

Service Manual

ORDER NO.
RRV 1633

FILE-TYPE CD PLAYER

PD-F79

- Refer to the service manual **RRV1439** for **PD-F805/KU**.

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Type	Model	Power Requirement	Remarks
	PD-F79		
KUXJ/CA	O	AC120V	

CONTENTS

1. CONTRAST OF MISCELLANEOUS PARTS 2
2. SCHEMATIC AND PCB DIAGRAMS 4

PIONEER ELECTRONIC CORPORATION

4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153, Japan

PIONEER ELECTRONICS SERVICE, INC. P.O.Box 1760, Long Beach, CA 90801-1760, U.S.A.

PIONEER ELECTRONIC [EUROPE] N.V. Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium

PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 501 Orchard Road, #10-00 Lane Crawford Place, Singapore 0923

1. CONTRAST OF MISCELLANEOUS PARTS

NOTES:

- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
- The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- Parts marked by "●" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.
- When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J = 5%, and K = 10%).

560 Ω	56×10^1	561	RD1/4PU561J
47k Ω	47×10^3	473	RD1/4PU473J
0.5 Ω	$0R5$		RN2H0R5K
1 Ω	$1R0$		RS1P1R0K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k Ω	562×10^1	5621	RN1/4PC5621F
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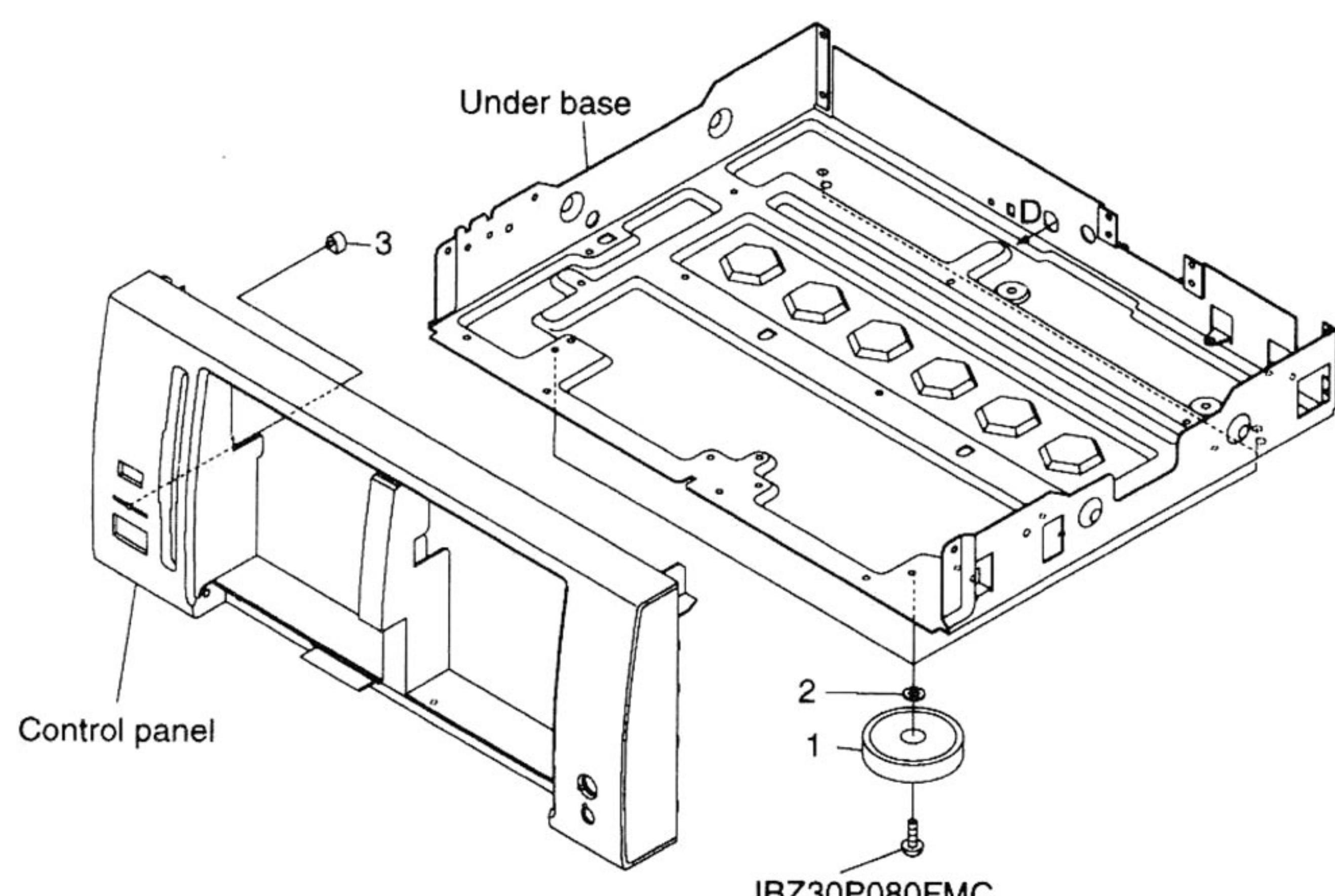
PD-F79/KUXJ/CA and PD-F805/KU have the same construction except for the following:

Mark	Symbol & Description	Part No.		Remarks
		PD-F805/KU	PD-F79/KUXJ/CA	
NSP	Mother PCB Assy	PWM2005	PWM2011	
	Power SW PCB Assy	PWZ3161	PWZ3162	
	Power PCB Assy	PWZ3179	PWZ3185	
	Foot Assy	AEC1531	Not used	
	Rubber Sheet	AEB1111	Not used	
	Insulator	Not used	PNW1912	*1 No.1
	Rear Base	PNA2245	PNA2306	
	Screw P	PBA1107	PBA1105	
	Spacer	Not used	PEC1034	*1 No.2
	Rack Base	PNW2611	PNW2691	
NSP	Link Spring	PBH1218	PBH1215	
	Control Panel	PNW2627	PNW2683	
	LED Lens	Not used	PNW2019	
	Name Plate	PAM1704	VAM1032	*1 No.3
	Door Panel	PNW2621	PNW2684	
	Packing Case	PHG2189	PHG2212	
	Packing Sheet	Z23 - 020	AHG7010	
	Battery (R6P, AA)	VEM - 013	AEX - 010	
	Jacket File	Not used	PHN1047	*1 No.4
	Index Label 50	Not used	PRW1414	*1 No.5
Operating instructions (English)		PRB1238	PRB1245	

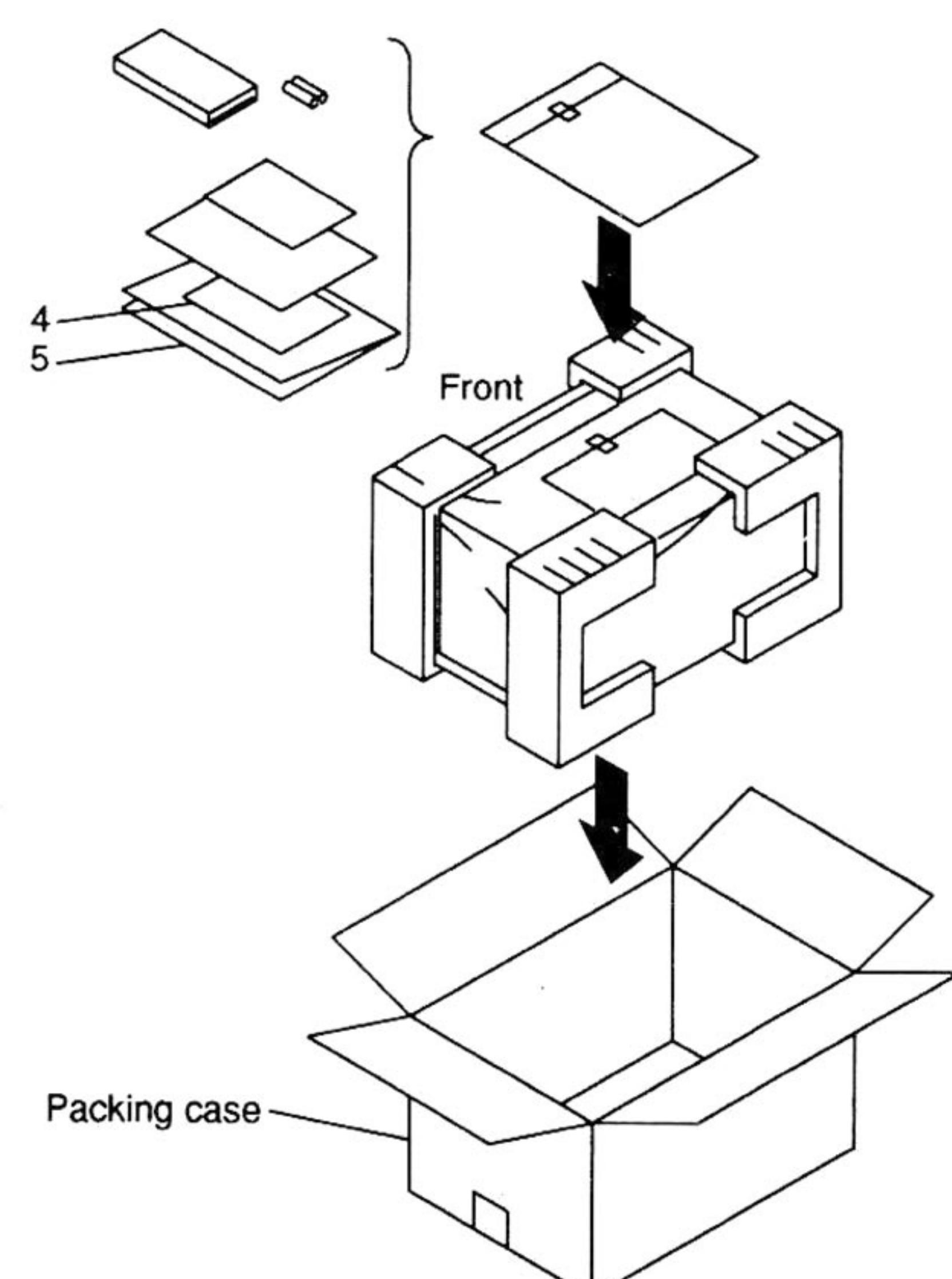
Note *1 : The numbers in the remarks column correspond to the numbers on the exploded views.

■ EXPLODED VIEWS

- Exterior



- Packing



■ CONTRAST OF PCB ASSEMBLIES

MOTHER PCB ASSY

PWM2011 and PWM2005 have the same construction except for the following:

Mark	Symbol & Description	Part No.		Remarks
		PWM2005	PWM2011	
	IC331	Not used	MC74HCU04N	*
	IC401	PD2026B (L)	PD2029A (L)	
	IC405	NJM4558DX	NJM4565D – D	
	Q451, Q452	Not used	DTC124ES	*
	Q453, Q454	Not used	2SJ103	*
	D451, D452	Not used	1SS254	*
	L334	Not used	PTL1003	*
	L353	Not used	LAU010J	*
	C152, C302	Not used	CEAS471M6R3	*
	C216	Not used	CEAS101M16	*
	C217, C226, C227	Not used	CEAS221M16	*
	C331	Not used	CKCYF103Z50	*
	C333	Not used	CEAS101M25	*
	C334	Not used	CFTXA103J50	*
	C335	Not used	CEAS470M25	*
	C336, C339, C411	Not used	CFTXA104J50	*
	C367, C368	Not used	CCCSL101J50	*
	C401	CFTYA104J50	CEAS471M6R3	
	C413 – C416	CFTYA104J50	CFTXA104J50	
	C431, C432	CEAS330M16	CEZA101M25	
	C433, C434	CEAS220M25	CEANP220M35	
	R321	RD1/4PU102J	RD1/4PU471J	
	R322	Not used	RD1/4PU152J	*
	R323	RD1/4PU152J	RD1/4PU302J	*
	R335	Not used	RD1/4PU122J	*
	R336	Not used	RD1/4PU750J	*
	R351	Not used	RD1/4PU221J	*
	R406, R407	Not used	RD1/4PU471J	*
	R451, R452	Not used	RD1/4PU103J	*
	R457, R458	Not used	RD1/4PU102J	*
	VR151, VR152	RCP1030 (3.3kΩ)	RCP1046 (22kΩ)	
	JA331	Not used	RKB1012	*
	Earth Plate	Not used	RKB1023	*

Note * : Refer to "2.SCHEMATIC AND PCB DIAGRAMS".

POWER SW PCB ASSY

PWZ3162 and PWZ3161 have the same construction except for the following:

Mark	Symbol & Description	Part No.		Remarks
		PWZ3161	PWZ3162	
	D751	Not used	PCX1019	*

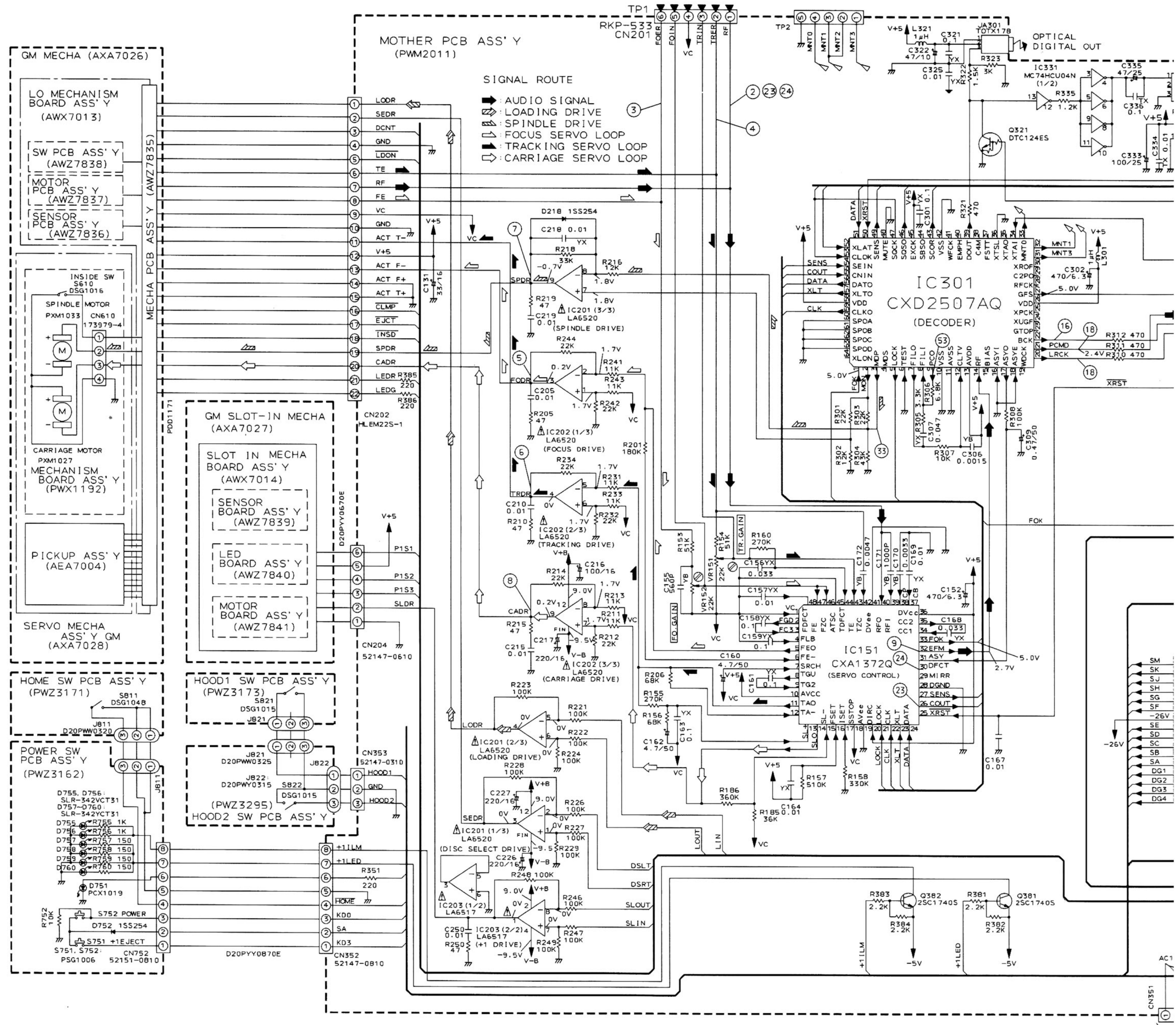
Note * : Refer to "2.SCHEMATIC AND PCB DIAGRAMS".

POWER PCB ASSY

PWZ3185 and PWZ3179 have the same construction except for the following:

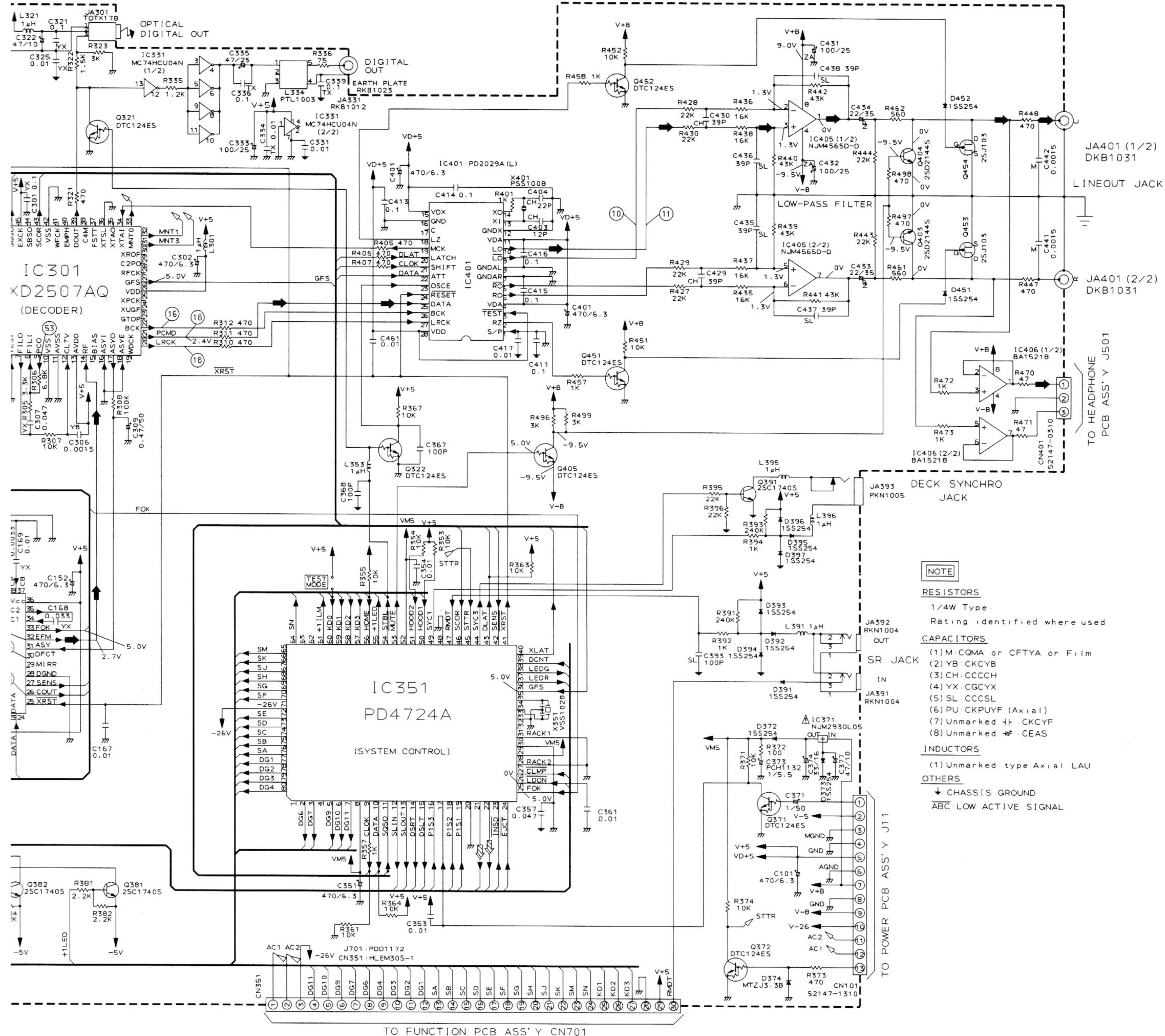
Mark	Symbol & Description	Part No.		Remarks
		PWZ3179	PWZ3185	
	C26 C27, C28	CEAS222M16 CEAS330M16	CEAS472M16 CEAS471M6R3	

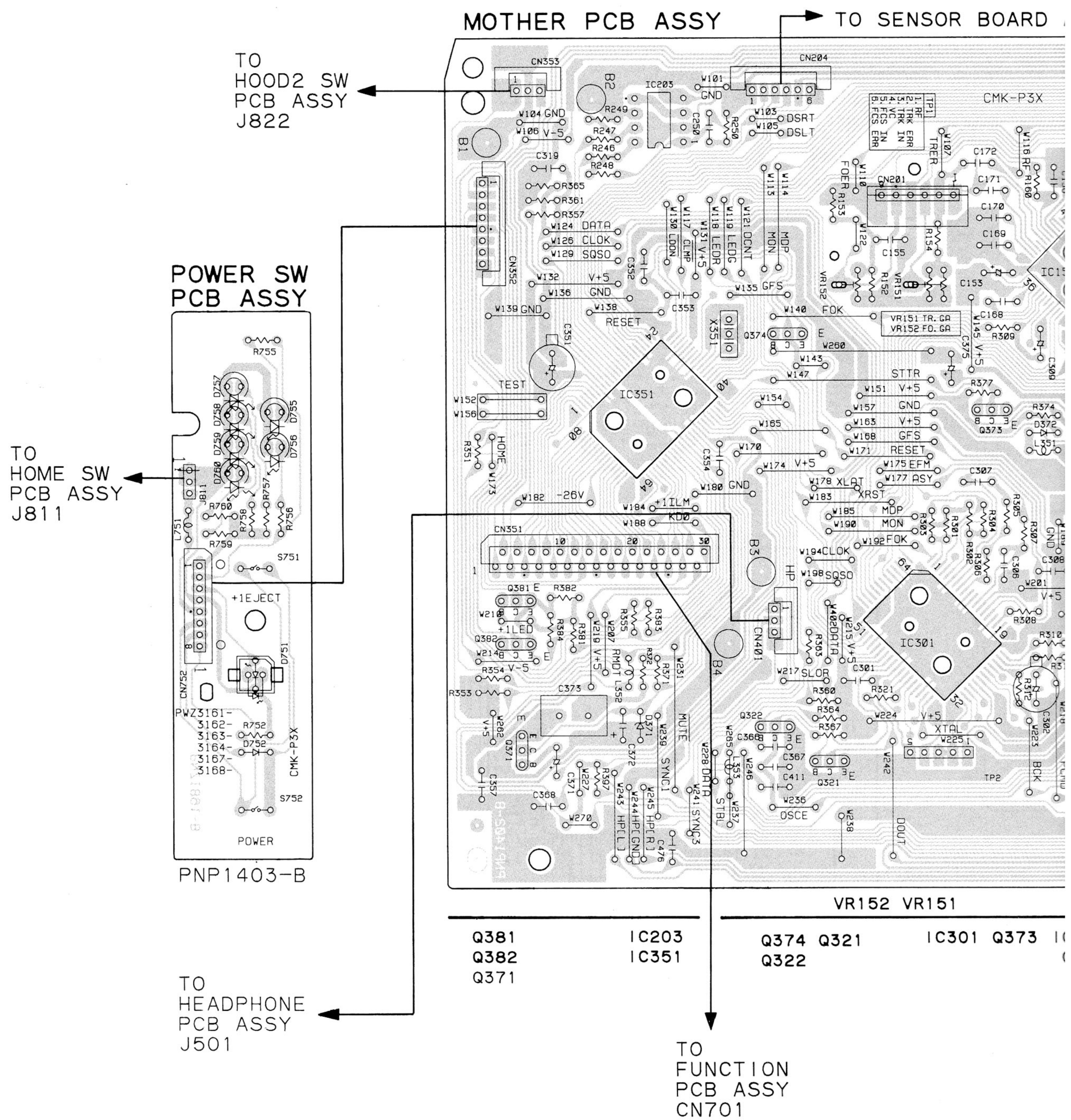
2. SCHEMATIC AND PCB DIAGRAMS



Note:

The numbers marked with a circle show the number of each measuring point, which correspond to the number in the service manual PD-F805 (ORDER NO. RRV1439) on page19.





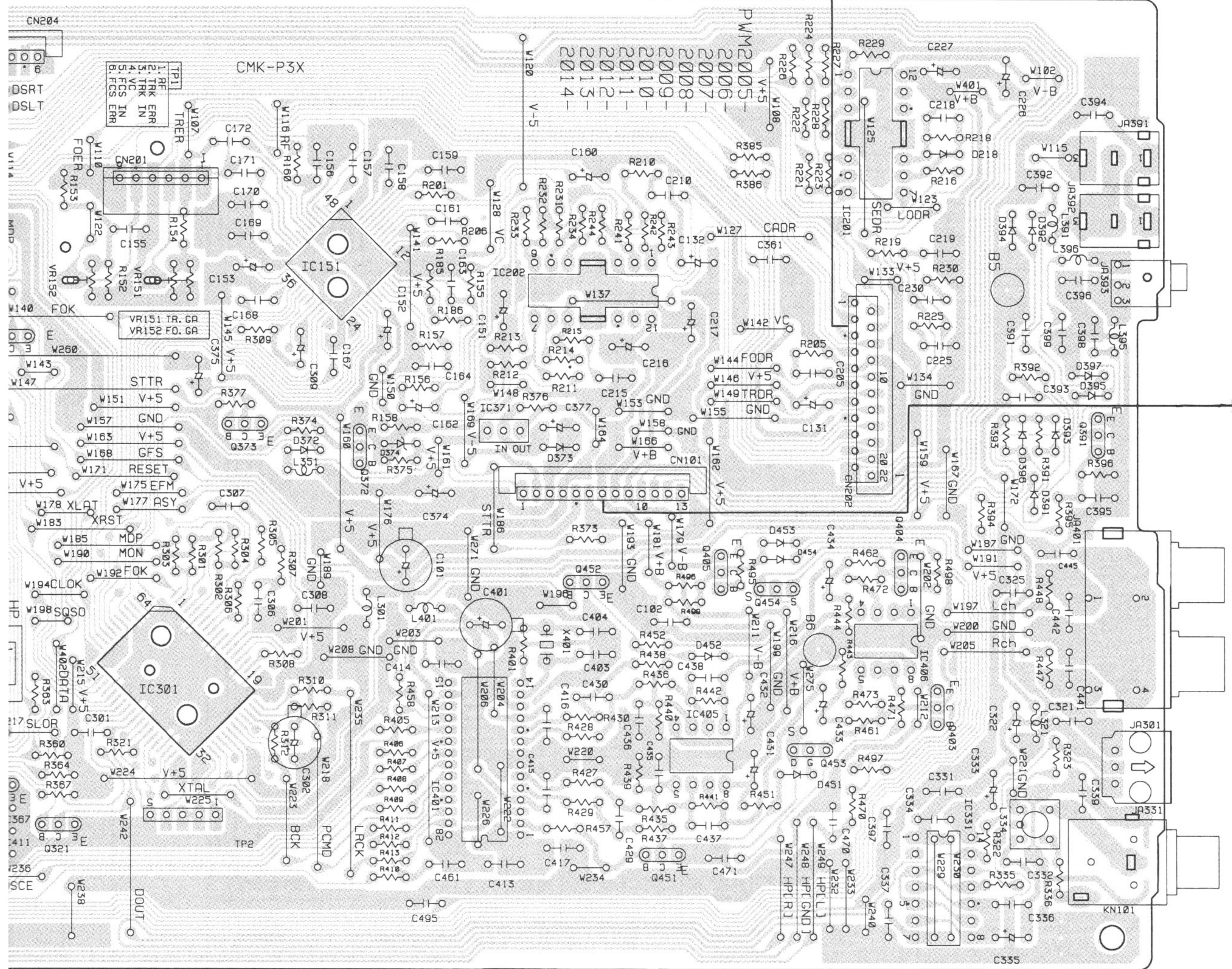
- This diagram is viewed from the mounted parts side.

- The parts mounted on this PCB include all necessary parts for several destinations. For further information for respective destinations, be sure to check with the schematic diagram.

→ TO SENSOR BOARD ASSY CN601

→ TO MECHA PCB ASSY CN653

TO
POWER
PCB ASSY
J11



VR152 VR151

74 Q321 | C301 Q373 | C151 | C401 | C371 | C202 | C405 Q454 | C201 Q403 | C391
22 Q372 | C452 Q451 Q405 | C331 | C406

PNP1402-B