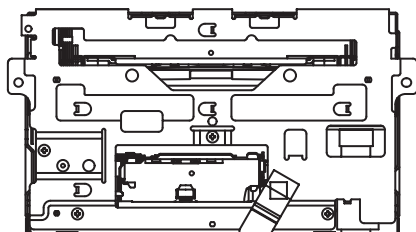
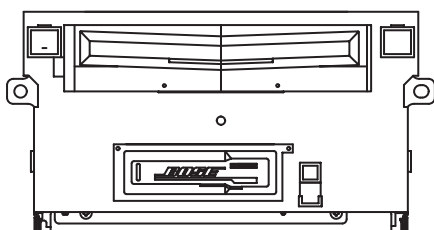


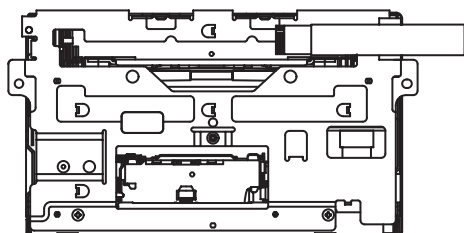
Service Manual



(PN-2530H)



(PN-2532D)



(PN-2548N)

NISSAN Automobile Genuine
 AM/FM Radio, 6 CD changer,
 Cassette Stereo

Model PN-2530H
 (Genuine No.28188 CA000)

Model PN-2532D
 (Genuine No.28188 7Y300)

Model PN-2548N
 (Genuine No.28188 CG000)

SPECIFICATIONS

Tuner section

Tuning system: PLL synthesizer
 Receive frequency: AM 530kHz to 1710kHz
 FM 87.9MHz to 107.9MHz

Intermediate frequency:
 AM 450kHz
 FM 10.7MHz

Quieting sensitivity: AM Less than 38dBu
 FM Less than 15dBu

Separation: FM 22+5/-7dB(1kHz)

S/N ratio: AM More than 45dB
 FM More than 50dB

Auto stop sensitivity(DX):
 AM 42+6/-6dBu
 (600kHz)
 39+6/-6dBu
 (1000kHz, 1400kHz)
 FM 32+6/-6dBu

Cassette tape player section

Reproduction system: 4track, 2channel, stereo
 auto reverse system
 FF/REW time: Less than 110sec.(C-60)
 Wow & flutter: Less than 0.15%(W.R.M.S)
 Separation: More than 35dB
 Crosstalk: More than 45dB
 S/N ratio: normal(120us)
 More than 55dB(DOLBY B NR on)
 More than 47dB(DOLBY B NR off)
 chrome(70us)
 More than 57dB(DOLBY B NR on)
 More than 49dB(DOLBY B NR off)
 FF/REW time: 110sec.(C-60)

CD changer section

Separation: More than 52dB(20kHz LPF)
 S/N ratio: More than 80dB
 Distortion: Less than 0.2%(20kHz LPF)

Side PWB(B13) section:Tape mechanism

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	168-5612-05	560pF	C16	168-1032-05	0.01uF	R8	119-3341-10	1/16W 330k ohm
C2	168-5612-05	560pF	C17	178-4745-79	0.47uF	R9	119-1131-15	1/16W 11k ohm
C3	168-5612-05	560pF	C18	168-1042-78	0.1uF	R10	119-1131-15	1/16W 11k ohm
C4	168-5612-05	560pF	C19	163-2263-30	16V22uF	R11	119-1531-10	1/16W 15k ohm
C5	178-1055-79	1uF	IC1	051-5204-00	HA12216F	R12	119-1531-10	1/16W 15k ohm
C6	168-1232-05	0.012uF	J1	074-0898-10	10P	R13	032-0140-80	1/16W 18k ohm F
C7	168-1232-05	0.012uF	L1	010-2198-26	0.047uH	R14	119-1531-10	1/16W 15k ohm
C8	168-4732-78	0.047uF	L2	010-2198-26	0.047uH	R15	119-1031-10	1/16W 10k ohm
C9	168-4732-78	0.047uF	R1	119-2731-10	1/16W 27k ohm	R16	119-3921-10	1/16W 3.9k ohm
C10	168-5612-05	560pF	R2	119-2731-10	1/16W 27k ohm	R17	119-1241-10	1/16W 120k ohm
C11	168-5612-05	560pF	R3	119-2731-10	1/16W 27k ohm	R18	119-2231-10	1/16W 22k ohm
C12	168-1042-78	0.1uF	R4	119-2731-10	1/16W 27k ohm	VR1	012-6014-56	10kohm
C13	168-1042-78	0.1uF	R5	119-1811-10	1/16W 180 ohm	VR2	012-6014-56	10kohm
C14	168-1032-05	0.01uF	R6	119-1811-10	1/16W 180 ohm			
C15	163-4753-50	35V4.7uF	R7	119-3341-10	1/16W 330k ohm			

Bottom PWB(B14) section:Tape mechanism

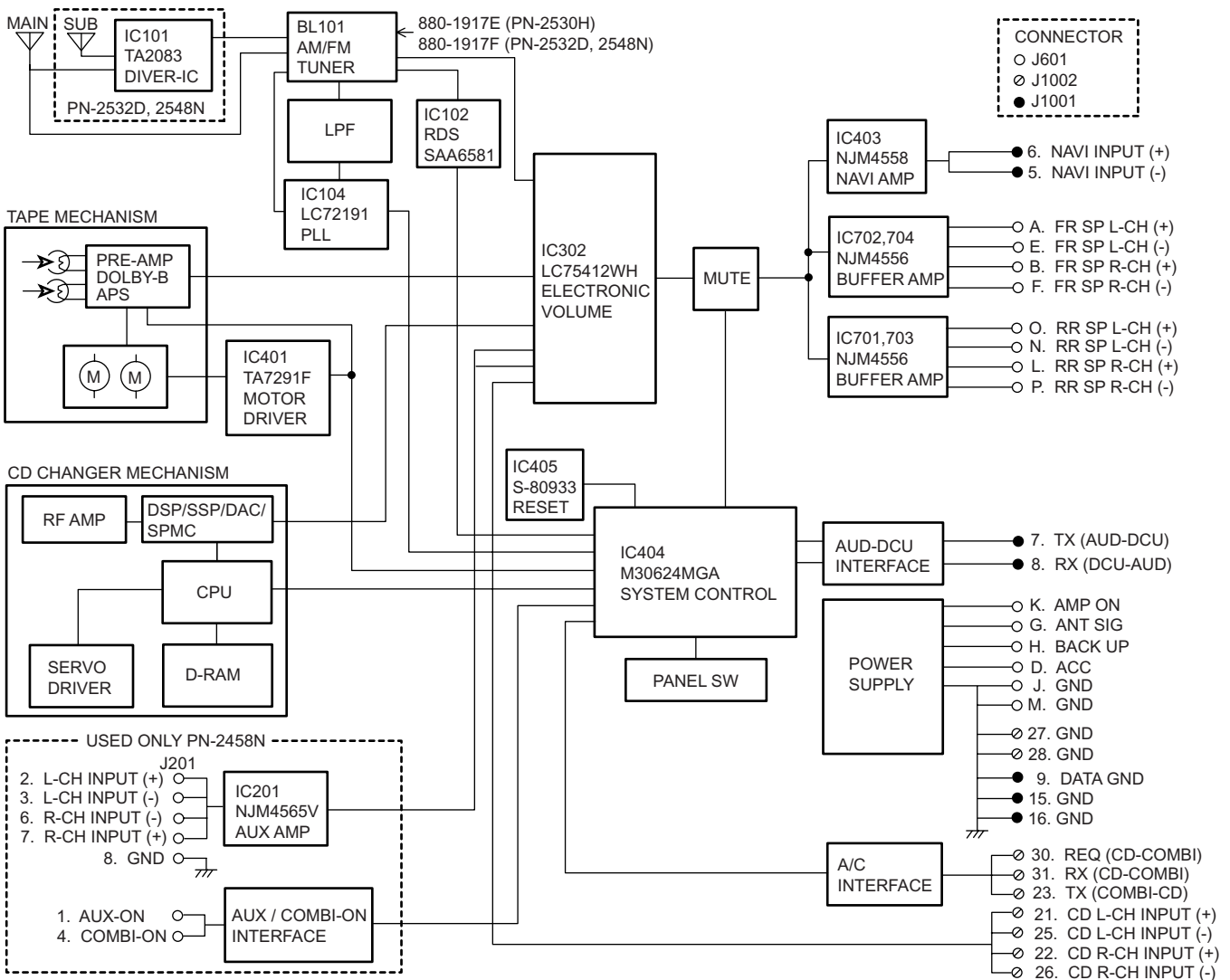
REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
IC2	051-1776-00	NJL5801K	SW1	013-3953-01	SPPB32	SW2	013-3951-32	MODE SWITCH

Rear PWB(B15) section:Tape mechanism

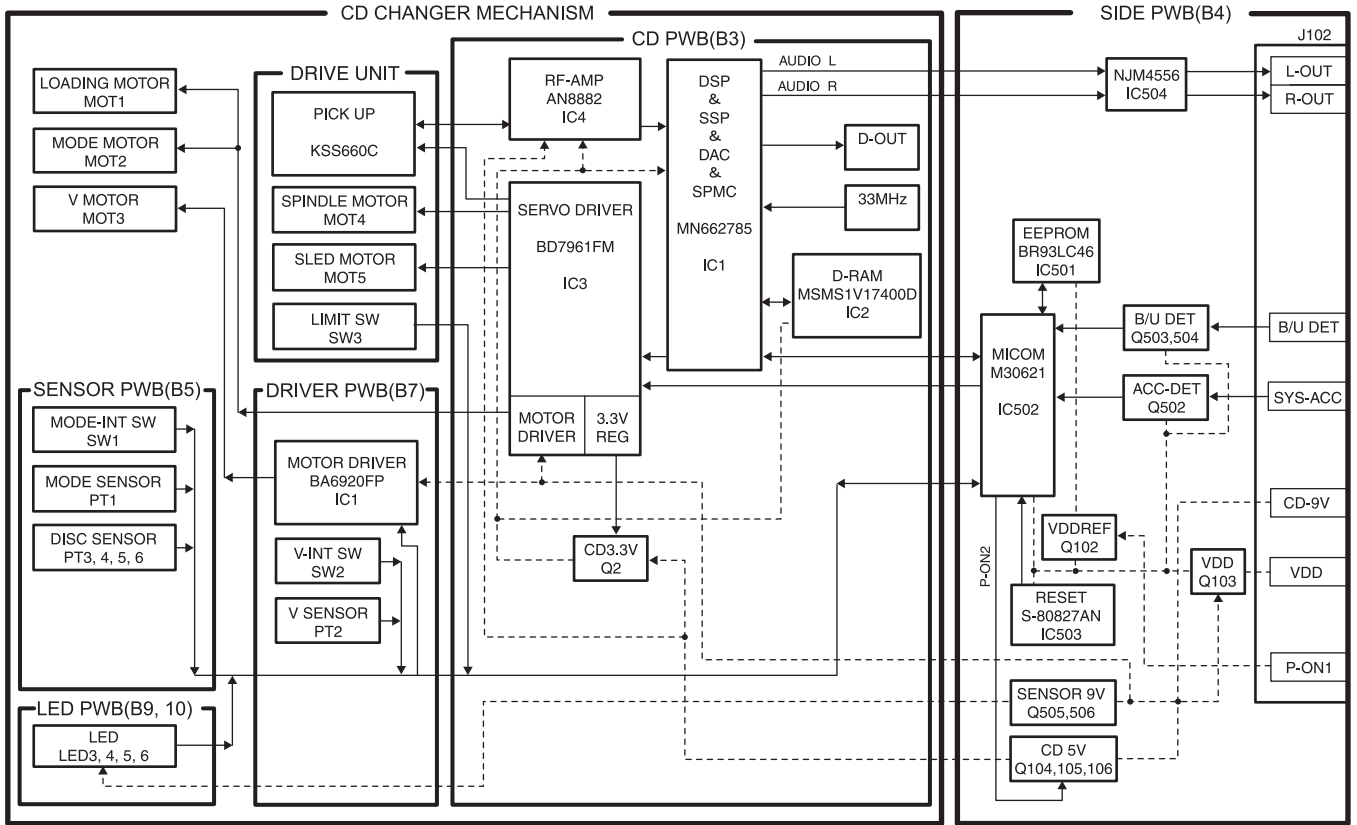
REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
P1	076-0368-10	10P	R19	111-5611-91	1/4WS 560 ohm
J2	074-1012-20	20P	S1	013-3906-00	SPPB51

BLOCK DIAGRAM

Main section

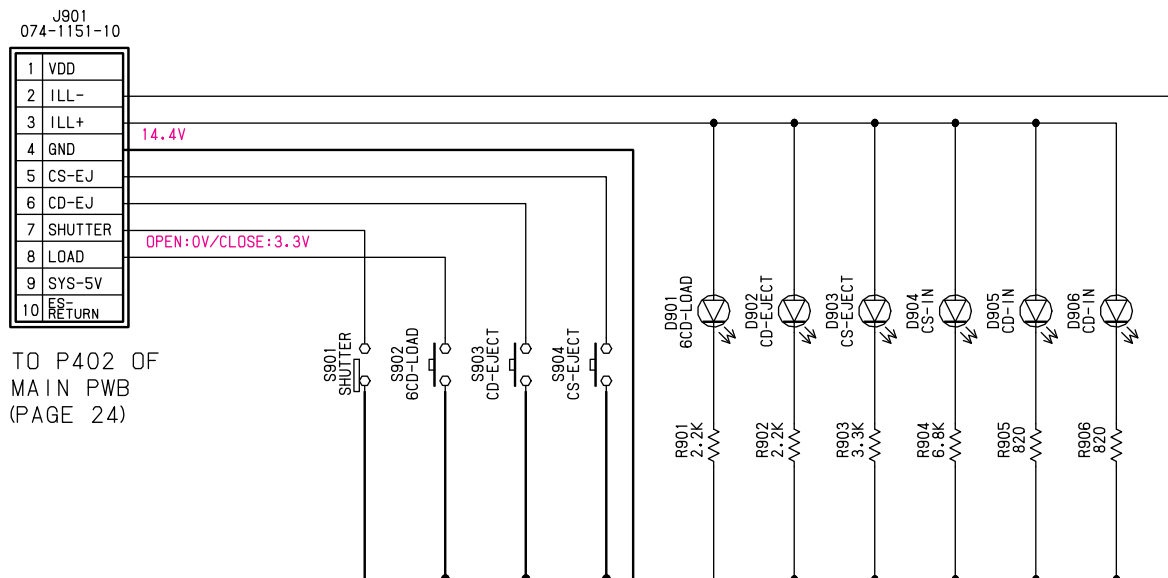


CD changer module section

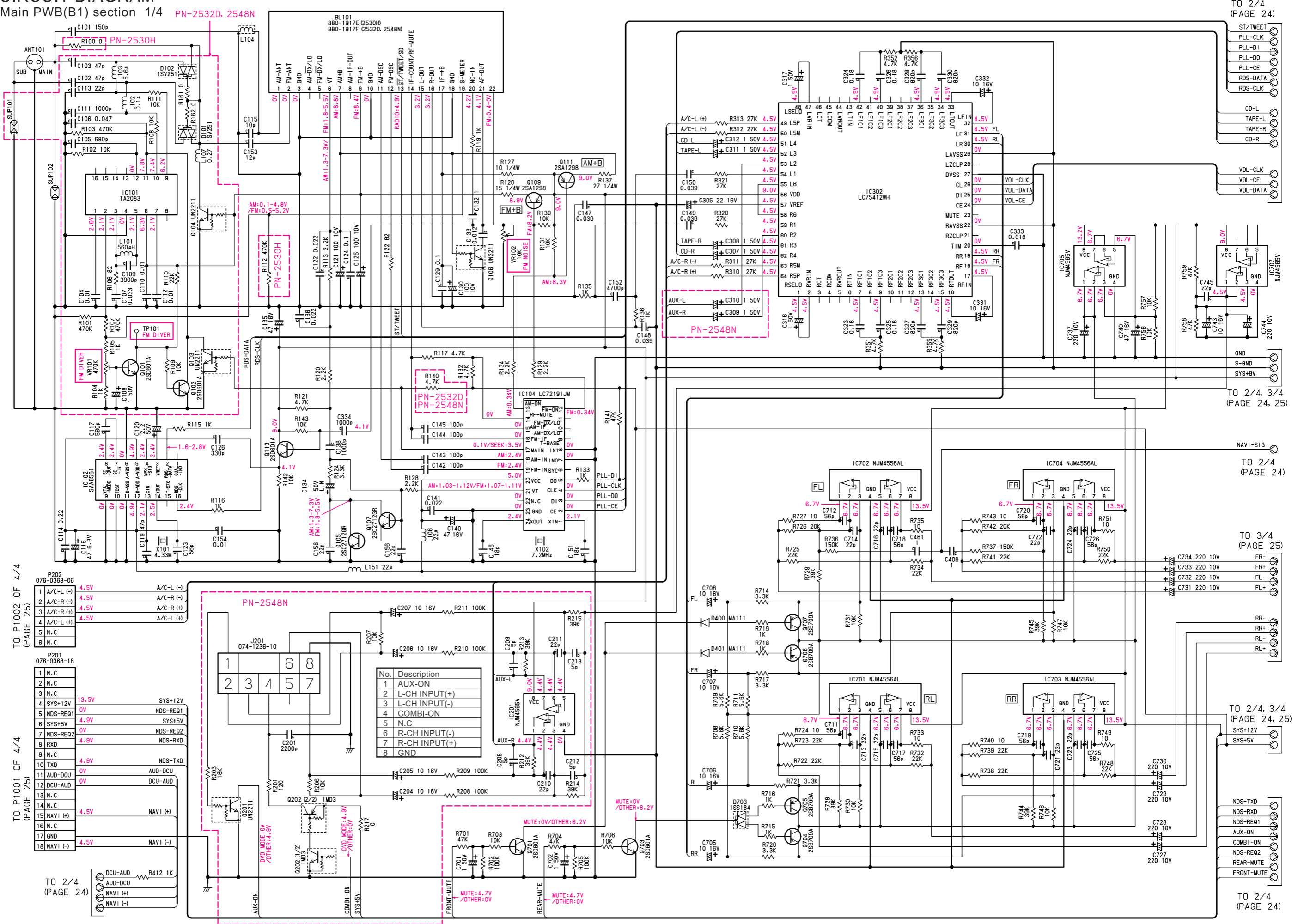


CIRCUIT DIAGRAM

Escutcheon PWB(B2) section : Used only PN-2532D



CIRCUIT DIAGRAM
Main PWB(B1) section 1/4 PN-2532D, 2548N



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P202 076-0368-06		A/C-L (-)		A/C-L (-)	
1	4.5V	1	4.5V		
2	4.5V	2	4.5V		
3	4.5V	3	4.5V		
4	4.5V	4	4.5V		
5	N.C.	5	N.C.		
6	N.C.	6	N.C.		

P201 076-0368-18		SYS+12V		SYS+12V	
1	N.C.	1	13.5V	1	13.5V
2	N.C.	2	0V	2	0V
3	N.C.	3	4.9V	3	4.9V
4	NDS-REQ1	4	0V	4	0V
5	SYS+5V	5	0V	5	0V
6	NDS-REQ2	6	4.9V	6	4.9V
7	RXD	7	4.9V	7	4.9V
8	N.C.	8	4.9V	8	4.9V
9	TXD	9	4.9V	9	4.9V
10	N.C.	10	4.9V	10	4.9V
11	AUD-DCU	11	0V	11	0V
12	DCU-AUD	12	0V	12	0V
13	N.C.	13	4.5V	13	4.5V
14	N.C.	14	4.5V	14	4.5V
15	NAVI (+)	15	4.5V	15	4.5V
16	N.C.	16	4.5V	16	4.5V
17	GND	17	4.5V	17	4.5V
18	NAVI (-)	18	4.5V	18	4.5V

DCU-AUD		R412 1K	
1	DCU-AUD	1	DCU-AUD
2	NAVI (+)	2	NAVI (+)
3	NAVI (-)	3	NAVI (-)

J201 074-1238-10	
1	6
2	3
3	4
4	5
5	7
6	8

No.	Description
1	AUX-ON
2	L-CH INPUT(+)
3	L-CH INPUT(-)
4	COMBI-ON
5	N.C.
6	R-CH INPUT(-)
7	R-CH INPUT(+)
8	GND

PN-2530H /
2532D / 2548N

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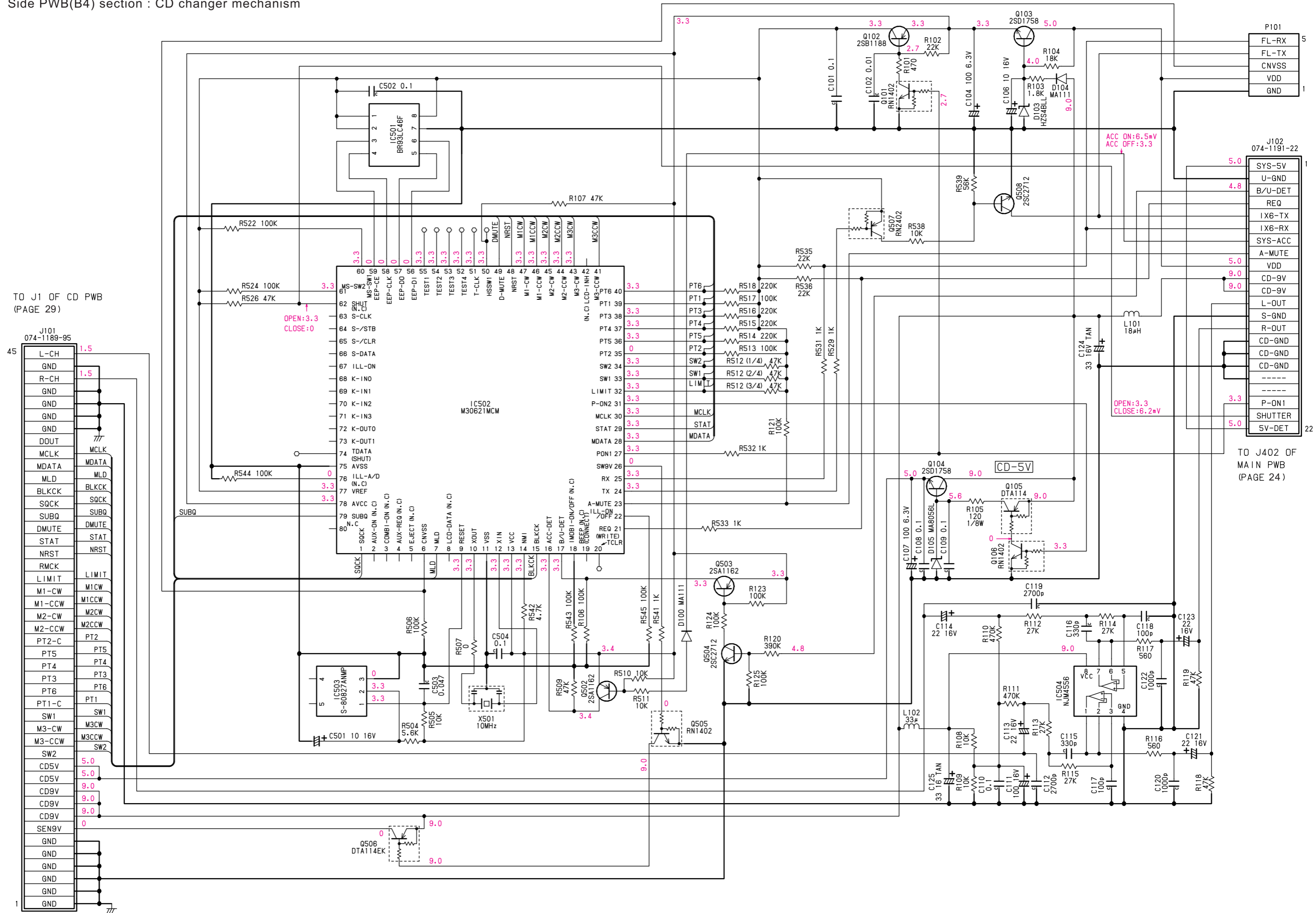
TO 2/4, 3/4
(PAGE 24, 25)

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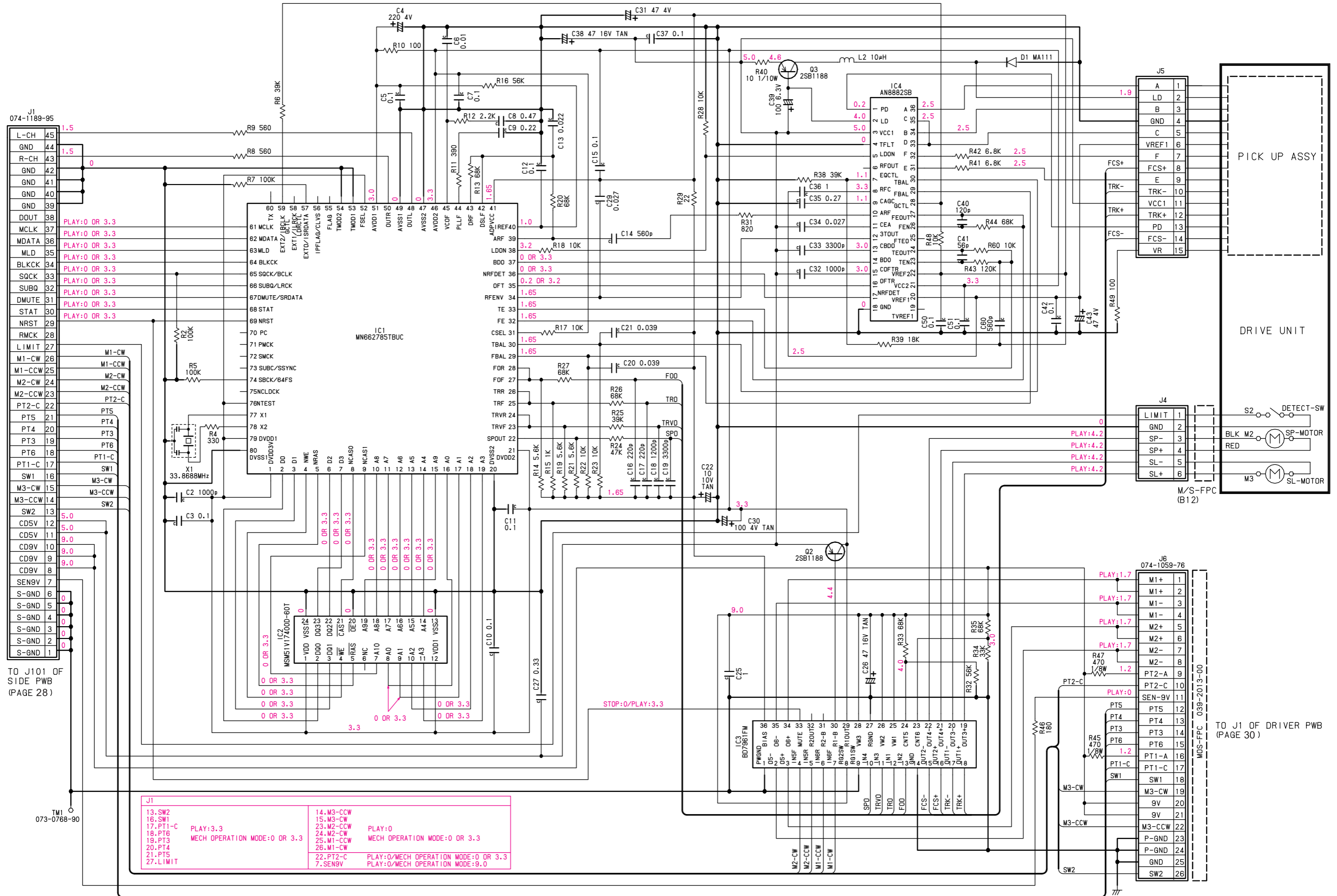
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CIRCUIT DIAGRAM

Side PWB(B4) section : CD changer mechanism



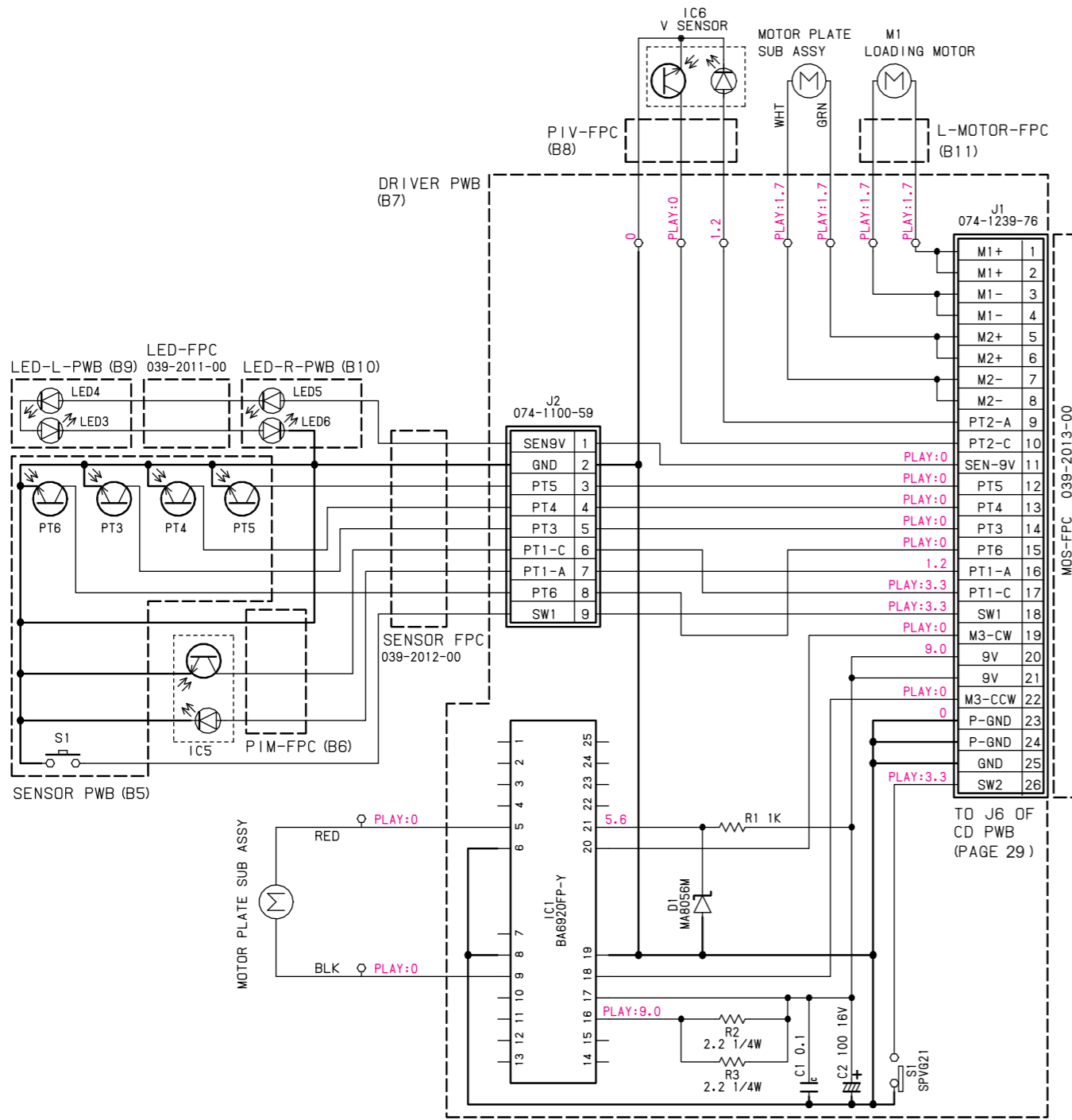
CD PWB(B3) / M/S-FPC(B12) section : CD changer mechanism



13. SW2	14. M3-CCW	PLAY:3.3
16. SW1	15. M3-CW	PLAY:0
17. PT1-C	23. M2-CCW	MECH OPERATION MODE:0 OR 3.3
18. PT6	24. M2-CW	PLAY:0
19. PT3	25. M1-CCW	MECH OPERATION MODE:0 OR 3.3
20. PT4	26. M1-CW	PLAY:0
21. PT5	22. PT2-C	PLAY:0/MECH OPERATION MODE:0 OR 3.3
27. LIMIT	7. SEN9V	PLAY:0/MECH OPERATION MODE:9.0

M1+	1	PLAY:1.7
M1+	2	PLAY:1.7
M1-	3	PLAY:1.7
M1-	4	PLAY:1.7
M2+	5	PLAY:1.7
M2+	6	PLAY:1.7
M2-	7	PLAY:1.7
M2-	8	PLAY:1.7
PT2-A	9	PLAY:0
PT2-C	10	PLAY:0
SEN-9V	11	PLAY:0
PT5	12	PLAY:0
PT4	13	PLAY:0
PT3	14	PLAY:0
PT6	15	PLAY:0
PT1-A	16	PLAY:0
PT1-C	17	PLAY:0
SW1	18	PLAY:0
M3-CW	19	PLAY:0
M3-CCW	20	PLAY:0
9V	21	PLAY:0
9V	22	PLAY:0
M3-CCW	23	PLAY:0
P-GND	24	PLAY:0
P-GND	25	PLAY:0
GND	26	PLAY:0

Sensor PWB(B5) / PIM-FPC(B6) / Driver PWB(B7) / PIV-FPC(B8)
 / LED-L-PWB(B9) / LED-R-PWB(B10) / L-Motor-FPC(B11) section : CD changer mechanism



PRINTED WIRING BOARD / CIRCUIT DIAGRAM
 Tape mechanism section: Side PWB(B13)/Bottom PWB(B14)/Rear PWB(B15)

