

Pioneer

Service Manual

ORDER NO.
RRV2039

STEREO CASSETTE DECK

CT-S550S

● Refer to the service manual RRV1498 for CT-S550S/HYXJ.

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

Type	Model	Power Requirement	Remarks
	CT-S550S		
HYXJ7	○	AC220-230V	
HYXJ/GR7	○	AC220-230V	

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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.

● 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 $\Omega \rightarrow 56 \times 10^1 \rightarrow 561$ RD1/4PU $\begin{bmatrix} 5 & 6 & 1 \end{bmatrix} J$

47k $\Omega \rightarrow 47 \times 10^3 \rightarrow 473$ RD1/4PU $\begin{bmatrix} 4 & 7 & 3 \end{bmatrix} J$

0.5 $\Omega \rightarrow R50$ RN2H $\begin{bmatrix} R & 5 & 0 \end{bmatrix} K$

1 $\Omega \rightarrow 1R0$ RS1P $\begin{bmatrix} 1 & R & 0 \end{bmatrix} K$

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

5.62k $\Omega \rightarrow 562 \times 10^1 \rightarrow 5621$ RN1/4PC $\begin{bmatrix} 5 & 6 & 2 & 1 \end{bmatrix} F$

● Reference Nos. indicate the pages and Nos. in the service manual for the base model.

■ CONTRAST TABLE

CT-S550S/HYXJ7, HYXJ/GR7 and CT-S550S/HYXJ are constructed the same except for the following:

Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			CT-S550S HYXJ	CT-S550S HYXJ7	CT-S550S HYXJ/GR7	
P2-44	NSP	MOTHER UNIT	RWM1908	RWM2053	RWM2053	
P2-45		└ MAIN UNIT	RWZ3857	RWZ4318	RWZ4318	
P2-23		└ └ DOLBY S UNIT	RWX1120	RWX1120	RWX1120	
P2-34		└ FL UNIT	RWZ3859	RWZ4319	RWZ4319	
P2-52	NSP	└ OPSW UNIT	RWZ3861	RWZ4320	RWZ4320	*1
P2-37	NSP	└ POCM UNIT	RWZ3867	RWZ4321	RWZ4321	*2
	NSP	└ TRN 2 UNIT	RWZ3865	RWZ4322	RWZ4322	*3
		POWER SW UNIT	Not used	RWX1150	RWX1150	*4 No. 1, *5
P2-1		Name Plate	PAM1608	PAM1776	PAM1776	
P2-2		Front Panel	RAH2719	RAH2872	RAH2872	
P2-14		Power Cap	RAC1998	Not used	Not used	
P2-16		Panel Stay	REA1196	REA1289	REA1289	
P2-41	NSP	Main Chassis	RNB1113	RNB1132	RNB1132	
P2-36	NSP	TRN 1 PCB	RNZ3004	RNZ3316	RNZ3316	
P2-46		Rear Panel	RNA2034	RNA2214	RNA2214	
P2-48	$\triangle$	AC Power Cord	PDG1043	PDG1058	PDG1058	
P2-66		Packing Case	RHG1737	RHG1880	RHG1880	
P2-70		Operating Instructions (French/Italian/Dutch/Swedish/Spanish/Portuguese)	RRD1185	RRD1204	Not used	
P2-71		Operating Instructions (English/German)	RRE1136	RRE1168	RRE1168	
P2-73	NSP	Warranty Card	ARY7009	ARY7022	ARY7022	
	NSP	PCB Holder	Not used	AEC-703	AEC-703	*4 No. 2
		Power Button	Not used	RAC2218	RAC2218	*4 No. 3

*1: Although RWZ4320 and RWZ3861 are different in part number, they have same service parts.

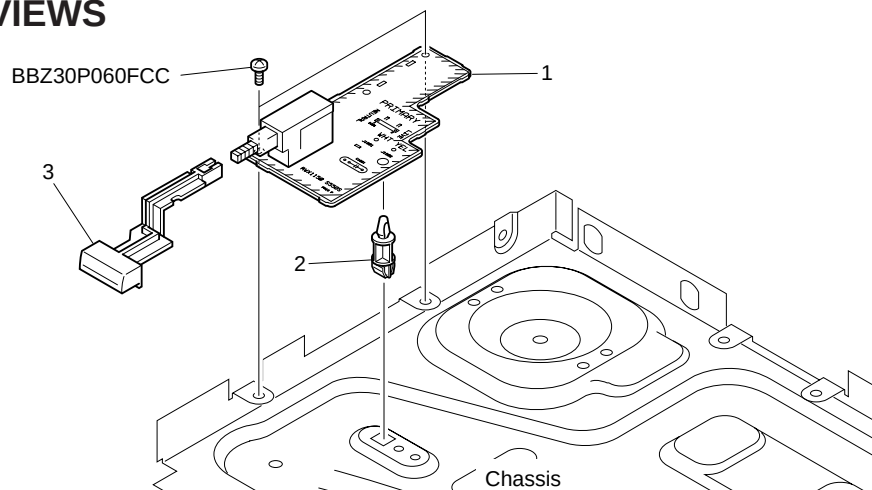
*2: Although RWZ4321 and RWZ3867 are different in part number, they have same service parts.

*3: Although RWZ4322 and RWZ3865 are different in part number, they have same service parts.

*4: The numbers in the remarks column correspond to the numbers on the " EXPLODED VIEWS ".

*5: Refer to " PCB PARTS LIST", " 2. SCHEMATIC DIAGRAM" and " 3. PCB CONNECTION DIAGRAM".

EXPLODED VIEWS



CONTRAST OF PCB ASSEMBLIES

MAIN UNIT

RWZ4318 and RWZ3857 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		RWZ3857	RWZ4318	
NSP	C101, C102 C119, C120 C153, C154, C179, C411, C501 C155, C156, C193, C194, C351, C803, C1005, C1006	CQPA271J2A CKCYB101K50 CEAS470M16 CEAS100M50	CQHA271J2A CCCCH101J50 CEAT470M16 CEAT100M50	
	C175, C176, C181, C187–C189, C201, C202, C303, C304, C1014, C1023 C180, C184, C185, C190, C207, C208, C307, C308, C603, C604	CEAS4R7M50 CEAS101M10	CEAT4R7M50 CEAT101M10	
	C183, C263, C264, C301, C302, C352, C752	CEAS1R0M50	CEAT1R0M50	
	C203, C204, C255, C256, C464, C1107, C1108	CEASR10M50	CEATR10M50	
	C253, C254, C259, C260, C305, C306, C417, C465	CEAS330M16	CEAT330M16	
	C309, C310 C412, C415	CQPA181J2A CQMZA332J50	CQHA181J2A CQMA332J50	
	C414 C551 C1003, C1004 C1009, C1010 C1015	CQMZA682J50 CEASR47M50 CEAS222M16 CEAS221M25 CEAS332M25	CQMA682J50 CEATR47M50 CEAT222M16 CEAT221M25 CEAT332M25	
	C1016, C1019, C1021 C1022 C1024 C1111–C1114	CEAS101M50 CEAS102M6R3 CEAS220M16 CQMZA562J50	CEAT101M50 CEAT102M6R3 CEAT220M25 CQMA562J50	
	VR101, VR102, VR451, VR452 (47 kΩ) VR301, VR302, VR1101, VR1102 (22 kΩ)	RCP1047 RCP1046	VCP1160 VCP1158	
	J2001 J2001	XDF–537 Not used	Not used DB020NT0	

Mark	Symbol and Description	Part No.		Remarks
		RWZ3859	RWZ4319	
	S1507 (POWER)	RSG1030	Not used	

Mark No.	Description	Part No.
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	S1201	RSA1001
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	C1201 (10000 pF/AC250V)	ACG7020
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1201	TERMINAL PCB BINDER	RKC-061 VEF1040
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CT-S550S

3.2 MAIN UNIT, OPSW UNIT
and POCM UNIT

A

SIDE A

To TRN2 UNIT
J21

To MECHANISM UNIT (2/3)
(ERACE HEAD)

POCM UNIT

B

To MECHANISM
UNIT (2/3)
(REC HEAD)

To FL UNIT
CN1501

C

(RNP1730-A)

To MECHANISM UNIT (1/3) CN82

OPSW UNIT

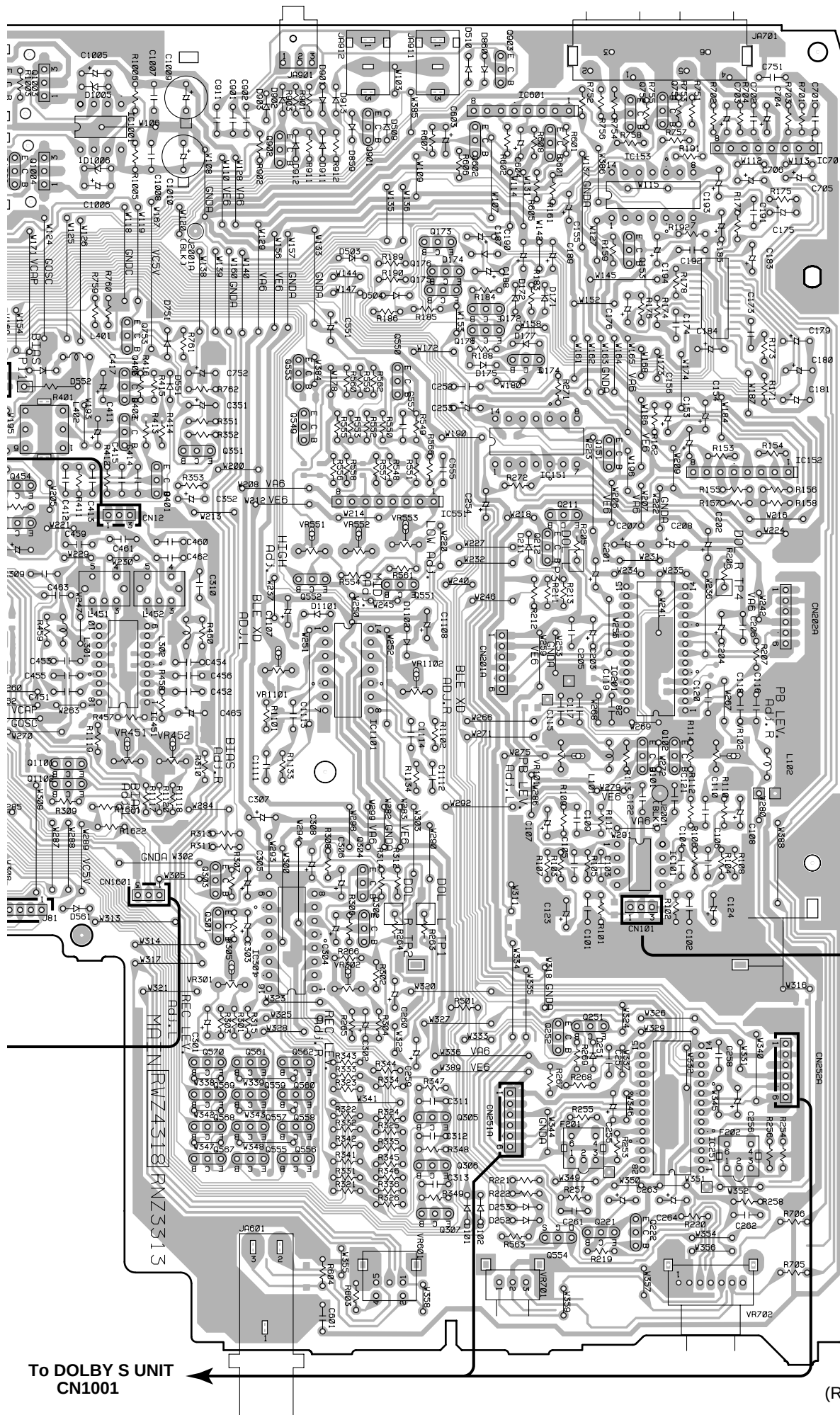
D

To MECHANISM UNIT (1/3) CN81

SIDE A

(RNP1730-A)

To DOLBY
CN100:



Q903

IC1001 IC601 Q751
Q902 Q901 Q752
Q601 Q602 IC701

A

IC153

Q153

Q171

Q176

Q753
Q403
Q402

Q553 Q550 Q174
Q549

Q351 IC151 Q151
Q401 IC152

B

VR551
VR553

Q211

Q212

Q552

Q551

VR1101

IC201

IC451

IC1101

VR451
VR452
VR101

Q101

Q102

Q1101

Q1102

Q303 Q304 IC101

Q301 Q302

IC301

C

**To MECHANISM
UNIT (3/3)
(P. B HEAD)**

VR301

VR302

Q251

Q252

Q555
Q562 Q305 IC251
Q567

Q570

Q306

Q307

Q221

Q222

D

VR601

VR701

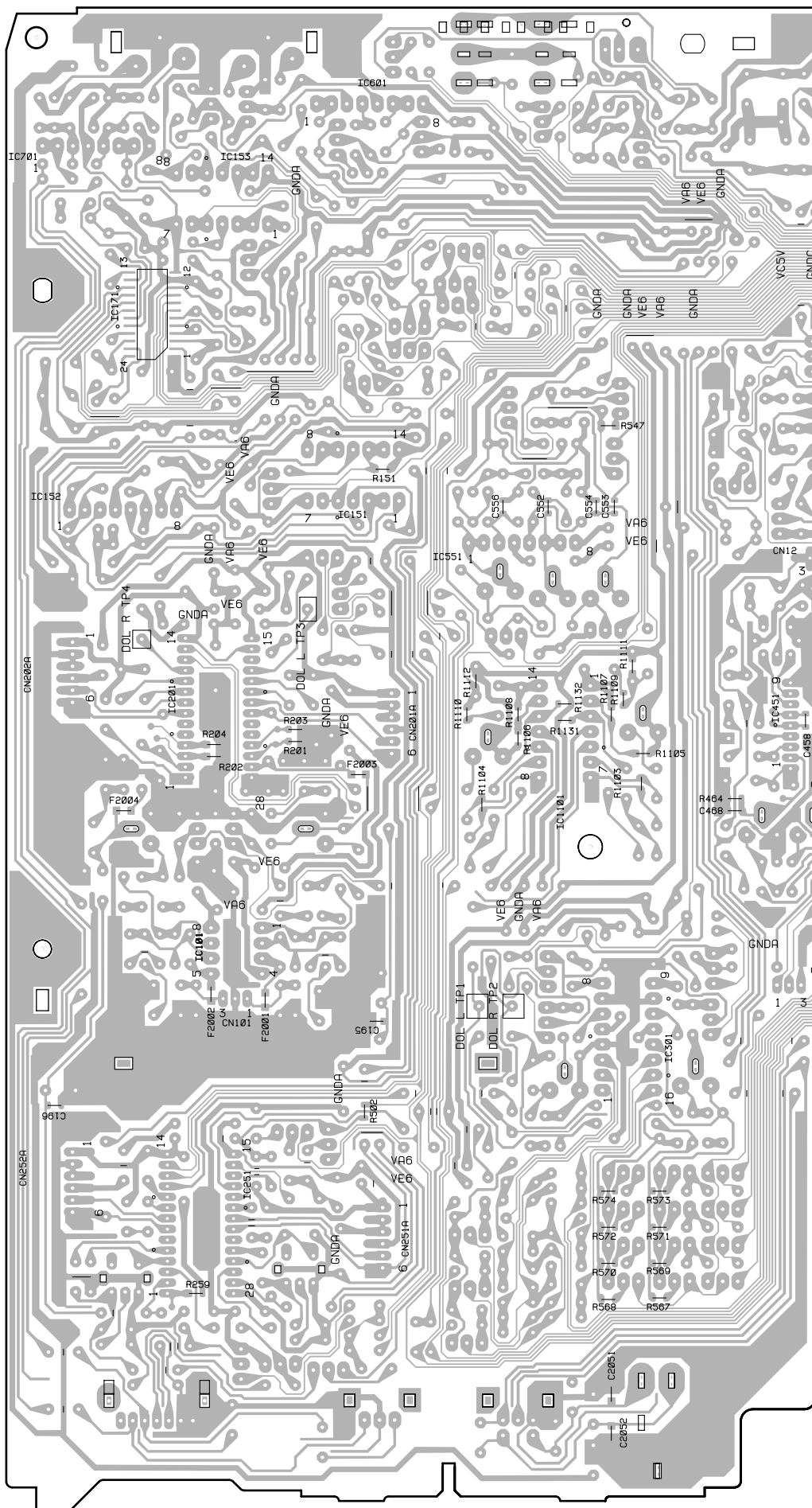
VR702

SIDE A

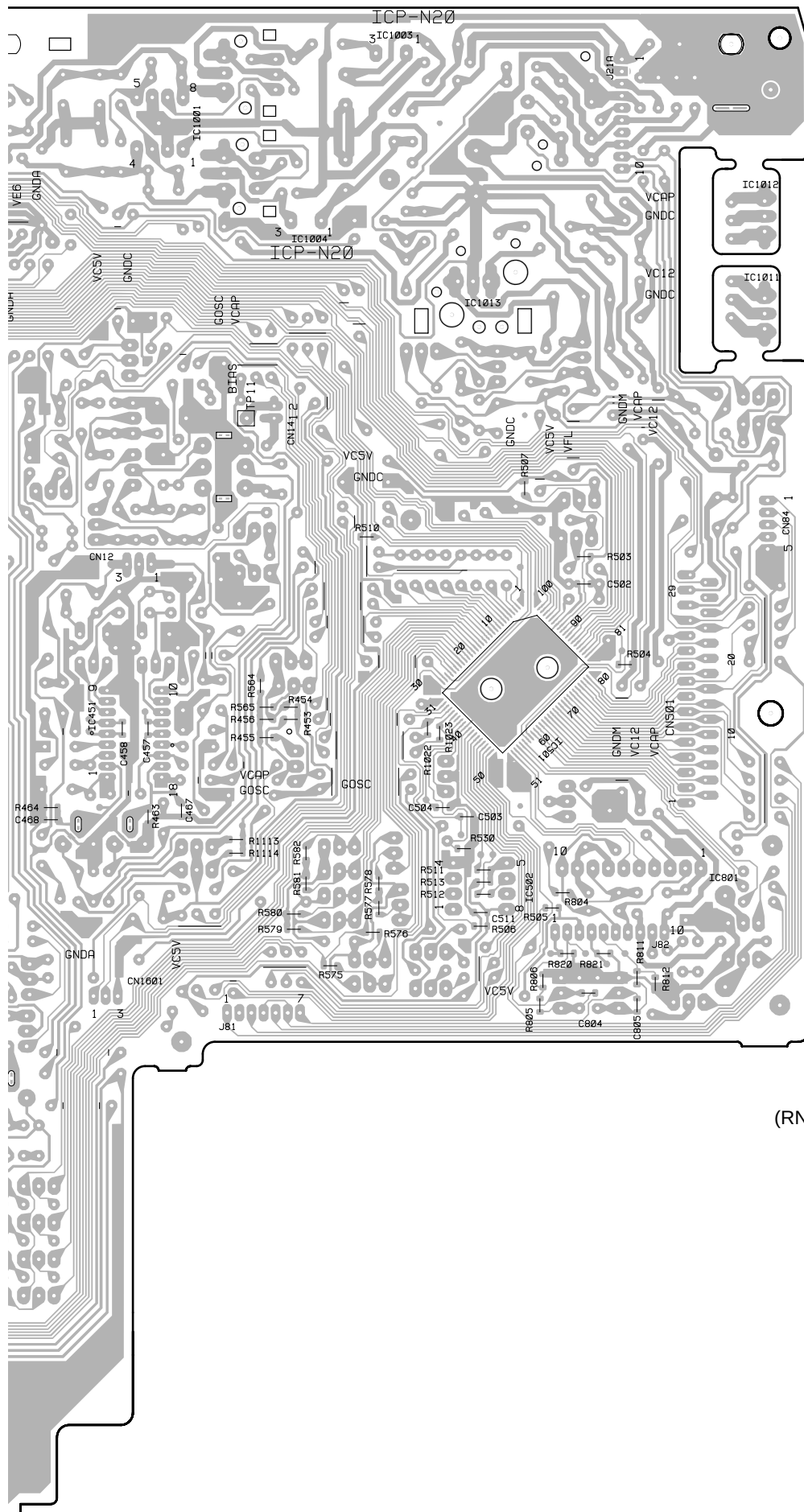
(RNP1730-A)

SIDE B

IC171



SIDE B



(RNP1730-A)

A

B

C

D

3.3 FL UNIT

A

B

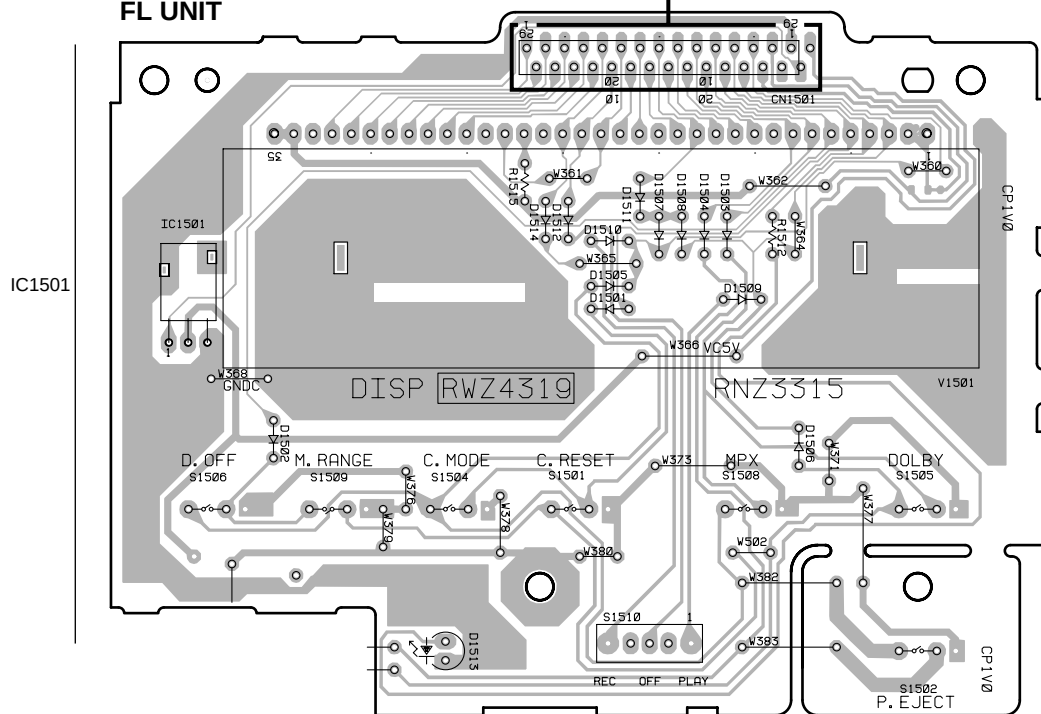
C

D

To MAIN UNIT
CN501

SIDE A

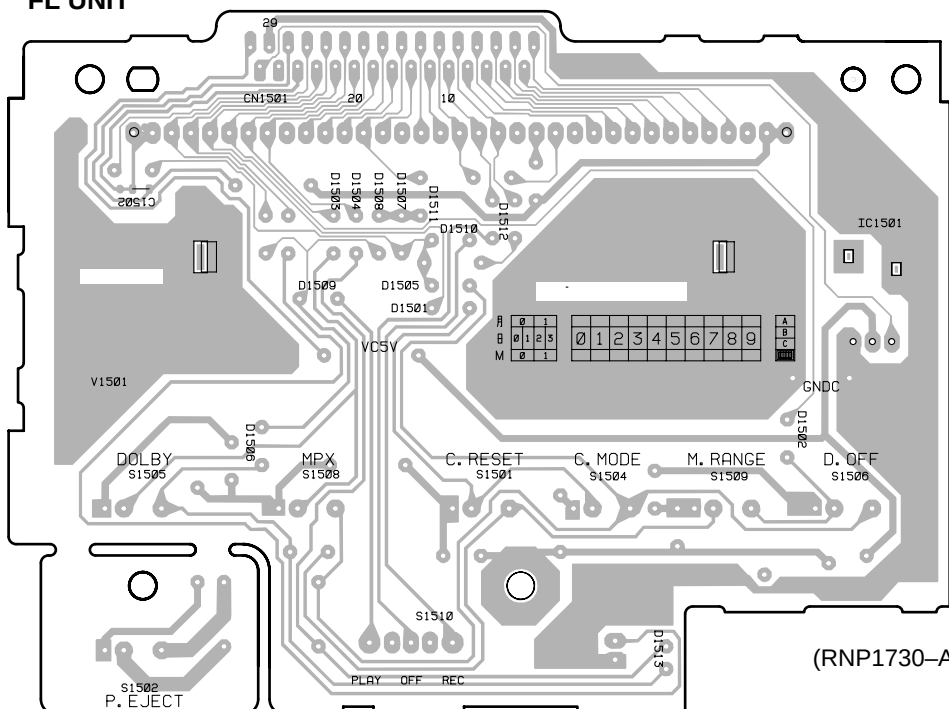
FL UNIT



(RNP1730-A)

SIDE B

FL UNIT



(RNP1730-A)