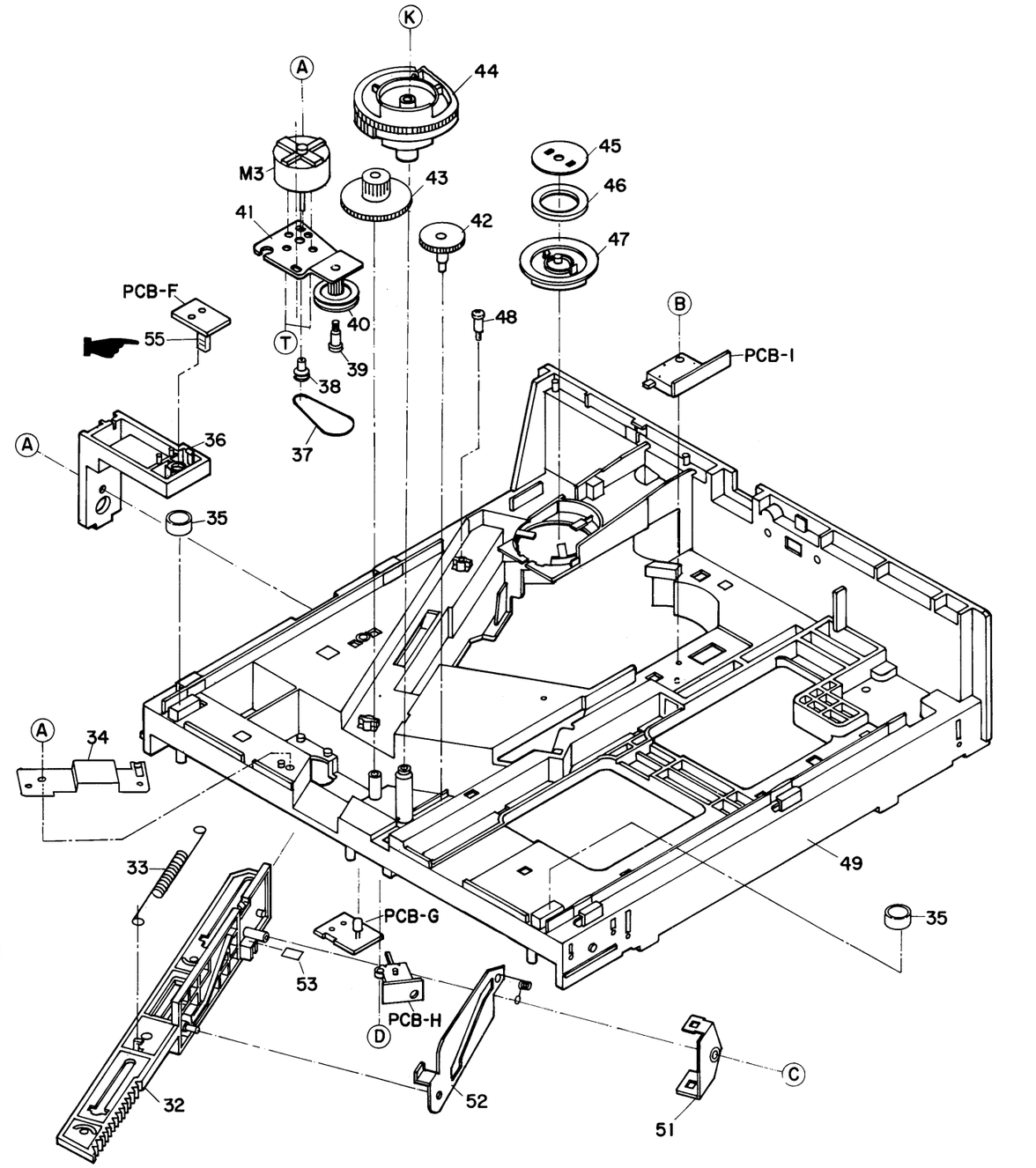
EXPLODED VIEW – 2



3

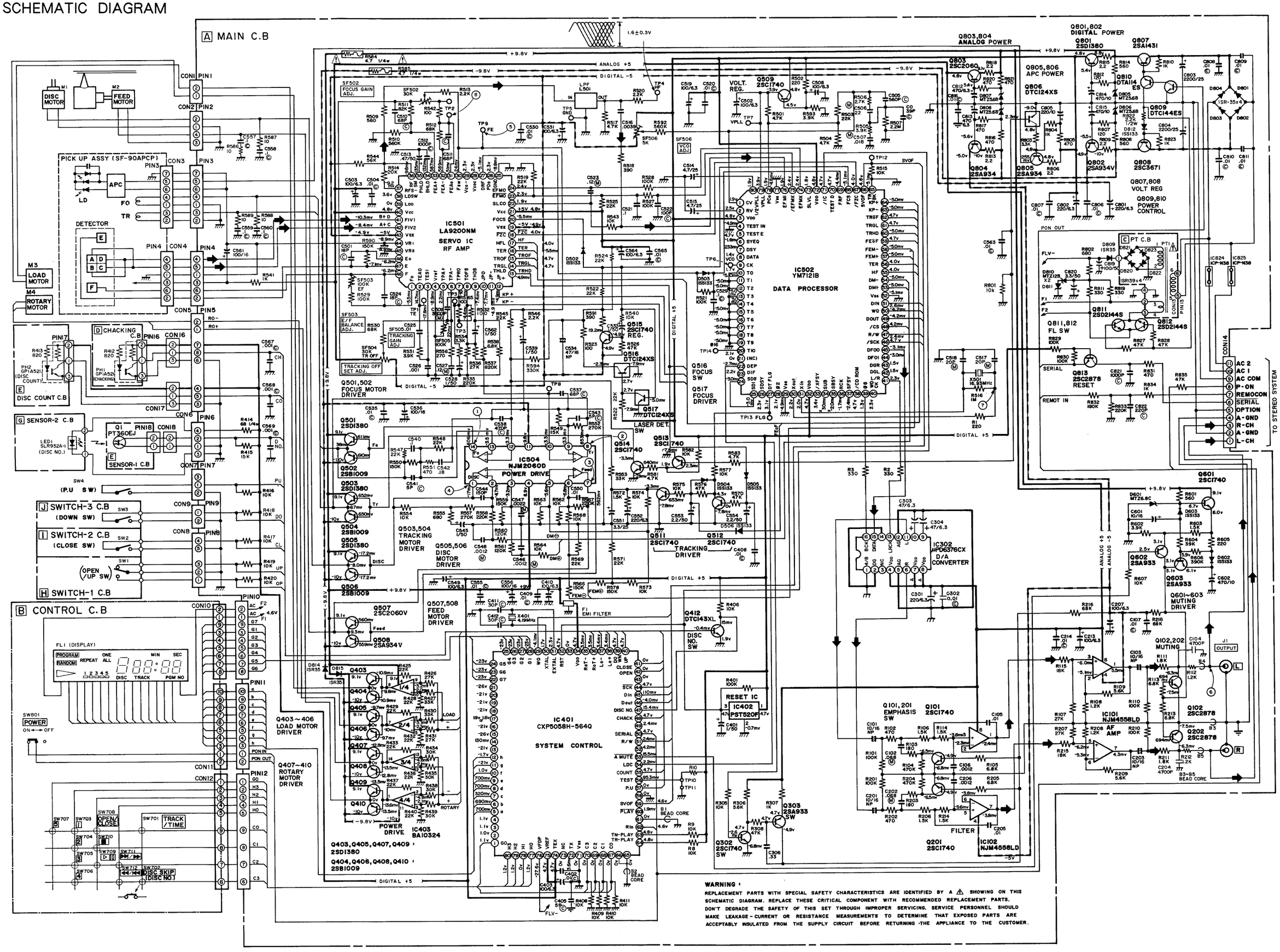
MECHANICAL ALTERLATION PARTS LIST – 2

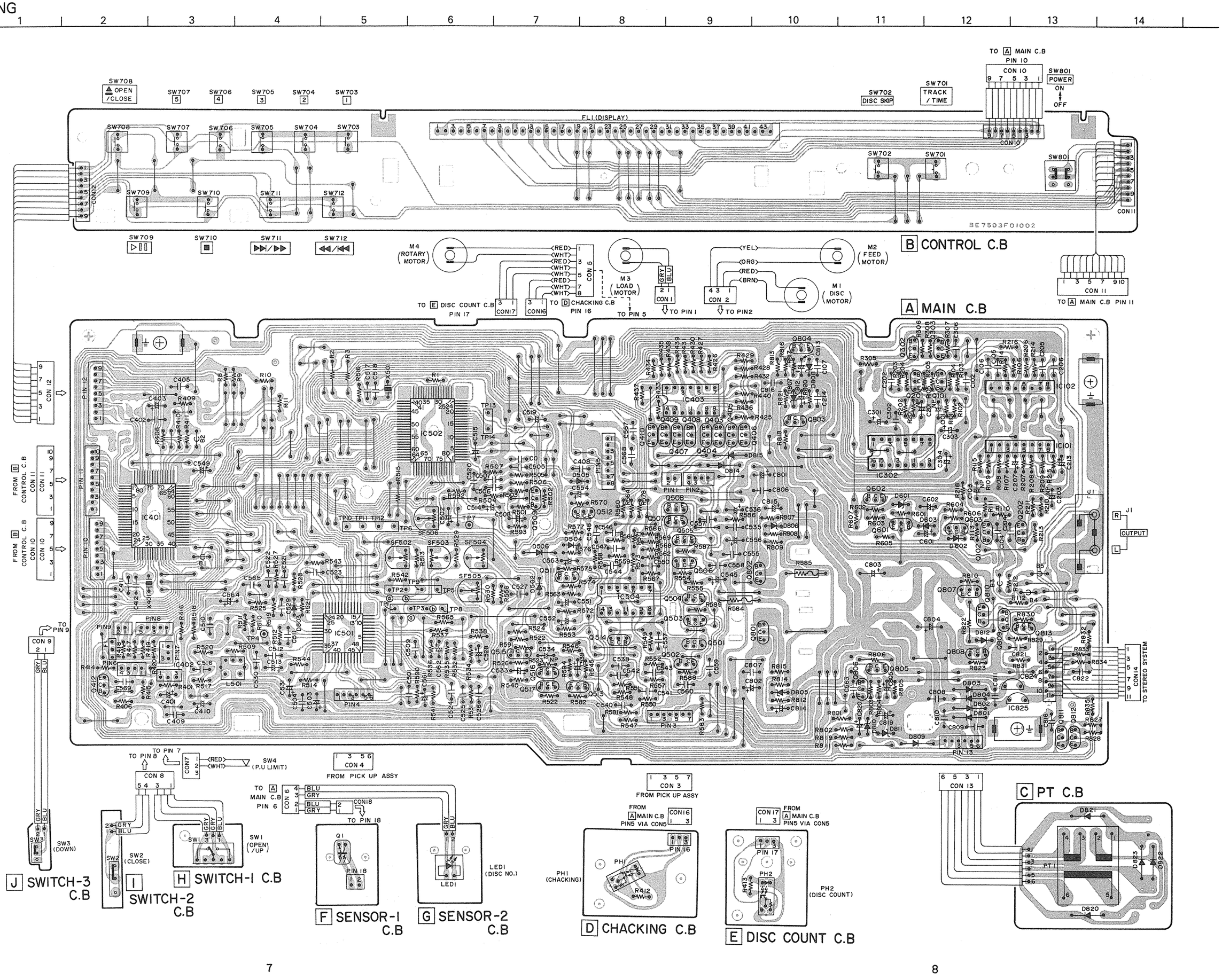
PART NO. CHANGED	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q'TY
	2-2	★S0-RM4-007-670	ROLLER, PINCH		2
	2-22	★S0-RM4-005-770	COIL SPRING, DAMPER		2
	2-54	★S0-RM4-008-330	SPRING, PS		1
	2-55	★S0-RM4-007-610	SPACER, SENSOR		1
	2-56	★S0-RM4-009-040	SPRING, DAMPER A		1



4

SCHEMATIC DIAGRAM

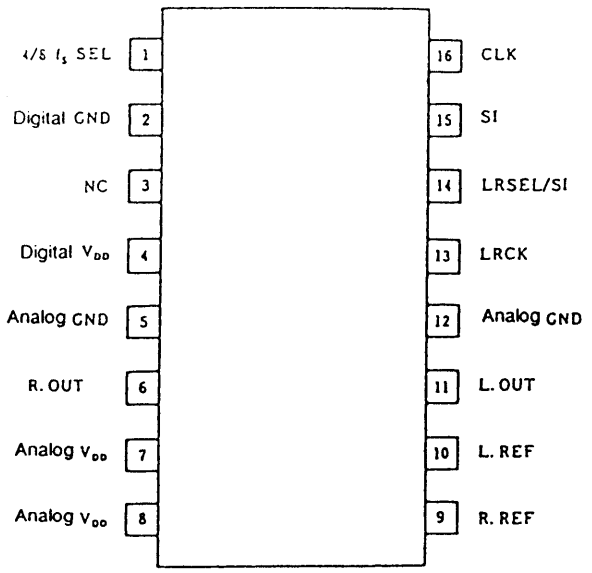



SW708 OPEN /CLOSE
SW707 5
SW706 4
SW705 3
SW704 2
SW703 1
SW709
SW710
SW711
SW712
SW702 DISC SKIP
SW701 TRACK / TIME
SW801 POWER ON OFF
FL1 (DISPLAY)
CON12
CON10
CON11
BE7503F01002
B CONTROL C.B
M4 (ROTARY MOTOR)
M3 LOAD MOTOR
M2 FEED MOTOR
M1 DISC MOTOR
CON5
CON1
CON2
CON17
CON16
TO E DISC COUNT C.B PIN 17
TO D CHACKING C.B PIN 16
TO PIN 5
TO PIN 1
TO PIN2
TO A MAIN C.B PIN 10
TO A MAIN C.B PIN 11
A MAIN C.B
IC401
IC502
IC501
IC403
IC302
IC101
IC102
IC824
IC825
Q409 Q408 Q403
Q407 Q404
Q508
Q512
Q504
Q503
Q514
Q502
Q517
Q513
Q807
Q808
Q805
Q813
Q602
Q603
Q601
Q606
Q801
Q811
Q812
Q501
Q803
Q804
Q101
Q102
Q202
Q302
Q303
Q304
Q305
Q306
Q307
Q308
D506
D505
D504
D814
D815
D602
D601
D603
D802
D803
D804
D805
D806
D807
D808
D809
D810
D811
D812
D813
D801
D820
D821
D822
D823
SF502
SF503
SF504
SF505
SF506
TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12 TP13 TP14
J1
R
L
OUTPUT
CON14
TO STEREO SYSTEM
FROM B CONTROL C.B CON11
FROM B CONTROL C.B CON10
TO PIN 9
CON9
SW3 (DOWN)
J SWITCH-3 C.B
SW2 (CLOSE)
I SWITCH-2 C.B
SW1 (OPEN) /UP
H SWITCH-1 C.B
TO PIN 7
TO PIN 8
CON7
CON8
SW4 (P.U LIMIT)
CON4
FROM PICK UP ASSY
TO A MAIN C.B PIN 6
CON6
CON18
TO PIN 18
Q1
LED1 (DISC NO.)
F SENSOR-1 C.B
G SENSOR-2 C.B
CON3
FROM PICK UP ASSY
FROM A MAIN C.B PIN5 VIA CON5
CON16
PH1 (CHACKING)
D CHACKING C.B
CON17
FROM A MAIN C.B PIN5 VIA CON5
PH2 (DISC COUNT)
E DISC COUNT C.B
CON13
C PT C.B
PT1

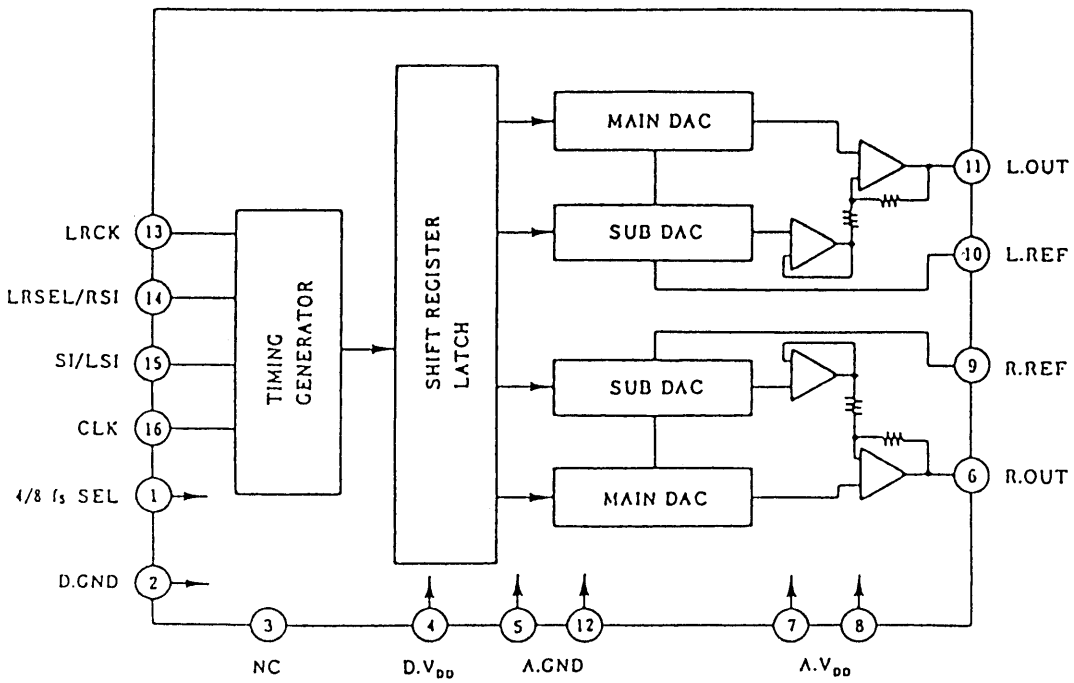
IC BLOCK DIAGRAM

IC302 (μPD6376)

■ Pin Diagram



■ Block Diagram



サービス技術ニュース	
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