

# Service Manual



ORDER NO.  
RRV 1 6 3 3

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	

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1. CONTRAST OF MISCELLANEOUS PARTS

- NOTES:
- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
  - The  $\triangle$  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%).

560Ω	→	56 × 10 <sup>1</sup>	→	561 .....	RD1/4PU	561J
47kΩ	→	47 × 10 <sup>3</sup>	→	473 .....	RD1/4PU	473J
0.5Ω	→	0R5 .....			RN2H	0R5K
1Ω	→	1R0 .....			RS1P	1R0K

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

5.62kΩ → 562 × 10<sup>1</sup> → 5621 ..... RN1/4PC5621F

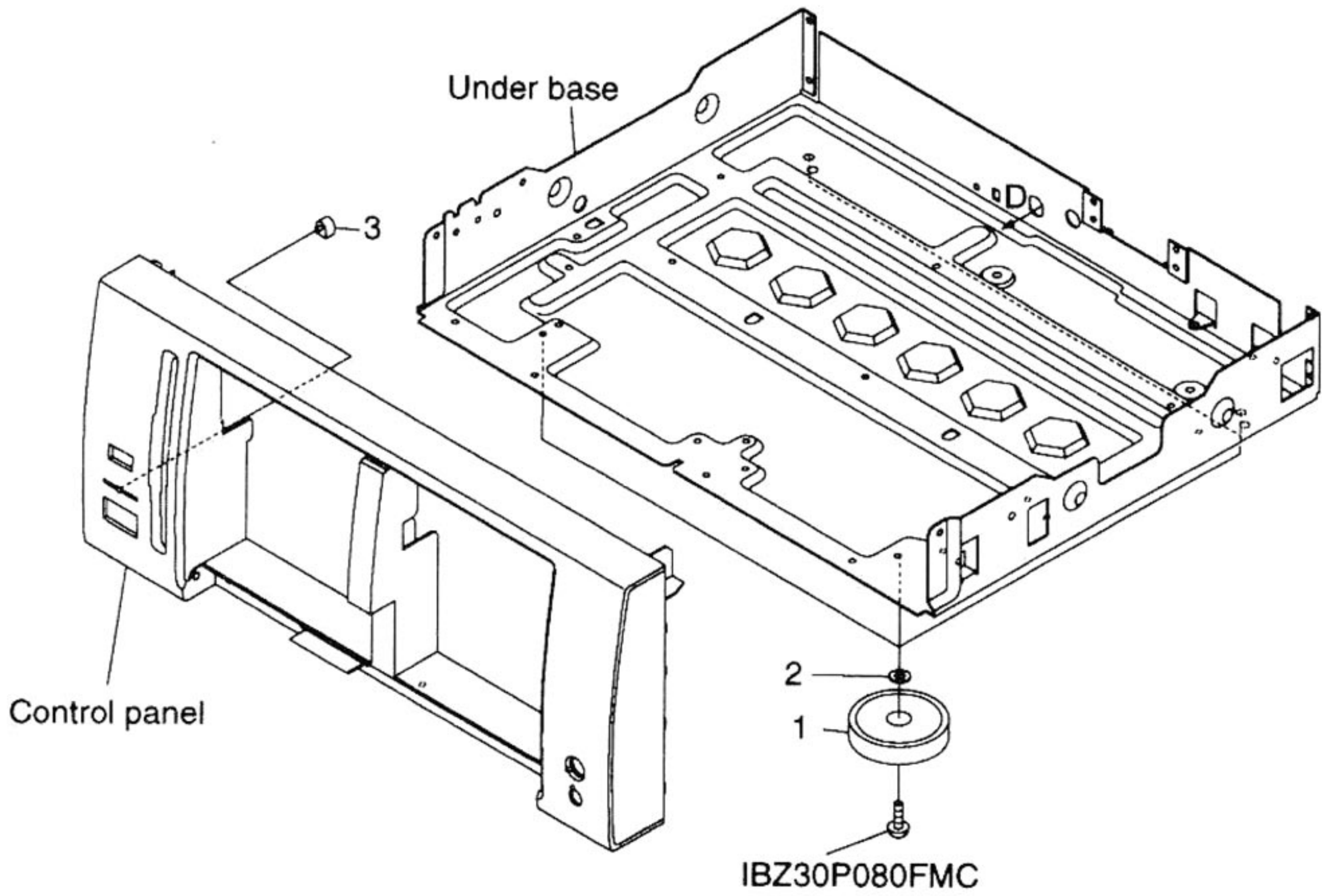
PD-F79/KUXJ/CA and PD-F805/KU have the same construction except for the following:

Mark	Symbol & Description	Part No.		Remarks
		PD-F805/KU	PD-F79/KUXJ/CA	
NSP	Mother PCB Assy	PWM2005	PWM2011	*1 No.1
	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	
	Rear Base	PNA2245	PNA2306	
	Screw P	PBA1107	PBA1105	
	Spacer	Not used	PEC1034	
	Rack Base	PNW2611	PNW2691	
NSP	Link Spring	PBH1218	PBH1215	*1 No.2
	Control Panel	PNW2627	PNW2683	
	LED Lens	Not used	PNW2019	
	Name Plate	PAM1704	VAM1032	
	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	
	Index Label 50	Not used	PRW1414	
NSP	Operating instructions (English)	PRB1238	PRB1245	*1 No.4 *1 No.5

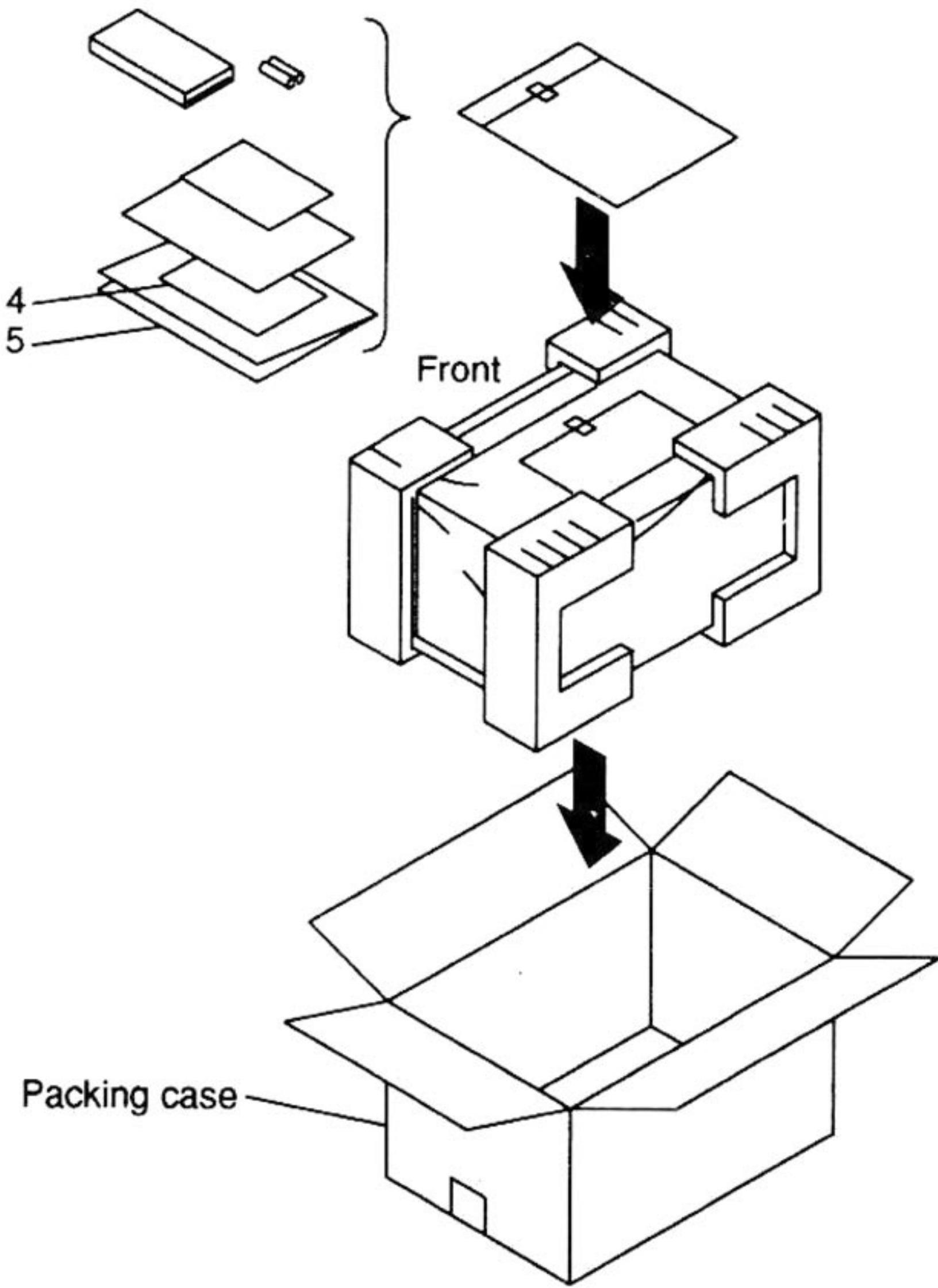
Note \*1 : The numbers in the remarks column correspond to the numbers on the exploded views.

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 IC401 IC405 Q451, Q452 Q453, Q454	Not used PD2026B (L) NJM4558DX Not used Not used	MC74HCU04N PD2029A (L) NJM4565D – D DTC124ES 2SJ103	*  * *
	D451, D452 L334 L353 C152, C302 C216	Not used Not used Not used Not used Not used	1SS254 PTL1003 LAU010J CEAS471M6R3 CEAS101M16	* * * * *
	C217, C226, C227 C331 C333 C334 C335	Not used Not used Not used Not used Not used	CEAS221M16 CKCYF103Z50 CEAS101M25 CFTXA103J50 CEAS470M25	* * * * *
	C336, C339, C411 C367, C368 C401 C413 – C416 C431, C432	Not used Not used CFTYA104J50 CFTYA104J50 CEAS330M16	CFTXA104J50 CCCSL101J50 CEAS471M6R3 CFTXA104J50 CEZA101M25	* *   
	C433, C434 R321 R322 R323 R335	CEAS220M25 RD1/4PU102J Not used RD1/4PU152J Not used	CEANP220M35 RD1/4PU471J RD1/4PU152J RD1/4PU302J RD1/4PU122J	   * *
	R336 R351 R406, R407 R451, R452 R457, R458	Not used Not used Not used Not used Not used	RD1/4PU750J RD1/4PU221J RD1/4PU471J RD1/4PU103J RD1/4PU102J	* * * * *
	VR151, VR152 JA331 Earth Plate	RCP1030 (3.3kΩ) Not used Not used	RCP1046 (22kΩ) RKB1012 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".

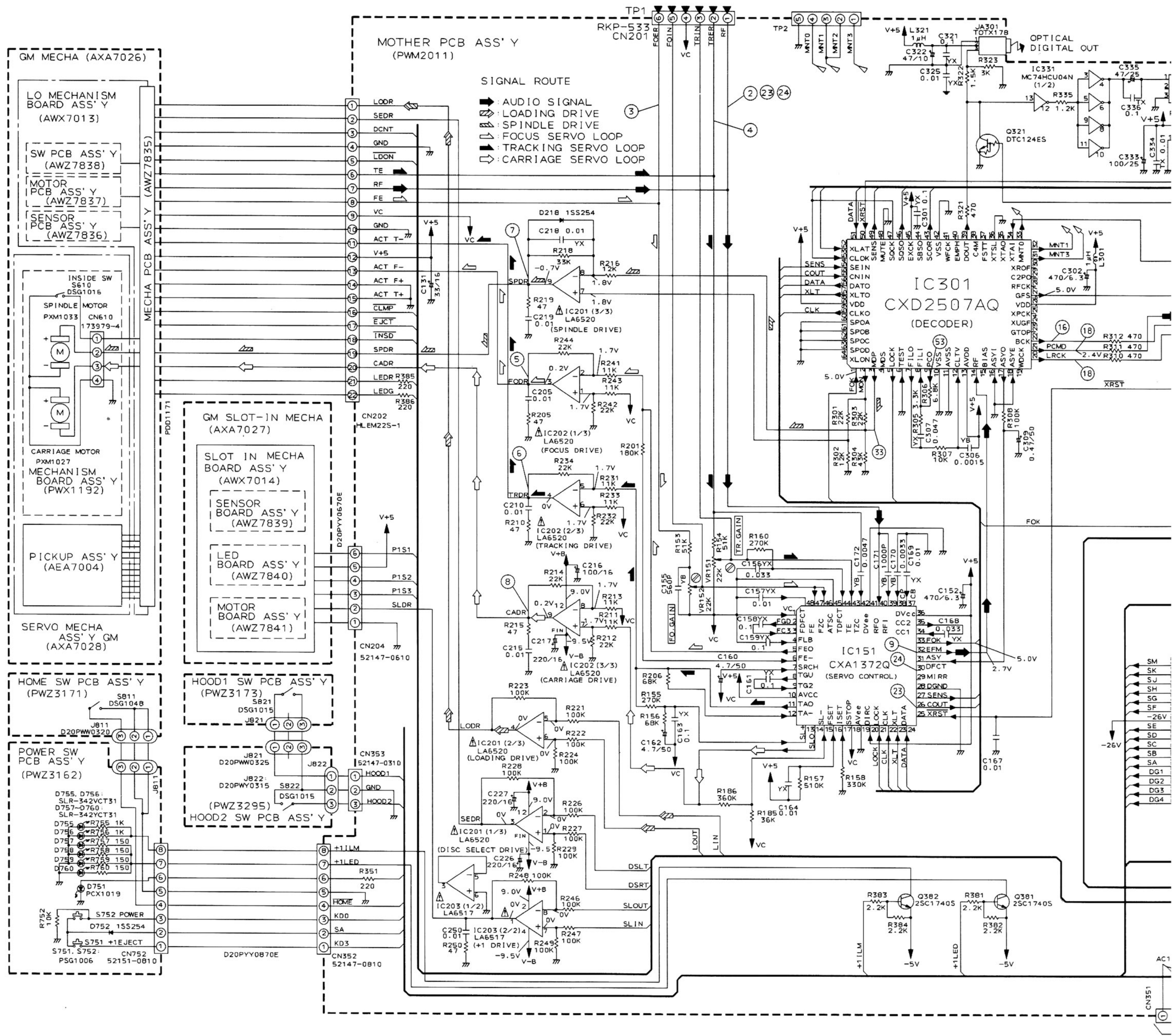
### POWER PCB ASSY

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	



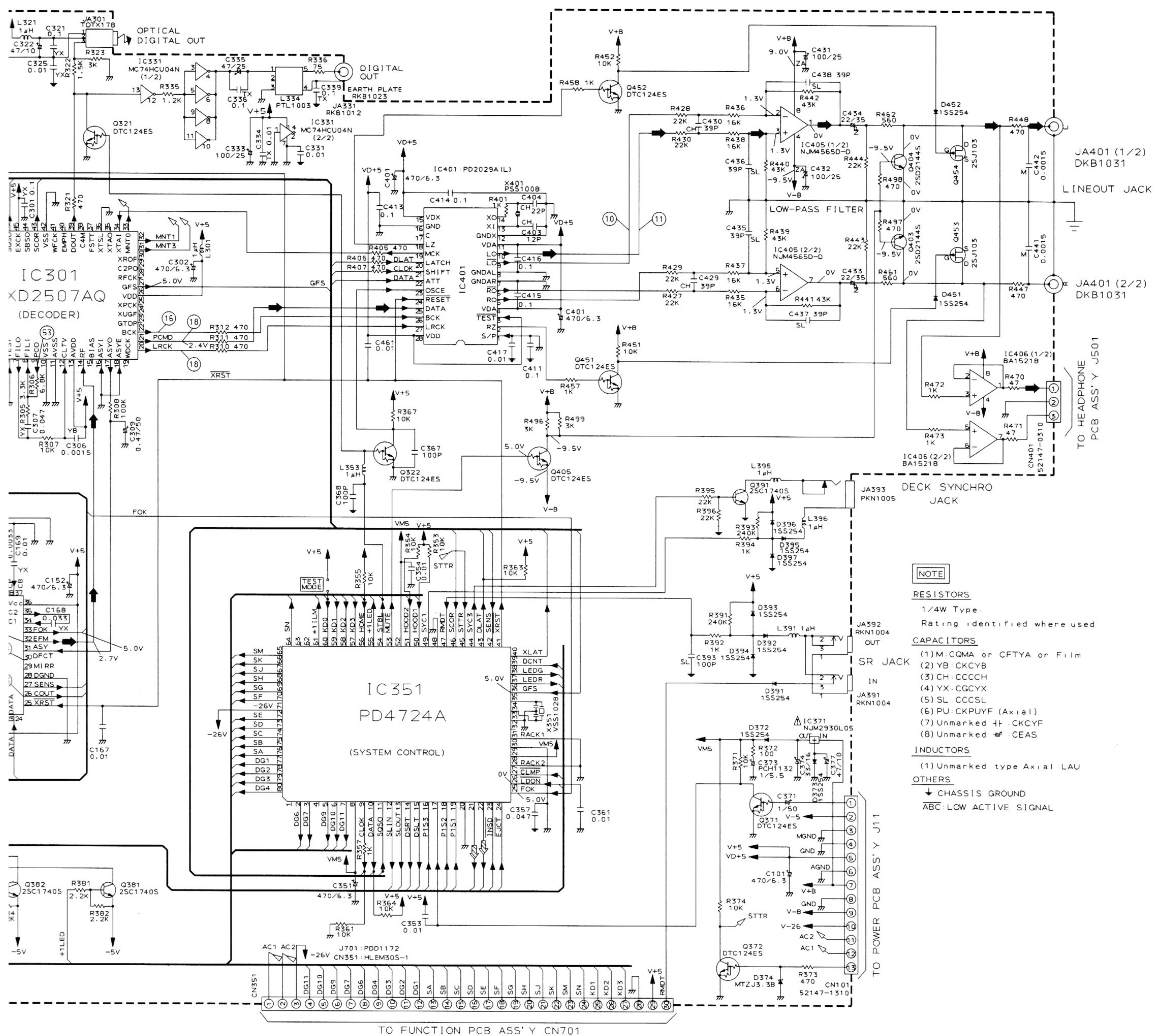
# 2. SCHEMATIC AND PCB DIAGRAMS



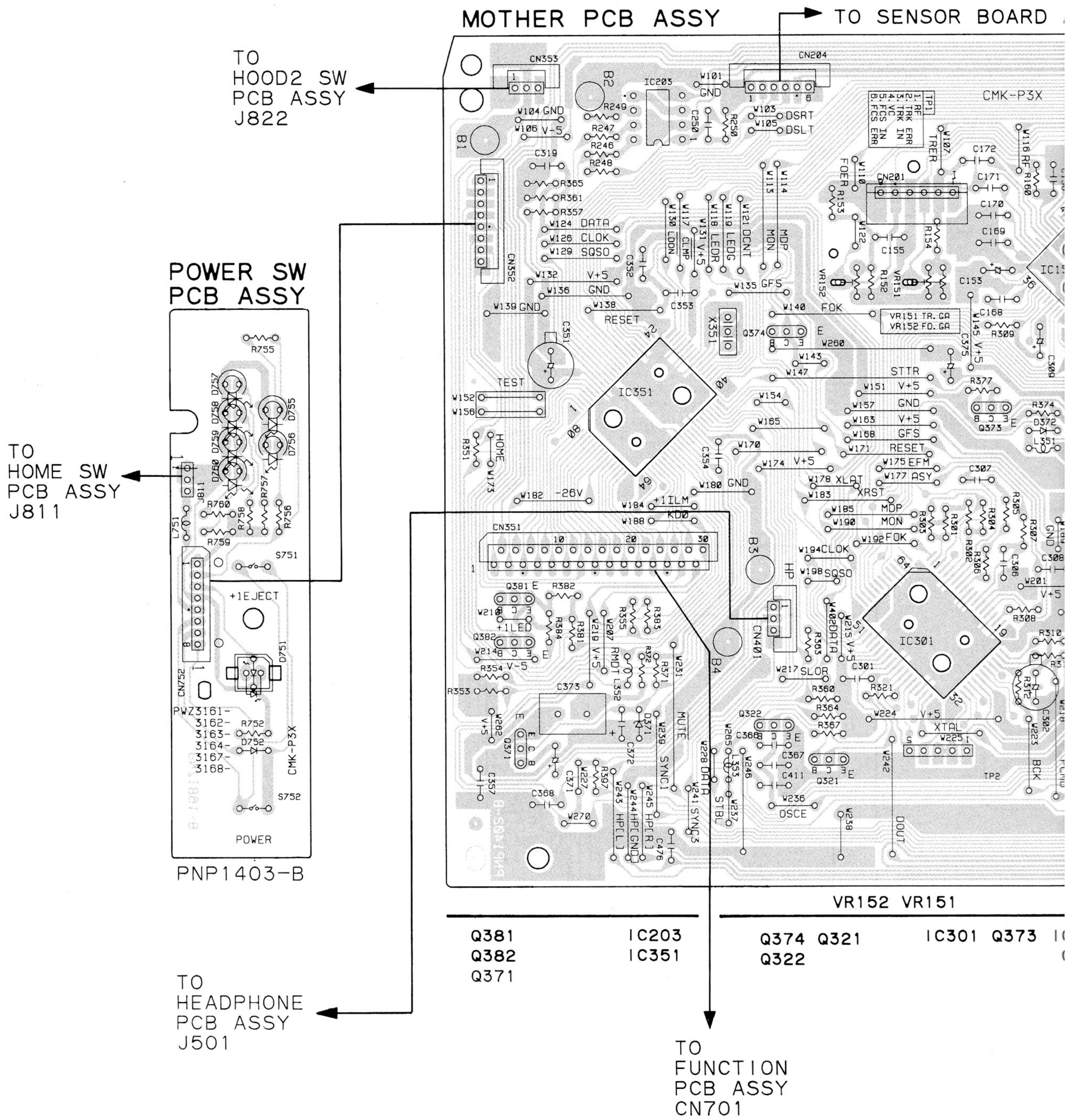


**Note:**

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.

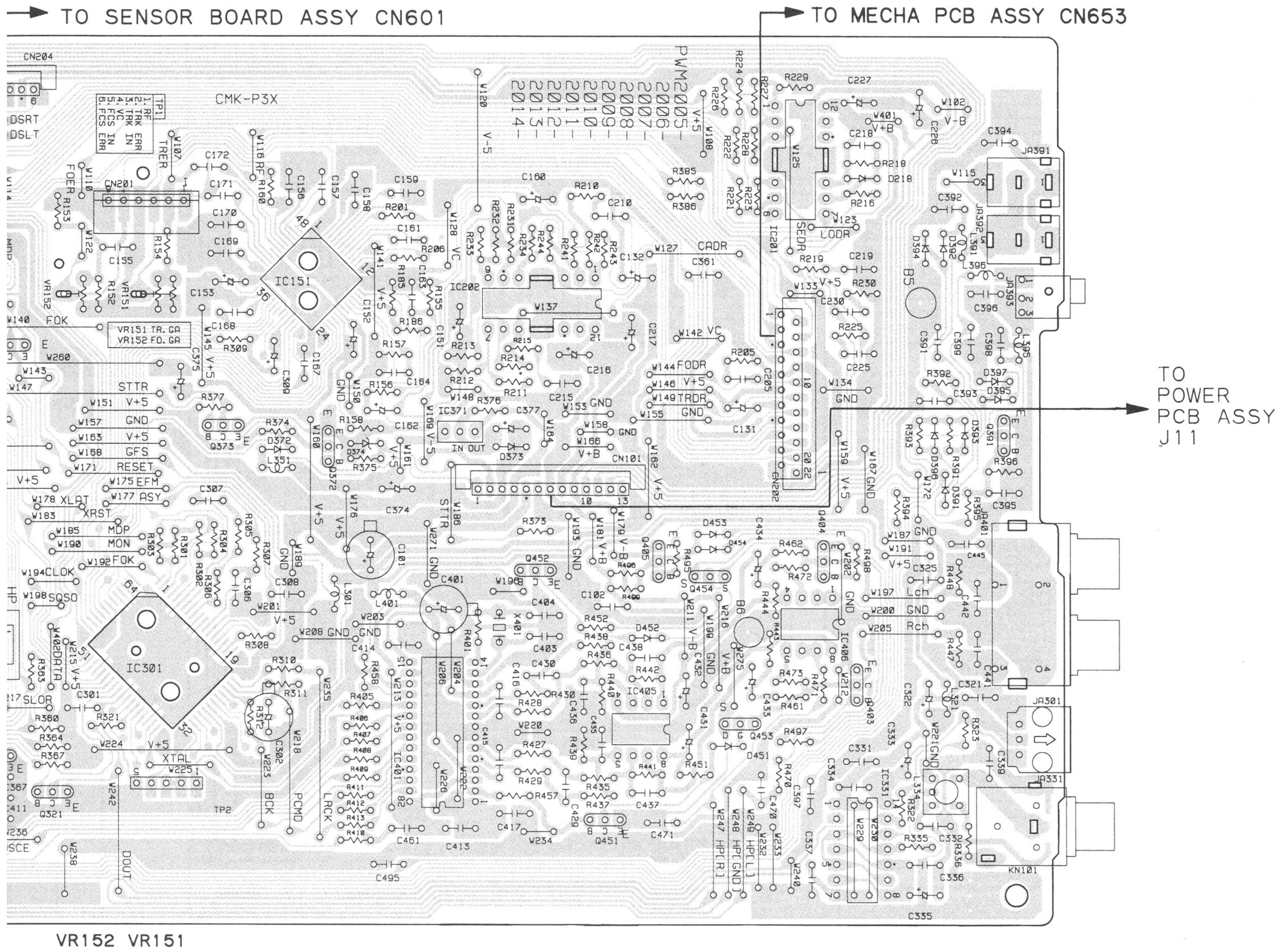








- The parts mounted on this PCB include all necessary parts for several destinations. For further information for respective destinations, be sure to check with the schematic diagram.



74 Q321 IC301 Q373 IC151 IC401 IC371 IC202 IC405 Q454 IC201 Q403 Q391  
22 Q372 Q452 Q451 Q405 Q453 Q404 IC331  
IC406

PNP1402-B