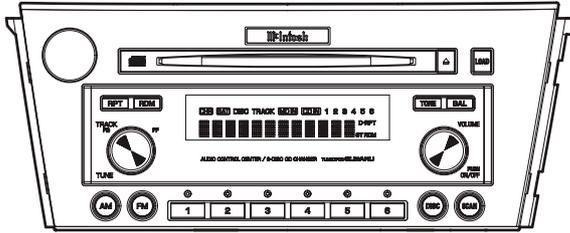


# Service Manual



**McIntosh®**

SUBARU Automobile Genuine  
 AM/FM 6-Disc CD Changer Deck

Model **PF-2551I-A**  
 (Genuine No.86201AG240)

## SPECIFICATIONS

### Radio section

Tuning system:	PLL Frequency synthesizer system	
Receive range:	AM	531 kHz to 1,629 kHz
	FM	87.5 MHz to 108 MHz
Intermediate frequency:	AM	450 kHz
	FM	10.7 MHz
Quieting sensitivity:	AM	Less than 41 dBu (at 20 dB S/N)
	FM	Less than 15 dBu (at 30 dB S/N)
Separation:	FM	More than 20 dB
Auto tuning stop sensitivity:	AM	37 +6/-6 dBu
	FM	26 +6/-6 dBu

### CD section

Disc:	Compact disc (8 cm / 12 cm)
Separation:	More than 65 dB (at 20 kHz LPF)
S/N ratio:	More than 80 dB
Frequency response:	17 Hz(0 +3/-3 dB) to 20 kHz(-1 +2/-2 dB)

### General

Load impedance:	4.7 kohm
Output level:	More than 2.5 V x 4 (at CD 1 kHz 0dB)
	Typ. 3.0 V x 4
Power supply voltage:	DC13.2 V (10.8 V to 15.6 V)
	Negative ground
Current consumption:	Less than 3A
	Less than 5mA(at Backup)
Dimensions(mm):	178 (W) x 100 (H) x 165.3 (D) (Main section)
	264.7 (W) x 100 (H) (Escutcheon section)
Weight:	2.6 kg

## NOTE

We cannot supply PWB with component parts in principle. When a circuit on PWB has failure, please repair it by component parts base. Parts which are not mentioned in service manual are not supplied. Specifications and design are subject to change without notice for further improvement.

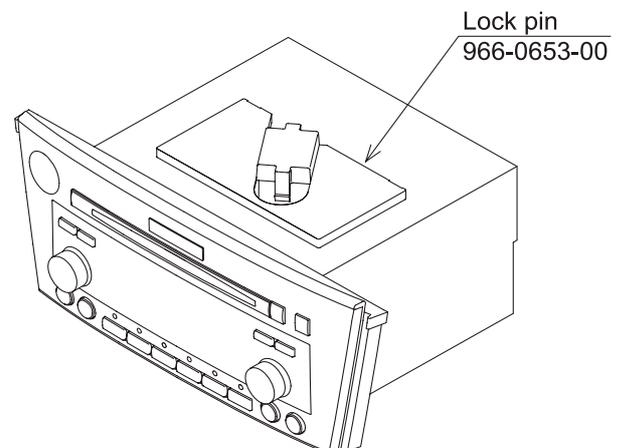
## COMPONENTS

### PF-2551I-A

Main unit	-----	1
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## CAUTIONS

In case that the main unit or the CD changer mechanism is transported for repair, the lock pin(966-0653-00) must be set to fix the mechanism assy.



## To engineers in charge of repair or inspection of our products.

Before repair or inspection, make sure to follow the instructions so that customers and Engineers in charge of repair or inspection can avoid suffering any risk or injury.

1. Use specified parts.  
The system uses parts with special safety features against fire and voltage. Use only parts with equivalent characteristics when replacing them.  
The use of unspecified parts shall be regarded as remodeling for which we shall not be liable. The onus of product liability (PL) shall not be our responsibility in cases where an accident or failure is as a result of unspecified parts being used.
2. Place the parts and wiring back in their original positions after replacement or re-wiring.  
For proper circuit construction, use of insulation tubes, bonding, gaps to PWB, etc, is involved. The wiring connection and routing to the PWB are specially planned using clamps to keep away from heated and high voltage parts. Ensure that they are placed back in their original positions after repair or inspection.  
If extended damage is caused due to negligence during repair, the legal responsibility shall be with the repairing company.
3. Check for safety after repair.  
Check that the screws, parts and wires are put back securely in their original position after repair. Ensure for safety reasons there is no possibility of secondary problems around the repaired spots.  
If extended damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.
4. Caution in removal and making wiring connection to the parts for the automobile.  
Disconnect the battery terminal after turning the ignition key off. If wrong wiring connections are made with the battery connected, a short circuit and/or fire may occur. If extensive damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

5. Cautions regarding chips.  
Do not reuse removed chips even when no abnormality is observed in their appearance. Always replace them with new ones. (The chip parts include resistors, capacitors, diodes, transistors, etc). The negative pole of tantalum capacitors is highly susceptible to heat, so use special care when replacing them and check the operation afterwards.
6. Cautions in handling flexible PWB  
Before working with a soldering iron, make sure that the iron tip temperature is around 270°C. Take care not to apply the iron tip repeatedly (more than three times) to the same patterns. Also take care not to apply the tip with force.
7. Turn the unit OFF during disassembly and parts replacement. Recheck all work before you apply power to the unit.
8. Cautions in checking that the optical pickup lights up.  
The laser is focused on the disc reflection surface through the lens of the optical pickup. When checking that the laser optical diode lights up, keep your eyes more than 30cms away from the lens. Prolonged viewing of the laser within 30cms may damage your eyesight.
9. Cautions in handling the optical pickup  
The laser diode of the optical pickup can be damaged by electrostatic charge caused by your clothes and body. Make sure to avoid electrostatic charges on your clothes or body, or discharge static electricity before handling the optical pickup.
- 9-1. Laser diode  
The laser diode terminals are shorted for transportation in order to prevent electrostatic damage. After replacement, open the shorted circuit. When removing the pickup from the mechanism, short the terminals by soldering them to prevent this damage.
- 9-2. Actuator  
The actuator has a powerful magnetic circuit. If a magnetic material is put close to it. Its characteristics will change. Ensure that no foreign substances enter through the ventilation slots in the cover.
- 9-3. Cleaning the lens  
Dust on the optical lens affects performance. To clean the lens, apply a small amount of isopropyl alcohol to lens paper and wipe the lens gently.

## ADJUSTMENT

Item	Procedure	Measuring instrument
FM Diversity	1. Input the 83.0MHz/20dBu(1kHz, MOD.22.5kHz) signal. 2. Adjust the voltage on TP1 to 1.0 +0.3/-0.3V with VR100.	SSG Milli-volt meter

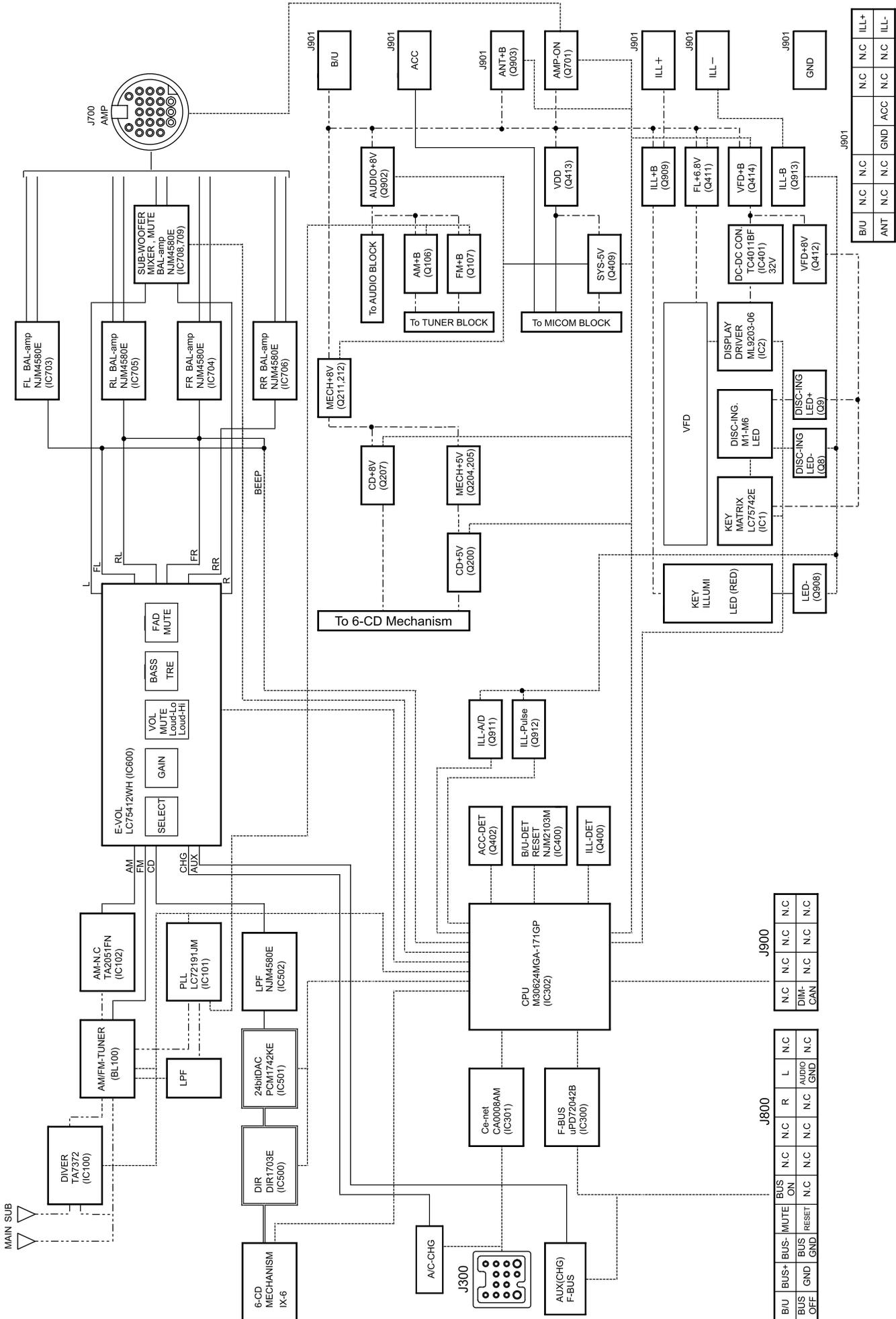
# EXPLANATION OF IC

052-3166-20 M30624MGA-171GP Main System Controller

## 1. Terminal Description

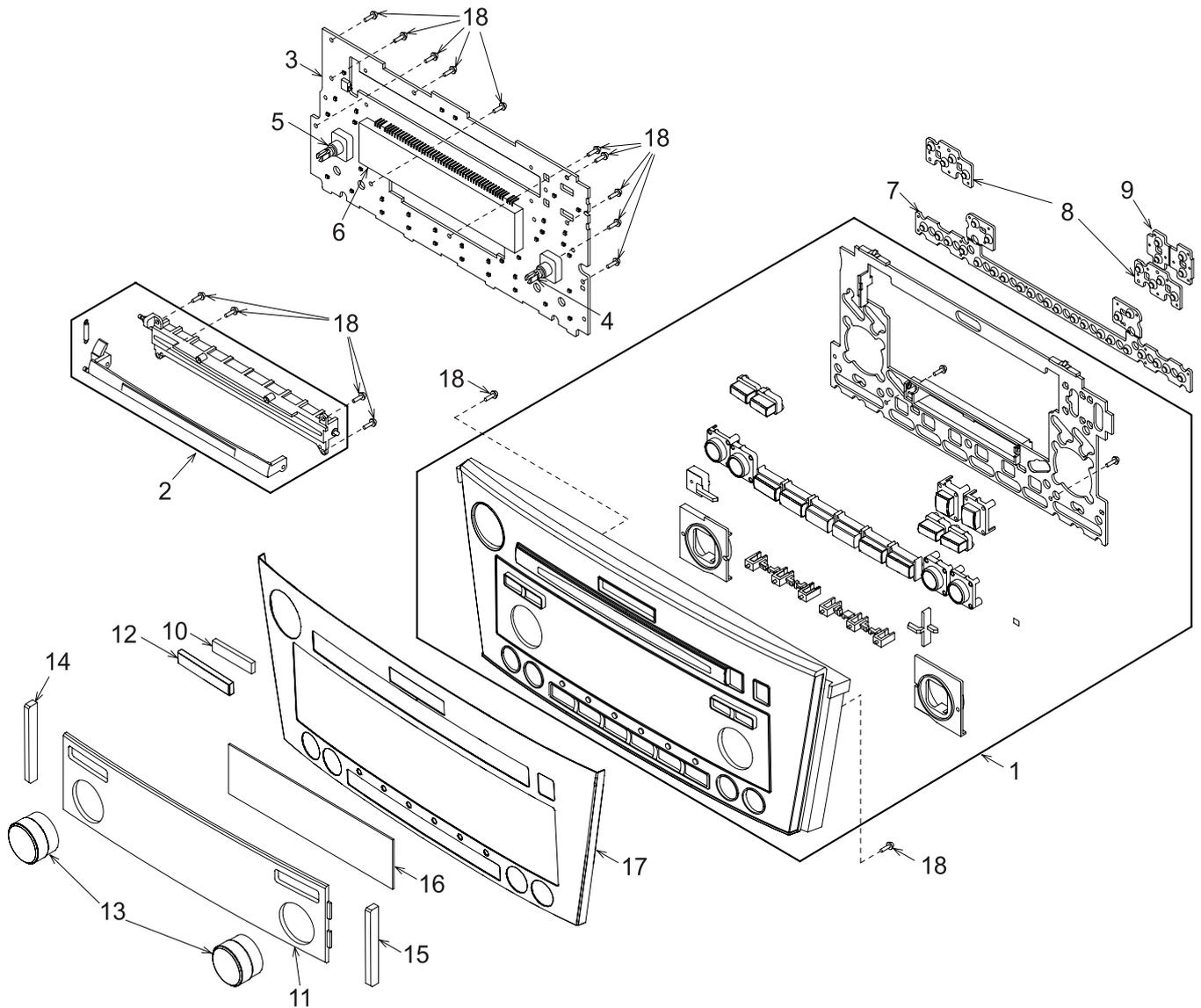
pin 1: FUNCTION 2	: IN: Low = without MD.	pin 60: VDD	: - : Positive supply voltage.
pin 2: FUNCTION 3	: IN: Low = without Cassette tape.	pin 61: DIR EM FLG	: IN: DIR emphasis flag input. H = without emphasis.
pin 3: AREA 1	: IN: The destination setting input.	pin 62: GND	: - : Ground.
pin 4: AREA 2	: IN: The destination setting input.	pin 63: DAC ML	: O : Latch pulse output to the DAC.
pin 5: CLK SEL	: IN: The initial setting input for the clock.	pin 64: DAC MC	: O : Clock pulse output to the DAC.
pin 6: CNGND	: - : Connect to the ground.	pin 65: DAC MD	: O : Serial command data output to the DAC.
pin 7: CN VSS	: IN: Connect to VSS.	pin 66: F-BUS MUTE I	: IN: The muting signal input for F-BUS.
pin 8: WB SD	: IN: WB station detect signal input.	pin 67: F-BUS MUTE O	: O : The muting signal output for F-BUS.
pin 9: VFD ON	: IN: VFD ON signal output.	pin 68: F-BUS RESET	: O : The reset pulse output for F-BUS.
pin 10: RESET	: IN: Reset signal input.	pin 69: F-BUS SYS ON	: O : The system ON signal output for F-BUS.
pin 11: X OUT	: O : Crystal connection.	pin 70: F-BUS SYS OFF	: O : The system OFF signal output for F-BUS.
pin 12: GND	: - : Ground.	pin 71: F-BUS ONREQI	: IN: The system ON request signal input for F-BUS.
pin 13: X IN	: IN: Crystal connection.	pin 72: F-BUS OFFREQI	: IN: The system OFF request signal input for F-BUS.
pin 14: VDD	: - : Positive supply voltage.	pin 73: F-BUS IRQI	: IN: The interrupt request signal input for F-BUS.
pin 15: CN VDD	: - : Connect to VDD.	pin 74: VFD CS	: O : CS signal output to VFD driver.
pin 16: BU DET	: IN: Backup detection signal input.	pin 75: VFD CP	: O : CP signal output to VFD driver.
pin 17: ACC DET	: IN: ACC detection signal input.	pin 76: VFD DA	: O : The serial data output to the VFD driver.
pin 18: ILL PULSE	: IN: Illumination control signal input.	pin 77: VFD BLANK	: O : Blank pulse output to the VFD driver.
pin 19: CONNETCT 27	: - : Connect to pin 27.	pin 78: EVol/VF/PL-DO	: O : The serial data output for the electric volume IC and the VFD driver and PLL.
pin 20: ILL ON	: IN: Illumination ON signal input.	pin 79: VFD DI	: IN: Serial data input from the VFD driver.
pin 21: AUDIO OUT	: O : Outputting "L" to send back the audio signal to the Ce-NET.	pin 80: EVol/VF/PL-CL	: O : The clock pulse output for the electric volume IC and the VFD driver and PLL.
pin 22: NAVI MUTE	: O : Muting signal output to suppress the noise without Navigation sound interrupting.	pin 81: EVol/VF/PL-CE	: O : The chip enable signal output for the electric volume IC and the VFD driver and PLL.
pin 23: LINE MUTE	: O : The line mute signal output.	pin 82: VFD RESET	: O : The reset pulse output to VFD.
pin 24: BEEP	: O : Beep out.	pin 83: PLL DI	: IN: Serial data input from the PLL IC.
pin 25: TIME BASE	: IN: Time base pulse input.	pin 84: NU	: - : Not in use.
pin 26: DX/LO	: O : DX/Local select signal output.	pin 85: E VOL 1R	: IN: Pulse signal input from the rotary encoder.
pin 27: Ce-NET RX	: IN: The serial data input from Ce-NET.	pin 86: E VOL 1L	: IN: Pulse signal input from the rotary encoder.
pin 28: Ce-NET TX	: O : The serial data output to Ce-NET.	pin 87: POWER SW	: IN: Power switch ON signal input.
pin 29: IX-6 TX	: O : Serial data output.	pin 88: IX-6 LOAD	: IN: IX-6 loading signal input.
pin 30: IX-6 RX	: IN: Serial data input.	pin 89: MD EJ SW	: IN: MD eject switch signal input.
pin 31: ST	: IN: The stereo flag input.	pin 90: IX-6 EJ SW	: IN: IX-6 eject switch signal input.
pin 32: AMP ON	: O : Audio power amplifier ON signal output.	pin 91: IX-6 REQUE	: IN: Request signal input from IX-6.
pin 33: F-BUS DO	: O : The serial data output for F-BUS.	pin 92: NU	: - : Not in use.
pin 34: F-BUS DI	: IN: The serial data input for F-BUS.	pin 93: NU	: - : Not in use.
pin 35: F-BUS CLK	: O : The clock pulse output for F-BUS.	pin 94: A VSS	: - : Analog ground.
pin 36: F-BUS RESET	: O : The reset pulse output for F-BUS.	pin 95: HR	: IN: Steering wheel remote controller input.
pin 37: F-BUS CS	: O : The chip select output for F-BUS.	pin 96: Vref	: - : Reference voltage.
pin 38: F-BUS C/D	: O : The C/D signal output to F-BUS IC. H = Command mode, L = Data mode.	pin 97: A VCC	: - : Positive supply voltage for the internal analog section.
pin 39: ANT ON	: O : Antenna ON command output.	pin 98: DIM C SL	: IN: The initial setting input for the dimmer cancellor.
pin 40: SYS ACC	: O : ACC detect signal output.	pin 99: ILL C AD	: O : Brightness control signal input.
pin 41: SYS ON	: O : System ON signal output.	pin100: FUNCTION 1	: IN: Low = GS-1, High = IX-6.
pin 42: NU	: - : Not in use.		
pin 43: TEL ON	: IN: Telephone ON signal input.		
pin 44: SUB W MUTE	: O : The sub woofer muting signal output.		
pin 45: CD 5V	: O : Power supply control signal output for the CD IC / DAC IC. "H"= ON.		
pin 46: EEP CEO	: O : The chip enable signal output to EEP-ROM.		
pin 47: EEP CLK	: O : The clock pulse output to EEP-ROM.		
pin 48: EEP DO	: O : The serial data output to EEP-ROM.		
pin 49: EEP DI	: IN: The serial data input from EEP-ROM.		
pin 50: MD 8V	: O : Control signal output to the power supply circuit.		
pin 51: MD WP	: O : Wake up signal output to the MD mechanism.		
pin 52: MD X CS	: O : The chip selection signal output to the MD mechanism.		
pin 53: MD X SCK	: O : The clock pulse output to the MD mechanism.		
pin 54: MD SO	: O : Serial data output to the MD mechanism.		
pin 55: MD RESET	: O : MD reset pulse output.		
pin 56: MD X SRQ	: IN: Request signal input from the MD mechanism.		
pin 57: MD SI	: IN: Serial data input from the MD mechanism.		
pin 58: MD LD	: IN: Disc-in signal input from the MD mechanism.		
pin 59: NU	: - : Not in use.		

# BLOCK DIAGRAM



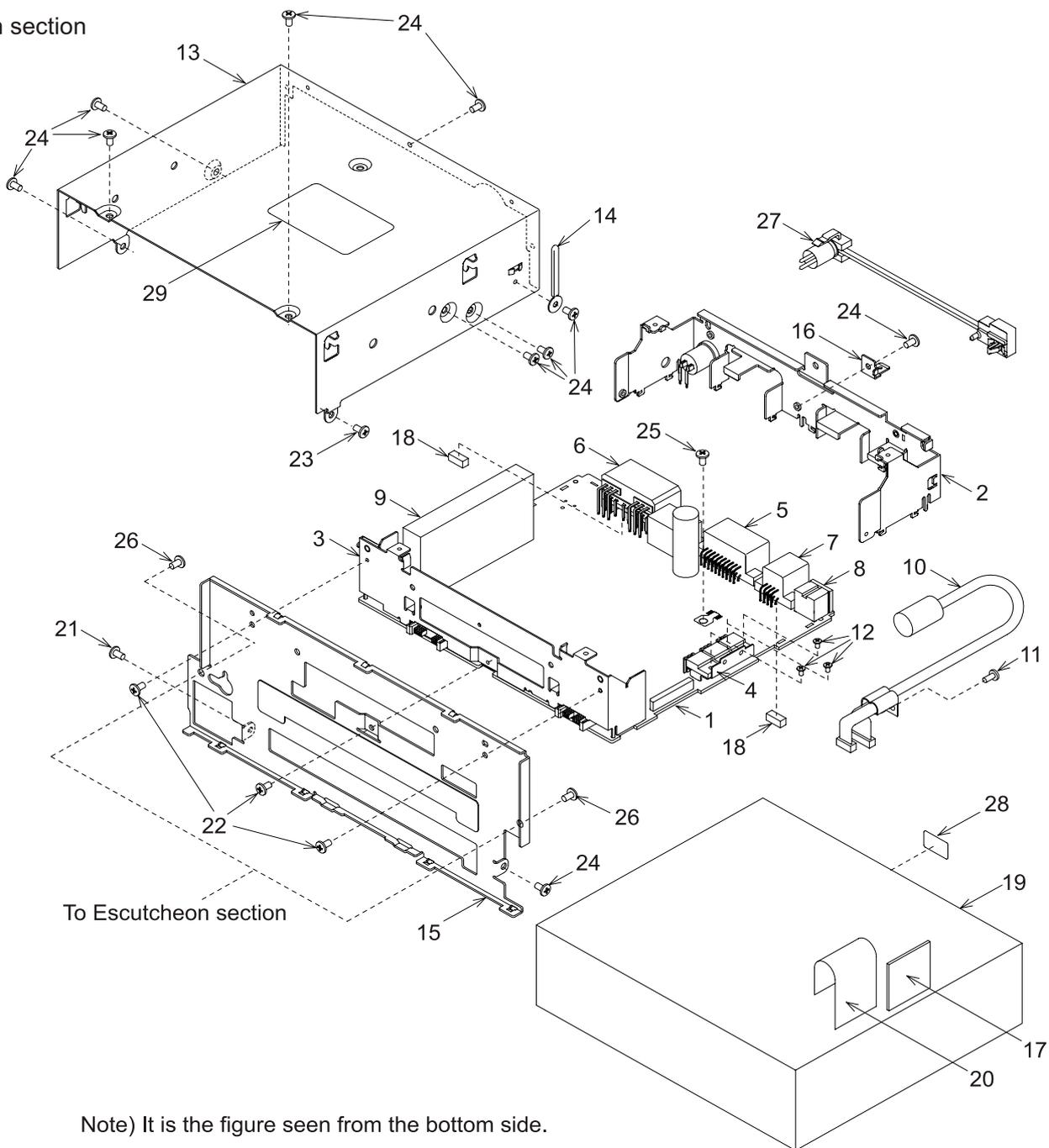
# EXPLODED VIEW / PARTS LIST

Escutcheon section



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8025-12	ESCUTCHEON-ASSY	1	10	345-5299-00	RUBBER SHEET	1
2	947-0527-30	DOOR-ASSY	1	11	373-1005-00	DIAL-CVR	1
3	039-2318-02	SWITCH PWB (WITHOUT COMPONENT)	1	12	378-0544-00	BADGE	1
4	016-0025-01	VR W/SHAFT	1	13	380-5557-00	KNOB	2
5	016-9900-91	VR W/SHAFT	1	14	383-0696-00	SIDE TRIM(L)	1
6	379-4046-24	INDICATOR	1	15	383-0697-00	SIDE TRIM(R)	1
7	345-5238-00	RUBBER SWITCH(A)	1	16	335-6947-00	VFD CVR	1
8	345-5239-00	RUBBER SWITCH(B)	2	17	383-0700-01	DECORATE PART	1
9	345-5240-00	RUBBER SWITCH(C)	1	18	716-0778-00	WAVE SCREW (phi2 x 6)	16

Main section

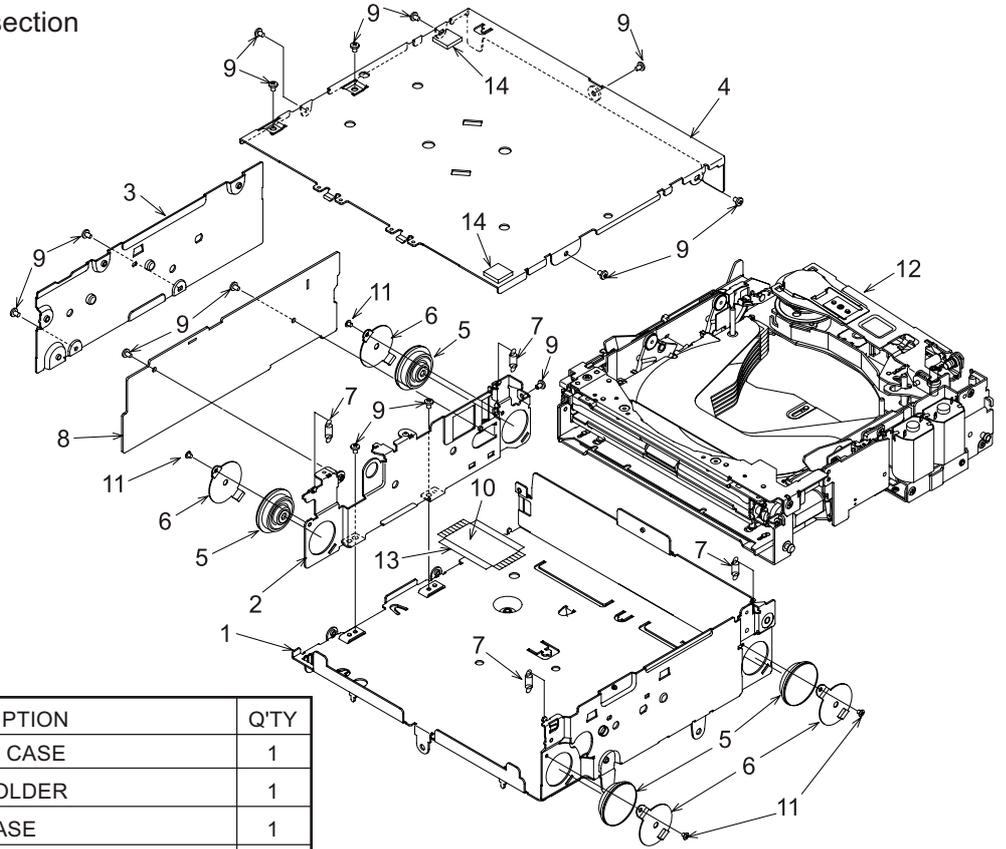


Note) It is the figure seen from the bottom side.

NO.	PART NO.	DESCRIPTION	Q'TY
1	039-2317-01	MAIN PWB (WITHOUT COMPONENT)	1
2	307-0692-10	REAR PLATE	1
3	309-0791-00	FRONT PLATE	1
4	331-3491-00	TR-HOLDER	1
5	074-0895-20	OUTLET SOCKET(20P)	1
6	074-1010-10	OUTLET SOCKET(14P)	1
7	074-1129-08	OUTLET SOCKET(8P)	1
8	074-1194-00	OUTLET SOCKET(CeNET)	1
9	941-0210-80	TUNER PACK	1
10	855-0562-00	MULTIPOLE CORD	1
11	714-2605-81	MACHINE SCREW (M2.6 x 5)	1
12	716-0878-00	IT-SCREW(M2.6 x 5)	3
13	311-1854-21	LOWER CASE	1
14	321-0811-00	CLAMP	1
15	331-3577-00	ES-PLATE	1

NO.	PART NO.	DESCRIPTION	Q'TY
16	331-3579-00	EARTH PLATE	1
17	335-6788-00	MOLDED PART	1
18	345-5323-00	SPACER	2
19	-----	CD CHANGER MECHANISM (019187)	1
20	816-2563-01	FLAT WIRE	1
21	714-2003-89	MACHINE SCREW (M2 x 3)	1
22	714-2304-81	MACHINE SCREW (M2.3 x 4)	3
23	714-2603-80	MACHINE SCREW (M2.6 x 3)	1
24	714-2605-81	MACHINE SCREW (M2.6 x 5)	10
25	716-0878-00	IT-SCREW(M2.6 x 5)	1
26	716-1553-00	P-TIGHT SCREW (phi3 x 8)	2
27	093-2057-00	ANT-JUMPER	1
28	290-8338-01	LABEL	1
29	286-9064-16	SETPLATE	1

### CD changer mechanism section



NO.	PART NO.	DESCRIPTION	Q'TY
1	311-1837-26	LOWER CASE	1
2	331-3266-24	PWB-HOLDER	1
3	305-0315-28	SIDE CASE	1
4	310-1741-23	UPPER CASE	1
5	629-0083-01	DAMPER	4
6	620-1086-20	DAMPER-H-PLT	4
7	750-3491-00	FL-SPRING	1
8	039-2219-00	CD MAIN PWB (WITHOUT COMPONENT)	1
9	716-1716-00	SCREW (M2 x 3)	14

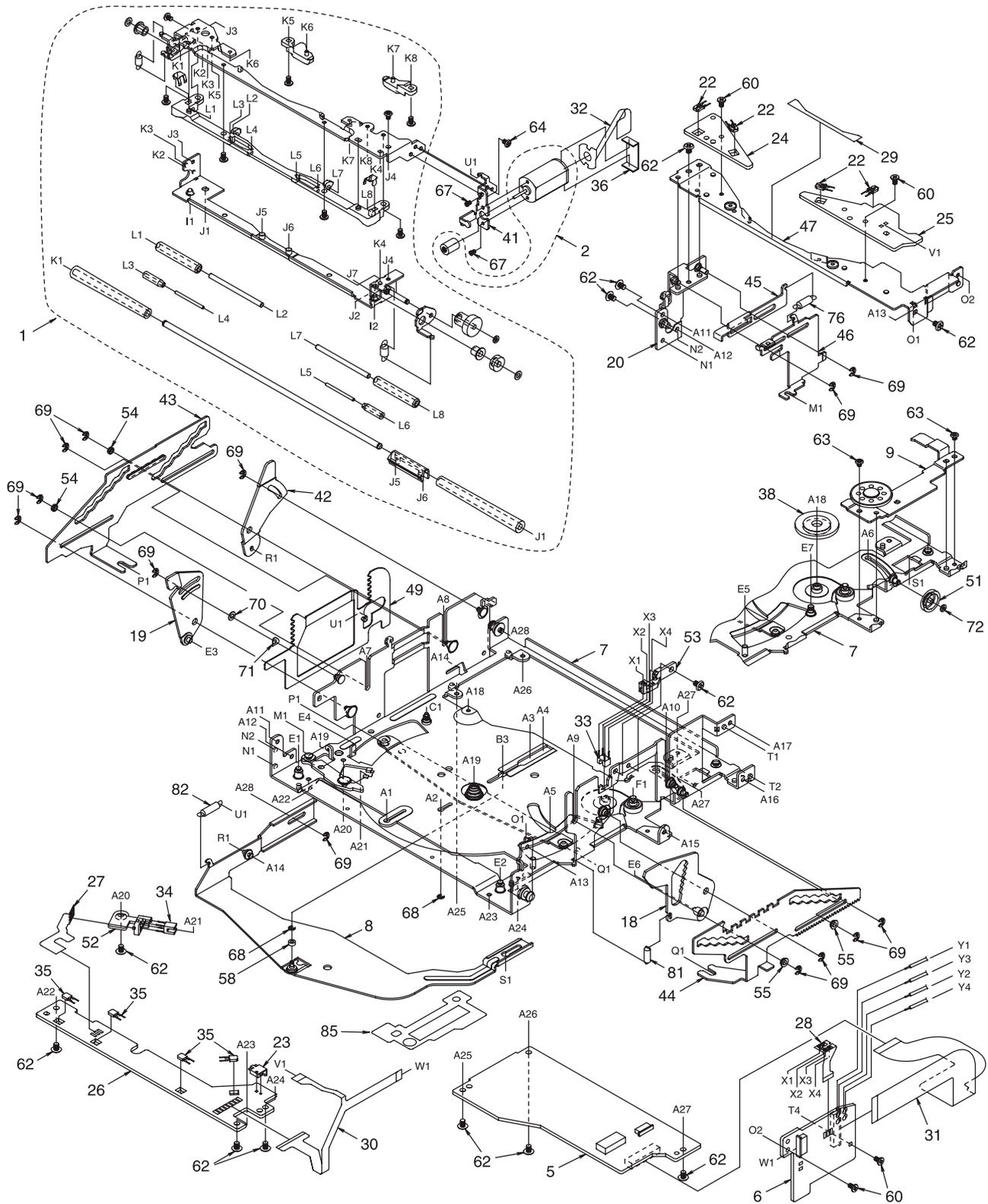
NO.	PART NO.	DESCRIPTION	Q'TY
10	039-1957-01	FPC(WITHOUT COMPONENT)	1
11	716-3450-00	SCREW (M1.7x 2)	4
12	-----	CD CHANGER MODULE	1
13	347-6619-00	INSULATOR	1
14	345-8329-00	CUSHION RUBBER	2

### CD Changer module : Main chassis section

Exploded view on page8 and 9.

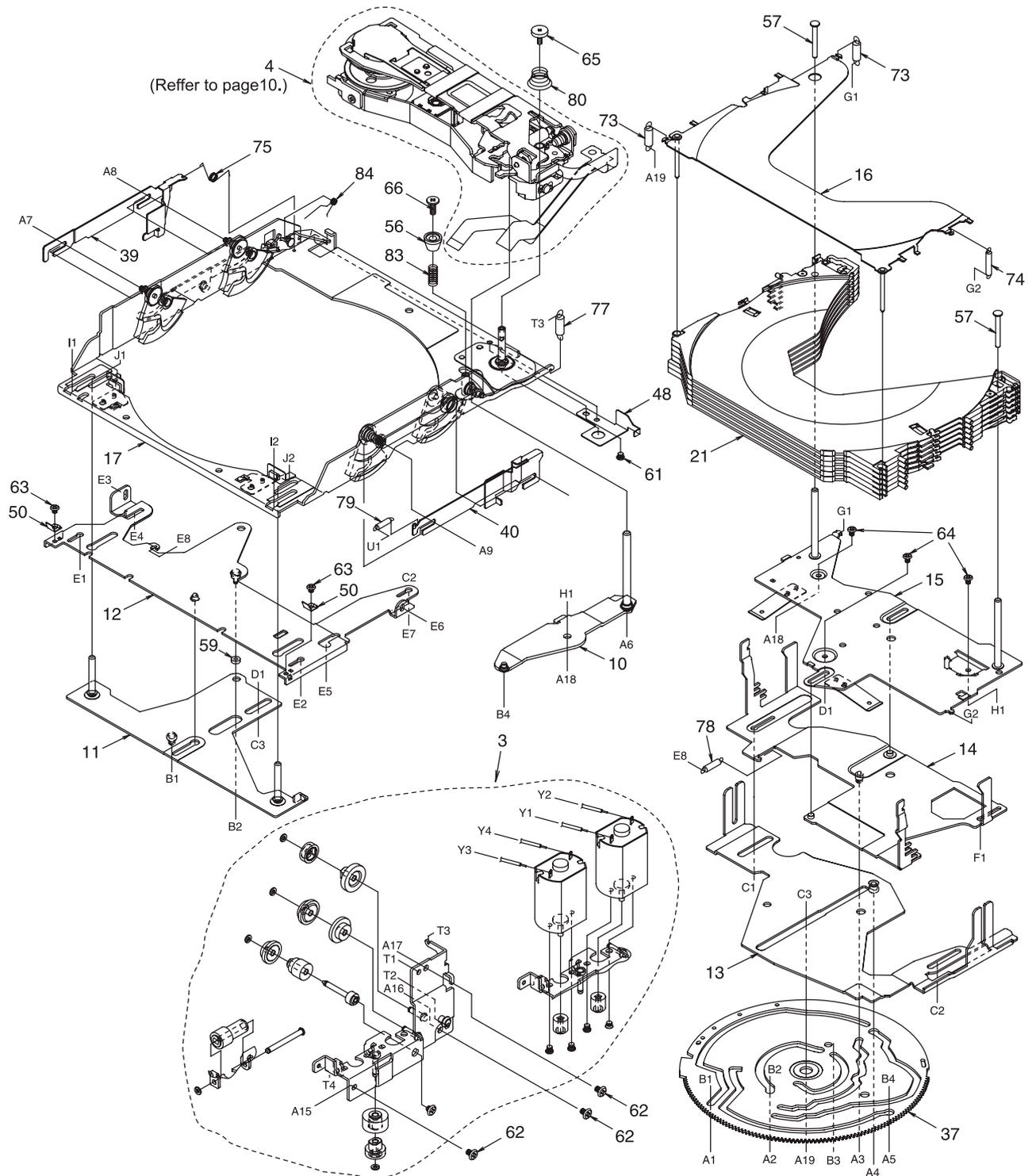
NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-511-100	LOADING UNIT (WITHOUT MOTOR)	1
2	SMA-186-100	LOADING MOTOR ASSY	1
3	HBS-512-100	MOTOR PLATE SUB ASSY	1
4	HBS-513-103	DRIVE UNIT	1
5	039-1960-20	CD PWB (WITHOUT COMPONENT)	1
6	039-1953-00	DRIVER PWB (WITHOUT COMPONENT)	1
7	966-0597-23	CHASSIS ASSY	1
8	966-0600-21	LOCK-P-RE-ASSY	1
9	966-0601-21	M-GEAR-P-ASSY	1
10	966-0602-23	DR-LINK-ASSY	1
11	966-0603-20	MODE-P-ASSY	1
12	966-0604-22	LOCK-PF-ASSY	1
13	966-0605-20	SHIFT-P-ASSY	1
14	966-0606-22	HLC-PLATE-ASSY	1
15	966-0607-23	COV-OLATE-ASSY	1
16	966-0610-23	TOP-PLATE-ASSY	1
17	966-0652-22	DR-BASE-P-ASSY	1
18	966-0615-21	LOCK-L-RF-ASSY	1
19	966-0616-20	LOCK-L-LF-ASSY	1

NO.	PART NO.	DESCRIPTION	Q'TY
20	966-0618-21	EJECT-B-ASSY	1
21	966-0624-25	DISC-HOL-ASSY	1
22	001-7042-00	LED(GL4800)	4
23	013-7414-50	DETECTOR SWITCH	1
24	039-1954-20	LED-L-PWB (WITHOUT COMPONENT)	1
25	039-1955-20	LED-R-PWB (WITHOUT COMPONENT)	1
26	039-1956-00	SENSOR PWB (WITHOUT COMPONENT)	1
27	039-2009-00	PIM-FPC	1
28	039-2010-00	PIV-FPC	1
29	039-2011-00	LED-FPC	1
30	039-2012-00	SENSOR-FPC	1
31	039-2013-01	MOS-FPC	1
32	039-2014-00	L-MOTOR-FPC (WITHOUT COMPONENT)	1
33	051-5806-01	IC(GPIS93)	1
34	051-5806-02	IC(GPIS95)	1
35	060-0252-01	PHOTO-TR	4
36	347-6657-01	LO-COVER SHEET	1
37	620-1041-23	GEAR PLATE	1
38	620-1042-20	M-GEAR-H	1
39	620-1056-22	HLC-PLATE-L	1



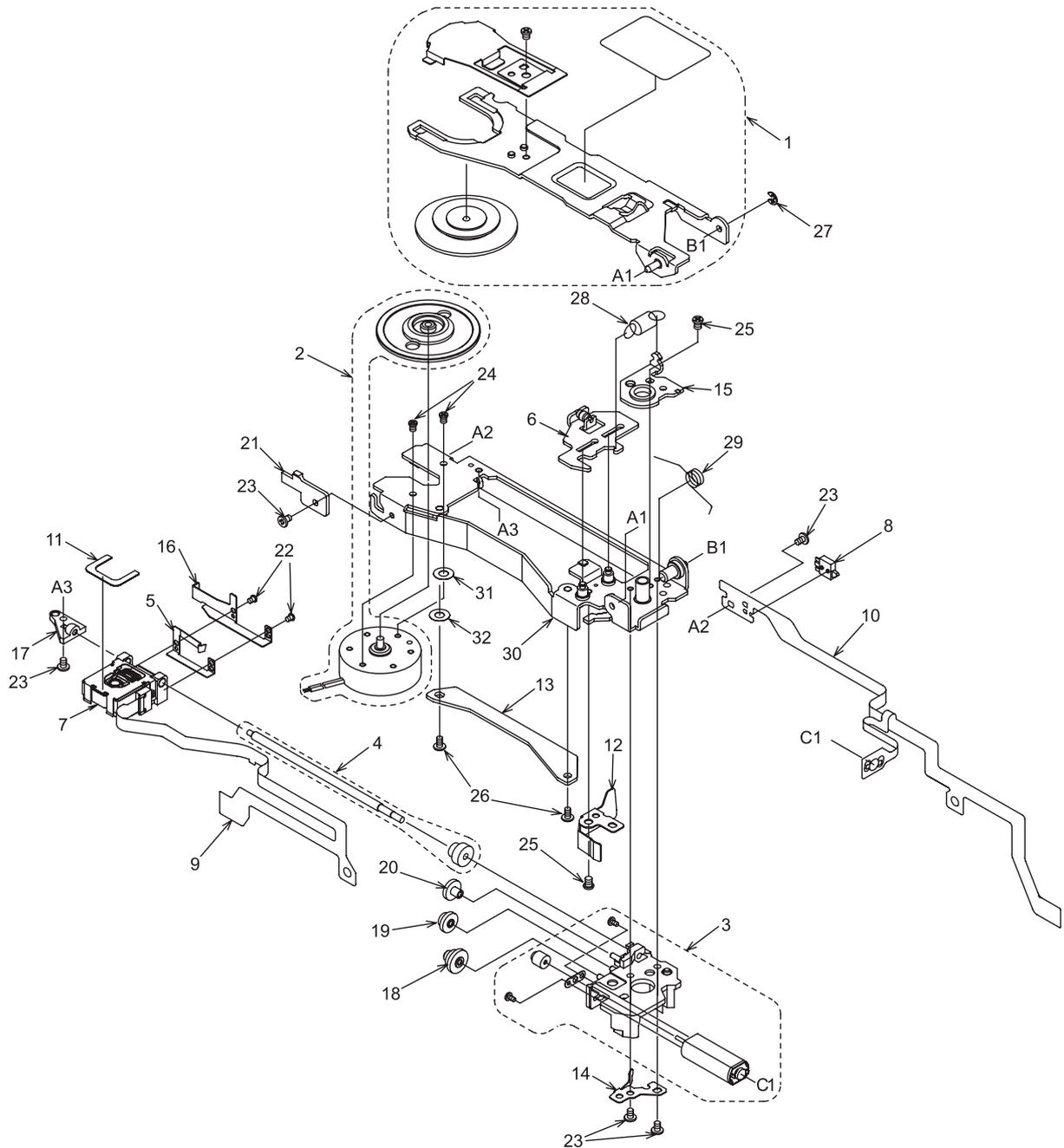
NO.	PART NO.	DESCRIPTION	Q'TY
40	620-1057-21	HLR-PLATE-R	1
41	620-1063-20	LO-MOTOR-PLT	1
42	620-1066-20	LOCK LINK-LR	1
43	620-1067-21	SLIDE PLATE-L	1
44	620-1068-22	SLIDE PLATE-R	1
45	620-1071-21	EJECT ARM	1
46	620-1072-20	EJECT PLATE	1
47	620-1073-20	FRONT PLATE	1
48	620-1083-20	FPC-PLATE	1
49	620-1090-20	GAP PLATE	1

NO.	PART NO.	DESCRIPTION	Q'TY
50	620-1568-20	RATTLE PLATE-F	2
51	621-0640-20	V-GEAR-G	1
52	621-0641-21	PI-HOLDER-M	1
53	621-0656-21	PI-HOLDER-V	1
54	622-1622-00	SL-G-ROLLER	2
55	622-1623-00	SL-G-ROLLER-R	2
56	622-1648-02	DU-STP-SLEEVE	1
57	622-1650-02	COV-PLATE PIN-B	2
58	622-1651-00	LOCK-RE-ROLLER	1
59	622-1652-00	LOCK-PF-ROLLER	1



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
60	716-1866-00	SCREW (M1.7 x 3)	4	73	750-3478-01	TOP-P-SP-L	2
61	716-1873-00	SCREW (M2 x 1.6)	1	74	750-3479-01	TOP-P-SP-R	1
62	716-3449-00	SCREW (M2 x 3)	15	75	750-3480-01	DR-LOCK-SP	1
63	716-3450-00	SCREW (M1.7 x 2)	4	76	750-3483-00	EJECT-A-SPRING	1
64	716-3451-00	SCREW (M1.7 x 2.5)	4	77	750-3484-01	DR-BASE-SPRING	1
65	716-3459-00	SCREW (M1.7 x 5)	1	78	750-3485-01	TENSION-SP-L	1
66	716-3466-02	SCREW	1	79	750-3486-01	LO-TENSION-SP	1
67	738-1420-17	PRECISION SCREW	2	80	750-3489-01	DRIVE-P-SPRING	1
68	743-1200-20	E-RING	2	81	750-3496-00	GAP-P-SPRING R	1
69	743-1500-10	E-RING	13	82	750-3497-00	GAP-P-SPRING L	1
70	746-0624-00	WASHER	1	83	750-6711-01	DU-STP-SPRING	1
71	746-0712-03	WASHER	1	84	750-6712-01	DR-LOCK-SP-B	1
72	746-0761-00	WASHER	1	85	347-6974-20	FPC COVER	1

CD Changer module : Drive unit section



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-514-100	CLAMPER SUB ASSY	1	17	621-0670-20	LS-HOLDER-L	1
2	SMA-185-100	SPINDLE MOTOR ASSY	1	18	621-0673-20	D-GEAR A	1
3	SMA-184-100	SLED MOTOR ASSY	1	19	621-0674-20	D-GEAR B	1
4	HBS-515-101	LS-ASSY	1	20	621-0675-20	D-GEAR C	1
5	620-1587-80	SH-SPRING	1	21	621-0683-21	DU-STOPPER	1
6	966-0622-02	D-SHIFT-P-ASSY	1	22	716-3460-00	SCREW (M1.4 x 1.8)	2
7	969-0009-00	PICK UP-ASSY	1	23	716-3470-00	SCREW (M1.7 x 3)	5
8	013-7414-50	DETECT SWITCH	1	24	738-1720-17	PRECISION SCREW	2
9	039-2015-01	P/U-FPC	1	25	738-2025-17	PRECISION SCREW	2
10	039-2016-01	M/S-FPC	1	26	716-3474-00	SCREW (M1.7 x 3)	2
11	347-6632-00	PU-SHEET	1	27	743-1500-20	E-RING	1
12	620-1078-20	PUSH PLATE	1	28	750-3487-00	SHIFT-P-SPRING	1
13	620-1080-21	PU-GUIDE PLATE	1	29	750-3504-00	CLAMP-A-SPRING	1
14	620-1081-20	SCREW PUSH-PLT	1	30	966-0619-24	DRIVE PLT-ASSY	1
15	620-1082-02	SPRING PLATE	1	31	745-0807-00	WASHER	1
16	620-1588-20	SCREW-HOL-PLT	1	32	745-0808-00	WASHER	1

# ELECTRICAL PARTS LIST

## Main PWB(B1) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
ANT101	307-0692-10	REAR PLATE	C307	183-4763-19	6.3V47uF	C621	042-0659-67	16V 10uF
BL100	941-0210-80	AM/FM TUNER	C308	168-1032-55	0.01uF	C622	042-0659-67	16V 10uF
C100	166-4701-50	47pF CH	C309	168-1032-55	0.01uF	C623	182-4763-37	16V47uF
C101	168-1042-78	16V 0.1uF	C310	168-1032-55	0.01uF	C624	183-4763-19	6.3V47uF
C102	183-1063-39	16V10uF	C400	043-0328-90	0.1uF	C625	042-0659-86	50V 1uF
C103	166-6801-50	68pF CH	C401	184-1073-59	35V100uF	C626	042-0659-86	50V 1uF
C104	168-1042-78	16V 0.1uF	C402	183-1063-69	50V10uF	C629	042-0659-86	50V 1uF
C105	183-1053-69	50V1uF	C403	184-4773-62	50V 470uF	C630	042-0659-86	50V 1uF
C106	183-6843-69	50V0.68uF	C404	184-4773-39	16V470uF	C631	168-1042-78	16V 0.1uF
C107	168-2232-55	0.022uF	C405	043-0328-90	0.1uF	C632	168-1042-78	16V 0.1uF
C108	168-1032-55	0.01uF	C406	184-4773-39	16V470uF	C633	168-1042-78	16V 0.1uF
C109	168-1032-55	0.01uF	C407	183-1053-69	50V1uF	C634	168-1042-78	16V 0.1uF
C110	168-1042-78	16V 0.1uF	C408	043-0328-90	0.1uF	C635	168-1022-55	1000pF
C111	168-2232-55	0.022uF	C409	168-1022-55	1000pF	C636	168-1022-55	1000pF
C112	166-5601-50	56pF CH	C410	043-0328-90	0.1uF	C637	168-1022-55	1000pF
C113	183-1073-29	10V100uF	C411	043-0328-90	0.1uF	C638	168-1022-55	1000pF
C114	166-1801-50	18pF CH	C412	168-1022-55	1000pF	C639	042-0660-67	16V 10uF NP
C115	166-1801-50	18pF CH	C413	043-0328-90	0.1uF	C640	042-0660-67	16V 10uF NP
C116	168-1042-78	16V 0.1uF	C414	043-0328-90	0.1uF	C641	168-3332-78	0.033uF
C117	166-1011-50	100pF CH	C415	168-1042-78	16V 0.1uF	C707	182-4763-37	16V47uF
C118	166-1011-50	100pF CH	C416	168-2232-55	0.022uF	C708	168-1042-78	16V 0.1uF
C119	042-0458-90	50V1uF	C417	168-2232-55	0.022uF	C709	183-4763-19	6.3V47uF
C120	168-2232-55	0.022uF	C418	042-0576-00	5.5V 0.1F	C710	183-4763-19	6.3V47uF
C121	182-4763-37	16V47uF	C419	043-0328-90	0.1uF	C711	042-0659-67	16V 10uF
C122	168-1022-55	1000pF	C420	182-4763-37	16V47uF	C712	042-0659-67	16V 10uF
C123	168-2232-55	0.022uF	C421	183-1063-39	16V10uF	C713	042-0659-67	16V 10uF
C124	183-1073-29	10V100uF	C422	183-1073-29	10V100uF	C714	042-0659-67	16V 10uF
C125	166-1011-50	100pF CH	C423	168-1042-78	16V 0.1uF	C715	168-2212-55	220pF
C126	166-1011-50	100pF CH	C424	182-4763-37	16V47uF	C716	168-2212-55	220pF
C127	166-1011-50	100pF CH	C425	183-1063-39	16V10uF	C719	178-2255-79	2.2uF
C128	182-4763-37	16V47uF	C426	184-2273-39	16V220uF	C720	178-2255-79	2.2uF
C129	166-1011-50	100pF CH	C427	182-4763-37	16V47uF	C721	178-2255-79	2.2uF
C130	166-4701-50	47pF CH	C428	184-2273-39	16V220uF	C722	178-2255-79	2.2uF
C132	168-2232-55	0.022uF	C500	183-1063-39	16V10uF	C723	168-1042-78	16V 0.1uF
C133	168-2232-55	0.022uF	C501	166-2201-50	22pF CH	C724	184-1073-29	10V100uF
C134	166-5601-50	56pF CH	C502	166-2201-50	22pF CH	C725	166-1811-50	180pF CH
C135	183-1063-39	16V10uF	C503	183-1063-39	16V10uF	C726	166-1811-50	180pF CH
C136	168-1022-55	1000pF	C504	168-1042-78	16V 0.1uF	C727	166-1811-50	180pF CH
C137	168-2232-55	0.022uF	C505	168-6832-78	0.068uF	C728	166-1811-50	180pF CH
C138	183-3363-29	10V33uF	C506	168-8222-55	8200pF	C729	168-1022-55	1000pF
C139	178-1242-78	0.12uF	C507	183-1063-39	16V10uF	C730	168-1022-55	1000pF
C140	168-5632-78	16V 0.056uF	C508	168-1042-78	16V 0.1uF	C731	166-1811-50	180pF CH
C141	042-0398-53	16V3.3uF TAN	C509	183-1063-39	16V10uF	C732	166-1811-50	180pF CH
C142	168-8232-78	0.082uF	C510	183-1063-39	16V10uF	C733	166-1811-50	180pF CH
C145	168-4712-55	470pF	C511	168-1042-78	16V 0.1uF	C734	166-1811-50	180pF CH
C146	168-2732-55	16V 0.027uF	C512	168-1042-78	16V 0.1uF	C735	168-1022-55	1000pF
C148	168-4712-55	470pF	C513	183-1063-39	16V10uF	C736	168-1022-55	1000pF
C149	166-5601-50	56pF CH	C514	183-1063-39	16V10uF	C738	042-0659-67	16V 10uF
C150	166-4701-50	47pF CH	C515	178-2255-79	2.2uF	C740	042-0659-67	16V 10uF
C151	168-4722-55	4700pF	C516	178-2255-79	2.2uF	C746	183-4763-19	6.3V47uF
C152	168-1032-55	0.01uF	C517	168-1022-55	1000pF	C747	166-1811-50	180pF CH
C153	168-4732-78	0.047uF	C518	168-6812-55	680pF	C748	042-0659-71	16V 100uF
C154	168-1032-55	0.01uF	C519	166-1511-50	150pF CH	C749	042-0659-71	16V 100uF
C155	168-2232-55	0.022uF	C520	168-1022-55	1000pF	C750	042-0659-71	16V 100uF
C156	183-4753-59	35V4.7uF	C521	168-6812-55	680pF	C751	042-0659-71	16V 100uF
C157	183-4753-59	35V4.7uF	C522	166-1511-50	150pF CH	C752	042-0659-71	16V 100uF
C158	178-1242-78	0.12uF	C603	178-2255-79	2.2uF	C753	042-0659-71	16V 100uF
C160	168-1532-55	0.015uF	C604	178-2255-79	2.2uF	C754	042-0659-71	16V 100uF
C161	166-8201-50	82pF CH	C605	168-4732-78	0.047uF	C755	042-0659-71	16V 100uF
C162	178-1242-78	0.12uF	C606	168-4732-78	0.047uF	C758	042-0659-71	16V 100uF
C200	168-1042-78	16V 0.1uF	C607	178-2255-79	2.2uF	C759	042-0659-71	16V 100uF
C201	183-4763-19	6.3V47uF	C608	178-2255-79	2.2uF	C760	166-1811-50	180pF CH
C207	183-1063-39	16V10uF	C612	168-2212-55	220pF	C761	168-1032-55	0.01uF
C208	184-1073-29	10V100uF	C613	168-2212-55	220pF	C762	183-2253-69	50V2.2uF
C209	168-1042-78	16V 0.1uF	C614	168-6812-55	680pF	C763	166-1007-50	10pF CH
C300	166-2201-50	22pF CH	C615	168-6812-55	680pF	C764	166-1007-50	10pF CH
C301	166-2201-50	22pF CH	C616	042-0659-67	16V 10uF	C765	166-1007-50	10pF CH
C302	168-1042-78	16V 0.1uF	C617	042-0659-67	16V 10uF	C766	166-1007-50	10pF CH
C305	168-1032-55	0.01uF	C618	168-1022-55	1000pF	C767	166-1007-50	10pF CH
C306	168-1042-78	16V 0.1uF	C619	168-1022-55	1000pF	C768	166-1007-50	10pF CH

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C769	166-1007-50	10pF CH	D902	001-0466-90	S5688B	Q407	190-1428-00	2SA1428
C770	166-1007-50	10pF CH	D903	001-0466-90	S5688B	Q408	192-3668-00	2SC3668
C771	166-1007-50	10pF CH	D904	001-0466-90	S5688B	Q409	191-1240-00	2SB1240
C772	166-1007-50	10pF CH	D905	001-2015-00	RL253	Q410	192-2712-00	2SC2712
C773	166-1007-50	10pF CH	D906	001-0516-90	MA111	Q411	103-2012-00	2SD2012
C774	166-1007-50	10pF CH	D907	001-0466-90	S5688B	Q412	193-1858-00	2SD1858
C775	166-1007-50	10pF CH	IC100	051-1282-00	TA7372P	Q413	193-2118-50	2SD2118F5
C776	166-1007-50	10pF CH	IC101	051-6212-08	LC72191JM-TLM	Q414	103-1684-00	2SD1684Q,S,T
C779	166-1007-50	10pF CH	IC102	051-4200-90	TA2051FN	Q415	190-1048-00	2SA1048
C780	166-1007-50	10pF CH	IC200	051-9400-28	BR93LC46F-WE2	Q416	125-2004-92	RN1402
C781	166-1007-50	10pF CH	IC300	051-6605-08	uPD72042BGT-E1	Q500	193-1858-00	2SD1858
C782	166-1007-50	10pF CH	IC301	051-6600-38	CA0008AM	Q501	125-2004-93	RN1403
C790	166-2201-50	22pF CH	IC302	052-3166-20	M30624MGA-171GP	Q701	191-1240-00	2SB1240
C791	166-2201-50	22pF CH	IC400	051-0869-58	NJM2103M	Q702	192-2712-00	2SC2712
C792	166-2201-50	22pF CH	IC401	051-0172-08	TC4011BF	Q703	193-1306-00	2SD1306
C793	166-2201-50	22pF CH	IC500	051-6395-08	DIR1703	Q704	125-0002-92	RN2402
C901	168-1042-78	16V 0.1uF	IC501	051-6396-08	PCM1742KE	Q705	125-0002-92	RN2402
C902	183-4753-59	35V4.7uF	IC502	051-3010-90	NJM4580E	Q800	190-1162-00	2SA1162
C903	183-4753-59	35V4.7uF	IC600	051-5027-00	LC75412WH	Q801	192-2712-00	2SC2712
C904	166-1011-50	100pF CH	IC701	051-3010-90	NJM4580E	Q802	190-1162-00	2SA1162
C909	182-4763-37	16V47uF	IC702	051-3010-90	NJM4580E	Q803	125-2004-92	RN1402
C910	183-1073-29	10V100uF	IC703	051-3010-90	NJM4580E	Q804	192-2712-00	2SC2712
C911	172-1041-15	0.1uF	IC704	051-3010-90	NJM4580E	Q807	192-2712-00	2SC2712
C912	183-1053-69	50V1uF	IC705	051-3010-90	NJM4580E	Q808	190-1162-00	2SA1162
C913	183-1063-39	16V10uF	IC706	051-3010-90	NJM4580E	Q809	125-2004-92	RN1402
C914	042-0624-00	16V 4700uF	IC708	051-3010-90	NJM4580E	Q810	125-2004-92	RN1402
C915	172-1041-15	0.1uF	IC709	051-3010-90	NJM4580E	Q901	192-2712-00	2SC2712
C916	168-1032-55	0.01uF	J201	074-1192-22	22P	Q902	193-2118-00	2SD2118
CCT300	050-0145-52	1/16W 1k ohm x4	J300	074-1194-00	13P CE-NET	Q903	191-1240-00	2SB1240
CCT301	050-0145-52	1/16W 1k ohm x4	J800	074-0895-20	20P	Q904	192-2712-00	2SC2712
D101	001-9003-90	HVU187TR	J900	074-1129-08	8P	Q905	125-0002-92	RN2402
D102	001-9003-90	HVU187TR	J901	074-1010-10	14P	Q906	125-2004-92	RN1402
D103	001-0516-90	MA111	L100	010-2003-04	30uH	Q907	125-2004-92	RN1402
D201	001-0529-33	MA8056-H	L101	010-6009-61	1.2uH	Q908	193-1858-00	2SD1858
D203	001-0347-48	MA4091H	L103	010-6009-76	22uH	Q909	190-1428-00	2SA1428
D300	001-0529-32	MA8056-M	L104	010-6009-76	22uH	Q910	192-2712-00	2SC2712
D301	001-0529-32	MA8056-M	L105	010-6004-40	2.2mH J	Q911	192-2712-51	2SC2712G,L
D302	001-0347-69	MA4180M	L200	010-6009-76	22uH	Q912	192-2712-00	2SC2712
D303	001-0347-69	MA4180M	L300	010-3407-66	22uH J	Q913	190-1048-00	2SA1048
D304	001-0347-69	MA4180M	L301	010-3407-66	22uH J	R101	119-5631-15	1/16W 56k ohm
D400	001-0504-87	HZS33-3L-TJ	L400	010-6009-76	22uH	R102	119-1031-15	1/16W 10k ohm
D401	001-0454-91	MA700A	L500	010-3407-66	22uH J	R103	119-1031-15	1/16W 10k ohm
D402	001-0454-91	MA700A	L501	010-3407-66	22uH J	R104	119-6811-15	1/16W 680 ohm
D403	001-0466-90	S5688B	P400	076-0648-12	12P	R105	119-3911-15	1/16W 390 ohm
D404	001-0466-90	S5688B	P401	076-0648-16	16P	R106	119-3331-15	1/16W 33k ohm
D405	001-0466-90	S5688B	Q100	192-2712-00	2SC2712	R107	119-1041-15	1/16W 100k ohm
D406	001-0529-25	MA8047-L	Q101	125-2004-92	RN1402	R109	119-1041-15	1/16W 100k ohm
D407	001-0516-90	MA111	Q102	192-2712-00	2SC2712	R110	119-1031-15	1/16W 10k ohm
D408	001-0516-90	MA111	Q103	125-2004-92	RN1402	R111	119-1221-15	1/16W 1.2k ohm
D409	001-0529-39	MA8068-H	Q104	192-2712-51	2SC2712G,L	R112	119-1221-15	1/16W 1.2k ohm
D410	001-0466-90	S5688B	Q105	192-2712-51	2SC2712G,L	R113	119-2221-15	1/16W 2.2k ohm
D411	001-0529-48	MA8091-H	Q106	191-1240-00	2SB1240	R114	119-0000-05	1/16W 0 ohm JW
D412	001-0504-36	HZS7 A1L	Q107	191-1240-00	2SB1240	R115	119-4721-15	1/16W 4.7k ohm
D413	001-0347-69	MA4180M	Q200	190-1428-00	2SA1428	R116	119-1041-15	1/16W 100k ohm
D414	001-0516-90	MA111	Q201	125-2004-92	RN1402	R117	119-5601-15	1/16W 56 ohm
D500	001-0529-21	MA8039-H	Q202	192-2712-00	2SC2712	R118	111-1001-98	1/4W 10 ohm
D501	001-0516-90	MA111	Q204	193-1858-00	2SD1858	R119	119-3321-15	1/16W 3.3k ohm
D700	001-0424-31	MA4180	Q205	193-1858-00	2SD1858	R120	119-6831-15	1/16W 68k ohm
D701	001-0424-31	MA4180	Q206	125-0002-92	RN2402	R121	119-2221-15	1/16W 2.2k ohm
D704	001-0424-31	MA4180	Q207	190-1428-00	2SA1428	R122	119-1021-15	1/16W 1k ohm
D705	001-0424-31	MA4180	Q208	192-2712-00	2SC2712	R123	119-4721-15	1/16W 4.7k ohm
D706	001-0424-31	MA4180	Q211	103-2012-00	2SD2012	R124	119-1041-15	1/16W 100k ohm
D707	001-0424-31	MA4180	Q212	103-2012-00	2SD2012	R125	119-5631-15	1/16W 56k ohm
D708	001-0424-31	MA4180	Q213	192-2712-00	2SC2712	R126	119-1031-15	1/16W 10k ohm
D709	001-0424-31	MA4180	Q214	125-0002-92	RN2402	R128	119-2221-15	1/16W 2.2k ohm
D710	001-0424-31	MA4180	Q215	125-2004-92	RN1402	R130	119-4731-15	1/16W 47k ohm
D711	001-0424-31	MA4180	Q300	192-2712-00	2SC2712	R131	119-1021-15	1/16W 1k ohm
D712	001-0466-90	S5688B	Q400	192-2712-00	2SC2712	R132	119-1021-15	1/16W 1k ohm
D713	001-0466-90	S5688B	Q401	193-2118-00	2SD2118	R133	119-1031-15	1/16W 10k ohm
D714	001-0516-90	MA111	Q402	192-2712-00	2SC2712	R134	119-1031-15	1/16W 10k ohm
D800	001-0529-32	MA8056-M	Q403	190-1428-00	2SA1428	R136	119-2221-15	1/16W 2.2k ohm
D801	001-0529-32	MA8056-M	Q404	192-3668-00	2SC3668	R138	119-1031-15	1/16W 10k ohm
D900	001-0347-48	MA4091H	Q405	190-1428-00	2SA1428	R140	119-1031-15	1/16W 10k ohm
D901	001-0516-90	MA111	Q406	192-3668-00	2SC3668	R141	119-1011-15	1/16W 100 ohm

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R144	119-1211-15	1/16W 120 ohm	R416	119-6831-15	1/16W 68k ohm	R722	119-1021-15	1/16W 1k ohm
R145	119-1231-15	1/16W 12k ohm	R417	119-4731-15	1/16W 47k ohm	R723	119-1021-15	1/16W 1k ohm
R146	119-6821-15	1/16W 6.8k ohm	R418	119-1231-15	1/16W 12k ohm	R724	119-1021-15	1/16W 1k ohm
R148	119-5631-15	1/16W 56k ohm	R419	119-1231-15	1/16W 12k ohm	R725	119-1531-15	1/16W 15k ohm
R150	119-3331-15	1/16W 33k ohm	R420	119-1021-15	1/16W 1k ohm	R726	119-3941-15	1/16W 390k ohm
R151	119-1221-15	1/16W 1.2k ohm	R421	119-1031-15	1/16W 10k ohm	R727	119-3941-15	1/16W 390k ohm
R155	119-0000-05	1/16W 0 ohm JW	R422	119-1021-15	1/16W 1k ohm	R730	119-1531-15	1/16W 15k ohm
R156	119-1001-15	1/16W 10 ohm	R423	119-1031-15	1/16W 10k ohm	R731	119-3321-15	1/16W 3.3k ohm
R157	119-1031-15	1/16W 10k ohm	R424	119-2221-15	1/16W 2.2k ohm	R732	119-1021-15	1/16W 1k ohm
R158	119-1221-15	1/16W 1.2k ohm	R425	119-4731-15	1/16W 47k ohm	R733	119-3321-15	1/16W 3.3k ohm
R201	119-1021-15	1/16W 1k ohm	R426	119-4731-15	1/16W 47k ohm	R734	119-1021-15	1/16W 1k ohm
R202	119-2221-15	1/16W 2.2k ohm	R427	111-1001-98	1/4W 10 ohm	R735	119-6821-15	1/16W 6.8k ohm
R205	119-5631-15	1/16W 56k ohm	R428	111-1021-98	1/4W 1k ohm	R736	119-6821-15	1/16W 6.8k ohm
R206	111-2291-98	1/4W 2.2 ohm	R429	119-6811-15	1/16W 680 ohm	R737	119-4731-15	1/16W 47k ohm
R207	111-2291-98	1/4W 2.2 ohm	R430	119-6821-15	1/16W 6.8k ohm	R738	119-4731-15	1/16W 47k ohm
R208	119-1031-15	1/16W 10k ohm	R431	119-4711-15	1/16W 470 ohm	R739	119-1021-15	1/16W 1k ohm
R209	119-3321-15	1/16W 3.3k ohm	R432	111-5621-98	1/4W 5.6k ohm	R740	119-1021-15	1/16W 1k ohm
R210	119-2231-15	1/16W 22k ohm	R433	119-4721-15	1/16W 4.7k ohm	R741	119-3321-15	1/16W 3.3k ohm
R211	119-4711-15	1/16W 470 ohm	R434	119-4721-15	1/16W 4.7k ohm	R742	119-1021-15	1/16W 1k ohm
R212	111-4711-98	1/4W 470 ohm	R435	119-4721-15	1/16W 4.7k ohm	R743	119-3321-15	1/16W 3.3k ohm
R214	119-4721-15	1/16W 4.7k ohm	R436	119-4721-15	1/16W 4.7k ohm	R744	119-1021-15	1/16W 1k ohm
R215	111-4711-98	1/4W 470 ohm	R437	119-1031-15	1/16W 10k ohm	R745	119-6821-15	1/16W 6.8k ohm
R220	111-2291-98	1/4W 2.2 ohm	R500	119-2211-15	1/16W 220 ohm	R746	119-6821-15	1/16W 6.8k ohm
R221	111-2291-98	1/4W 2.2 ohm	R501	119-0000-05	1/16W 0 ohm JW	R747	119-4731-15	1/16W 47k ohm
R222	119-4721-15	1/16W 4.7k ohm	R503	119-1051-15	1/16W 1M ohm	R748	119-4731-15	1/16W 47k ohm
R223	111-1511-88	1/2W 150 ohm	R505	119-0000-05	1/16W 0 ohm JW	R749	119-1021-15	1/16W 1k ohm
R224	119-2231-15	1/16W 22k ohm	R506	119-4731-15	1/16W 47k ohm	R750	119-1021-15	1/16W 1k ohm
R225	119-2231-15	1/16W 22k ohm	R507	119-1221-15	1/16W 1.2k ohm	R752	119-1041-15	1/16W 100k ohm
R226	119-1021-15	1/16W 1k ohm	R509	119-0000-05	1/16W 0 ohm JW	R754	119-1041-15	1/16W 100k ohm
R300	111-1811-98	1/4W 180 ohm	R511	119-1031-15	1/16W 10k ohm	R757	119-2221-15	1/16W 2.2k ohm
R301	111-1211-98	1/4W 120 ohm	R512	119-0000-05	1/16W 0 ohm JW	R759	119-1021-15	1/16W 1k ohm
R302	111-1811-98	1/4W 180 ohm	R514	119-0000-05	1/16W 0 ohm JW	R761	119-1041-15	1/16W 100k ohm
R303	119-4721-15	1/16W 4.7k ohm	R515	119-0000-05	1/16W 0 ohm JW	R762	119-2231-15	1/16W 22k ohm
R304	119-4721-15	1/16W 4.7k ohm	R516	119-0000-05	1/16W 0 ohm JW	R763	119-2731-15	1/16W 27k ohm
R305	119-2231-15	1/16W 22k ohm	R517	119-2201-15	1/16W 22 ohm	R765	119-2221-15	1/16W 2.2k ohm
R306	119-2231-15	1/16W 22k ohm	R518	119-2201-15	1/16W 22 ohm	R766	119-3321-15	1/16W 3.3k ohm
R307	111-1211-98	1/4W 120 ohm	R519	119-2201-15	1/16W 22 ohm	R767	119-3321-15	1/16W 3.3k ohm
R308	111-6801-98	1/4W 68 ohm	R520	119-2201-15	1/16W 22 ohm	R768	119-1021-15	1/16W 1k ohm
R309	119-1021-15	1/16W 1k ohm	R524	119-2221-15	1/16W 2.2k ohm	R769	119-2721-15	1/16W 2.7k ohm
R310	111-1211-98	1/4W 120 ohm	R525	119-2231-15	1/16W 22k ohm	R770	111-1001-98	1/4W 10 ohm
R312	119-4731-15	1/16W 47k ohm	R526	119-2231-15	1/16W 22k ohm	R771	111-1001-98	1/4W 10 ohm
R313	119-4721-15	1/16W 4.7k ohm	R527	119-1041-15	1/16W 100k ohm	R772	111-1001-98	1/4W 10 ohm
R314	119-4721-15	1/16W 4.7k ohm	R528	119-1041-15	1/16W 100k ohm	R773	111-1001-98	1/4W 10 ohm
R315	119-4731-15	1/16W 47k ohm	R529	119-2221-15	1/16W 2.2k ohm	R774	111-1001-98	1/4W 10 ohm
R316	119-4731-15	1/16W 47k ohm	R530	119-2231-15	1/16W 22k ohm	R775	111-1001-98	1/4W 10 ohm
R317	119-4731-15	1/16W 47k ohm	R531	119-2231-15	1/16W 22k ohm	R776	111-1001-98	1/4W 10 ohm
R318	119-4731-15	1/16W 47k ohm	R532	119-1021-15	1/16W 1k ohm	R777	111-1001-98	1/4W 10 ohm
R320	119-0000-05	1/16W 0 ohm JW	R601	119-4721-15	1/16W 4.7k ohm	R780	111-1001-98	1/4W 10 ohm
R321	119-4731-15	1/16W 47k ohm	R604	119-4721-15	1/16W 4.7k ohm	R781	111-1001-98	1/4W 10 ohm
R326	119-0000-05	1/16W 0 ohm JW	R607	119-1021-15	1/16W 1k ohm	R782	119-4731-15	1/16W 47k ohm
R327	119-0000-05	1/16W 0 ohm JW	R608	119-1031-15	1/16W 10k ohm	R783	119-1021-15	1/16W 1k ohm
R329	119-0000-05	1/16W 0 ohm JW	R609	119-1231-15	1/16W 12k ohm	R784	119-3321-15	1/16W 3.3k ohm
R332	119-0000-05	1/16W 0 ohm JW	R610	119-1231-15	1/16W 12k ohm	R785	119-1031-15	1/16W 10k ohm
R334	119-0000-05	1/16W 0 ohm JW	R611	119-1031-15	1/16W 10k ohm	R786	119-1031-15	1/16W 10k ohm
R335	119-0000-05	1/16W 0 ohm JW	R612	119-1021-15	1/16W 1k ohm	R787	111-2221-98	1/4W 2.2k ohm
R337	119-1031-15	1/16W 10k ohm	R614	119-5631-15	1/16W 56k ohm	R788	111-4711-88	1/2W 470 ohm
R339	119-1041-15	1/16W 100k ohm	R615	119-5631-15	1/16W 56k ohm	R789	119-4731-15	1/16W 47k ohm
R340	119-0000-05	1/16W 0 ohm JW	R618	119-5631-15	1/16W 56k ohm	R800	119-2231-15	1/16W 22k ohm
R400	119-4731-15	1/16W 47k ohm	R619	119-5631-15	1/16W 56k ohm	R801	119-2231-15	1/16W 22k ohm
R401	119-4731-15	1/16W 47k ohm	R622	119-1521-15	1/16W 1.5k ohm	R802	119-1041-15	1/16W 100k ohm
R402	119-4731-15	1/16W 47k ohm	R623	119-1521-15	1/16W 1.5k ohm	R803	119-1021-15	1/16W 1k ohm
R403	119-4731-15	1/16W 47k ohm	R624	119-1051-15	1/16W 1M ohm	R804	119-1021-15	1/16W 1k ohm
R404	119-2231-15	1/16W 22k ohm	R700	111-2291-98	1/4W 2.2 ohm	R805	119-4731-15	1/16W 47k ohm
R405	111-2221-98	1/4W 2.2k ohm	R711	119-2231-15	1/16W 22k ohm	R806	119-4731-15	1/16W 47k ohm
R406	119-2231-15	1/16W 22k ohm	R712	119-2731-15	1/16W 27k ohm	R807	119-4731-15	1/16W 47k ohm
R407	119-5631-15	1/16W 56k ohm	R713	119-2231-15	1/16W 22k ohm	R808	119-1021-15	1/16W 1k ohm
R408	119-5621-15	1/16W 5.6k ohm	R714	119-2731-15	1/16W 27k ohm	R810	119-2231-15	1/16W 22k ohm
R409	119-1021-15	1/16W 1k ohm	R715	119-1531-15	1/16W 15k ohm	R811	119-2231-15	1/16W 22k ohm
R410	111-2721-88	1/2W 2.7k ohm	R716	119-1531-15	1/16W 15k ohm	R812	119-1021-15	1/16W 1k ohm
R411	111-1521-98	1/4W 1.5k ohm	R717	119-1531-15	1/16W 15k ohm	R813	119-1041-15	1/16W 100k ohm
R412	119-6831-15	1/16W 68k ohm	R718	119-1531-15	1/16W 15k ohm	R814	119-4731-15	1/16W 47k ohm
R413	111-1521-98	1/4W 1.5k ohm	R719	119-1531-15	1/16W 15k ohm	R815	119-4731-15	1/16W 47k ohm
R414	111-1521-98	1/4W 1.5k ohm	R720	119-1531-15	1/16W 15k ohm	R816	119-1021-15	1/16W 1k ohm
R415	119-3341-15	1/16W 330k ohm	R721	119-1021-15	1/16W 1k ohm	R820	119-1021-15	1/16W 1k ohm

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R821	119-4731-15	1/16W 47k ohm	R923	119-3321-15	1/16W 3.3k ohm	R939	119-3331-15	1/16W 33k ohm
R822	119-4731-15	1/16W 47k ohm	R924	119-2221-15	1/16W 2.2k ohm	R940	119-4731-15	1/16W 47k ohm
R823	119-4731-15	1/16W 47k ohm	R926	119-1031-15	1/16W 10k ohm	R941	119-1031-15	1/16W 10k ohm
R824	119-1021-15	1/16W 1k ohm	R927	119-1031-15	1/16W 10k ohm	R942	111-4721-98	1/4W 4.7k ohm
R826	119-2231-15	1/16W 22k ohm	R928	119-1031-15	1/16W 10k ohm	SUP100	060-0122-91	DSP-141N-S00B
R827	119-2231-15	1/16W 22k ohm	R929	111-2221-98	1/4W 2.2k ohm	T900	009-0673-01	CHOKE
R901	119-1031-15	1/16W 10k ohm	R930	111-2221-98	1/4W 2.2k ohm	TH900	002-0222-90	PTH61G30BD
R902	119-4731-15	1/16W 47k ohm	R931	119-1031-15	1/16W 10k ohm	TM900	073-0762-90	TERMINAL
R912	119-3321-15	1/16W 3.3k ohm	R932	119-1041-15	1/16W 100k ohm	VR100	012-5203-61	220k ohm
R913	119-1031-15	1/16W 10k ohm	R933	119-4721-15	1/16W 4.7k ohm	X100	061-1066-80	7.2MHZ
R914	111-2221-98	1/4W 2.2k ohm	R934	119-4721-15	1/16W 4.7k ohm	X300	061-3039-90	6.29MHZ
R915	119-1031-15	1/16W 10k ohm	R935	119-4721-15	1/16W 4.7k ohm	X301	060-1533-90	10MHZ
R916	111-2221-98	1/4W 2.2k ohm	R936	119-4731-15	1/16W 47k ohm	X500	061-3051-90	16.92MHZ
R917	111-4711-98	1/4W 470 ohm	R937	119-4731-15	1/16W 47k ohm			
R918	111-5621-98	1/4W 5.6k ohm	R938	119-2231-15	1/16W 22k ohm			

### Switch PWB(B2) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	166-3301-50	33pF CH	D46	001-2601-90	MA728-TX	R35	119-4721-15	1/16W 4.7k ohm
C2	168-1042-78	16V 0.1uF	FL1	379-4046-24	INDICATOR(VFD)	R36	119-1821-15	1/16W 1.8k ohm
C3	043-0328-90	0.1uF	IC1	051-6050-00	LC75742E	R37	119-1821-15	1/16W 1.8k ohm
C4	043-0328-90	0.1uF	IC2	051-6059-10	ML-9203-06GA	R38	119-1821-15	1/16W 1.8k ohm
C5	178-1052-78	1uF	J1	074-1279-66	16P	R39	119-1821-15	1/16W 1.8k ohm
C6	178-2242-78	0.22uF	J2	074-1279-62	12P	R40	119-1821-15	1/16W 1.8k ohm
C7	178-1052-78	1uF	L1	010-3407-66	22uH J	R41	119-1821-15	1/16W 1.8k ohm
D1	001-2403-90	M1F60	L2	010-3407-66	22uH J	R42	119-1821-15	1/16W 1.8k ohm
D2	001-2403-90	M1F60	Q1	192-2712-00	2SC2712	R43	119-1821-15	1/16W 1.8k ohm
D3	001-2403-90	M1F60	Q2	192-2712-00	2SC2712	R44	119-1821-15	1/16W 1.8k ohm
D4	001-2403-90	M1F60	Q3	192-2712-00	2SC2712	R45	119-1821-15	1/16W 1.8k ohm
D5	001-7048-91	RFR1112H-22	Q4	192-2712-00	2SC2712	R46	119-1821-15	1/16W 1.8k ohm
D6	001-7048-91	RFR1112H-22	Q5	192-2712-00	2SC2712	R47	119-1821-15	1/16W 1.8k ohm
D7	001-7048-91	RFR1112H-22	Q6	192-2712-00	2SC2712	R48	119-1821-15	1/16W 1.8k ohm
D8	001-7048-91	RFR1112H-22	Q7	192-2712-00	2SC2712	R49	119-1821-15	1/16W 1.8k ohm
D9	001-7048-91	RFR1112H-22	Q8	192-2873-00	2SC2873	R50	119-1821-15	1/16W 1.8k ohm
D10	001-7048-91	RFR1112H-22	Q9	192-2873-00	2SC2873	R51	119-1821-15	1/16W 1.8k ohm
D11	001-7048-91	RFR1112H-22	Q10	125-2004-92	RN1402	R52	119-1821-15	1/16W 1.8k ohm
D12	001-7048-91	RFR1112H-22	Q11	125-2004-92	RN1402	R53	119-1821-15	1/16W 1.8k ohm
D14	001-7048-91	RFR1112H-22	R1	119-4731-15	1/16W 47k ohm	R54	119-6821-15	1/16W 6.8k ohm
D15	001-7048-91	RFR1112H-22	R2	119-1001-15	1/16W 10 ohm	R55	119-6821-15	1/16W 6.8k ohm
D17	001-7048-91	RFR1112H-22	R3	119-1021-15	1/16W 1k ohm	R56	119-8221-15	1/16W 8.2k ohm
D18	001-7048-91	RFR1112H-22	R4	119-1231-15	1/16W 12k ohm	R59	119-2221-15	1/16W 2.2k ohm
D19	001-7048-91	RFR1112H-22	R6	119-5621-15	1/16W 5.6k ohm	R61	119-5621-15	1/16W 5.6k ohm
D20	001-7048-91	RFR1112H-22	R7	119-5621-15	1/16W 5.6k ohm	R62	119-5621-15	1/16W 5.6k ohm
D21	001-7048-91	RFR1112H-22	R9	119-3921-15	1/16W 3.9k ohm	R63	119-6811-15	1/16W 680 ohm
D22	001-7048-91	RFR1112H-22	R10	119-4721-15	1/16W 4.7k ohm	R64	119-2221-15	1/16W 2.2k ohm
D23	001-7048-91	RFR1112H-22	R11	119-4721-15	1/16W 4.7k ohm	R65	119-1031-15	1/16W 10k ohm
D26	001-7048-91	RFR1112H-22	R12	119-5621-15	1/16W 5.6k ohm	R66	119-1031-15	1/16W 10k ohm
D27	001-7048-91	RFR1112H-22	R13	119-5621-15	1/16W 5.6k ohm	R67	119-1031-15	1/16W 10k ohm
D28	001-7048-91	RFR1112H-22	R15	119-3921-15	1/16W 3.9k ohm	R68	119-4721-15	1/16W 4.7k ohm
D29	001-7048-91	RFR1112H-22	R16	119-4721-15	1/16W 4.7k ohm	R69	119-1031-15	1/16W 10k ohm
D31	001-7048-91	RFR1112H-22	R17	119-4721-15	1/16W 4.7k ohm	R70	119-4721-15	1/16W 4.7k ohm
D32	001-7048-91	RFR1112H-22	R18	119-3921-15	1/16W 3.9k ohm	R71	119-1031-15	1/16W 10k ohm
D33	001-7048-91	RFR1112H-22	R19	119-4721-15	1/16W 4.7k ohm	R72	119-4721-15	1/16W 4.7k ohm
D34	001-7048-91	RFR1112H-22	R20	119-4721-15	1/16W 4.7k ohm	R73	119-1031-15	1/16W 10k ohm
D35	001-7043-91	CL-170UR-CD	R21	119-3921-15	1/16W 3.9k ohm	R74	119-4721-15	1/16W 4.7k ohm
D36	001-7043-91	CL-170UR-CD	R22	119-4721-15	1/16W 4.7k ohm	R75	119-1031-15	1/16W 10k ohm
D37	001-7043-91	CL-170UR-CD	R23	119-4721-15	1/16W 4.7k ohm	R76	119-4721-15	1/16W 4.7k ohm
D38	001-7043-91	CL-170UR-CD	R27	119-3921-15	1/16W 3.9k ohm	R77	119-1031-15	1/16W 10k ohm
D39	001-7043-91	CL-170UR-CD	R28	119-4721-15	1/16W 4.7k ohm	R78	119-4721-15	1/16W 4.7k ohm
D40	001-7043-91	CL-170UR-CD	R29	119-4721-15	1/16W 4.7k ohm	S1	013-7415-50	DETECTOR-SW
D41	001-7040-90	NSCB100	R30	119-3921-15	1/16W 3.9k ohm	VR1	016-0025-01	VR W/SHAFT
D42	001-7040-90	NSCB100	R31	119-4721-15	1/16W 4.7k ohm	VR2	016-9900-91	VR W/SHAFT
D43	001-0516-90	MA111	R32	119-4721-15	1/16W 4.7k ohm	X1	060-1506-50	CSTCC4.00MG0H6
D44	001-0529-24	MA8043-H	R33	119-3921-15	1/16W 3.9k ohm			
D45	001-0529-42	MA8075-H	R34	119-4721-15	1/16W 4.7k ohm			

CD changer mechanism  
CD Main PWB(B3) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C101	168-1045-56	0.1uF	IC504	051-1407-90	NJM4556AM	R122	033-2241-15	1/16W 220k ohm
C102	046-1032-78	0.01uF	J101	074-1189-95	45P	R126	033-2221-15	1/16W 2.2k ohm
C104	163-1073-15	6.3V 100uF	J102	074-1191-22	22P	R127	033-2221-15	1/16W 2.2k ohm
C106	163-1063-35	16V 10uF	L101	010-3071-65	18uH	R128	033-1021-15	1/16W 1k ohm
C107	163-1073-15	6.3V 100uF	L102	010-3407-68	33uH	R129	033-1021-15	1/16W 1k ohm
C108	168-1042-78	16V 0.1uF	P101	076-0478-55	PLUG	R130	033-2221-15	1/16W 2.2k ohm
C109	168-1042-78	16V 0.1uF	Q101	125-2004-92	RN1402	R502	033-4731-15	1/16W 47k ohm
C110	168-1042-78	16V 0.1uF	Q102	131-1188-50	2SB1188PQR	R503	033-4731-15	1/16W 47k ohm
C111	163-1073-35	16V 100uF	Q103	193-1758-00	2SD1758TK-P,Q,R	R505	119-4731-15	1/10W 47k ohm
C112	168-2722-55	2700pF	Q104	193-1758-00	2SD1758TK-P,Q,R	R506	033-1041-15	1/16W 100k ohm
C113	163-2263-35	16V 22uF	Q105	125-0014-92	DTA114EK	R507	033-0000-05	1/16W 0 ohm
C114	163-2263-35	16V 22uF	Q106	125-2004-92	RN1402	R512	050-0145-54	1/16W 47k ohmx4
C115	046-3312-58	330pF	Q505	125-2004-92	RN1402	R513	033-1041-15	1/16W 100k ohm
C116	046-3312-58	330pF	Q506	125-0014-92	DTA114EK	R514	033-2241-15	1/16W 220k ohm
C117	045-1011-50	100pF	Q507	125-0002-92	RN2402	R515	033-2241-15	1/16W 220k ohm
C118	045-1011-50	100pF	Q508	192-2712-00	2SC2712	R516	033-2241-15	1/16W 220k ohm
C119	168-2722-55	2700pF	Q509	125-2004-92	RN1402	R517	033-1041-15	1/16W 100k ohm
C120	046-1022-58	1000pF	R101	119-4711-15	1/10W 470 ohm	R518	033-2241-15	1/16W 220k ohm
C121	163-2263-35	16V 22uF	R102	033-2231-15	1/16W 22k ohm	R519	033-0000-05	1/16W 0 ohm
C122	046-1022-58	1000pF	R103	119-1821-15	1/10W 1.8k ohm	R522	033-1041-15	1/16W 100k ohm
C123	163-2263-35	16V 22uF	R104	033-1831-15	1/16W 18k ohm	R524	033-1041-15	1/16W 100k ohm
C124	042-0403-55	16V 33uF	R105	116-1211-15	1/4W 120 ohm	R526	033-4731-15	1/16W 47k ohm
C125	042-0403-55	16V 33uF	R107	033-4731-15	1/16W 47k ohm	R529	033-1021-15	1/16W 1k ohm
C502	168-1045-56	0.1uF	R108	119-1031-15	1/10W 10k ohm	R531	033-1021-15	1/16W 1k ohm
C503	046-1032-78	0.01uF	R109	119-1031-15	1/10W 10k ohm	R532	033-1021-15	1/16W 1k ohm
C504	168-1045-56	0.1uF	R110	033-4741-15	1/16W 470k ohm	R533	033-1021-15	1/16W 1k ohm
C506	046-1032-78	0.01uF	R111	033-4741-15	1/16W 470k ohm	R535	033-2231-15	1/16W 22k ohm
C507	046-1032-78	0.01uF	R112	033-2731-15	1/16W 27k ohm	R536	033-2231-15	1/16W 22k ohm
D103	001-0504-07	HZS4BLL	R113	033-2731-15	1/16W 27k ohm	R538	033-1031-15	1/16W 10k ohm
D104	001-0516-90	MA111	R114	033-2731-15	1/16W 27k ohm	R539	033-5631-15	1/16W 56k ohm
D105	001-0529-31	MA8056-L	R115	033-2731-15	1/16W 27k ohm	R540	033-1041-15	1/16W 100k ohm
D106	001-2601-90	MA728-TX	R116	033-5611-15	1/16W 560 ohm	R541	033-1021-15	1/16W 1k ohm
D107	001-2601-90	MA728-TX	R117	033-5611-15	1/16W 560 ohm	R542	033-4721-15	1/16W 4.7k ohm
IC501	051-9400-28	BR93LC46F-WE2	R118	033-4731-15	1/16W 47k ohm	R546	033-1031-15	1/16W 10k ohm
IC502	052-5047-12	M30621MCM-1K2GP	R119	033-4731-15	1/16W 47k ohm	X501	060-1505-50	10MHz

CD PWB(B4) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	045-1201-50	12pF	C34	168-2732-55	16V 0.027uF	R7	033-1041-15	1/16W 100k ohm
C2	046-1022-58	1000pF	C35	178-2742-78	0.27uF	R8	033-5611-15	1/16W 560 ohm
C3	168-1042-78	16V 0.1uF	C36	178-1052-78	1uF	R9	033-5611-15	1/16W 560 ohm
C4	042-0636-54	4V 220uF	C37	168-1042-78	16V 0.1uF	R10	033-1011-15	1/16W 100 ohm
C5	168-1042-78	16V 0.1uF	C38	042-0472-91	16V 47uF	R11	033-3911-15	1/16W 390 ohm
C6	046-1032-78	0.01uF	C39	042-0636-50	6.3V 100uF	R12	033-2221-15	1/16W 2.2k ohm
C7	168-1042-78	16V 0.1uF	C40	045-1211-50	120pF	R13	033-6831-15	1/16W 68k ohm
C8	178-4742-78	0.47uF	C41	045-5601-50	56pF	R14	033-5621-15	1/16W 5.6k ohm
C9	178-2242-78	0.22uF	C42	168-1042-78	16V 0.1uF	R15	033-1021-15	1/16W 1k ohm
C10	168-1042-78	16V 0.1uF	C43	042-0636-52	4V 47uF	R16	033-5631-15	1/16W 56k ohm
C11	168-1042-78	16V 0.1uF	C50	168-1042-78	16V 0.1uF	R17	033-1031-15	1/16W 10k ohm
C12	168-1042-78	16V 0.1uF	C51	168-1042-78	16V 0.1uF	R18	033-1031-15	1/16W 10k ohm
C13	046-2232-78	0.022uF	C60	168-5612-55	560pF	R19	033-5621-15	1/16W 5.6k ohm
C14	168-5612-55	560pF	C61	045-1201-50	12pF	R20	033-6831-15	1/16W 68k ohm
C15	168-1042-78	16V 0.1uF	D1	001-0516-90	MA111	R21	033-5621-15	1/16W 5.6k ohm
C16	046-2212-58	220pF	IC1	051-6365-00	MN662785TBUC	R22	033-1031-15	1/16W 10k ohm
C17	046-2212-58	220pF	IC2	051-9318-00	MSM51V17400D	R23	033-1031-15	1/16W 10k ohm
C18	168-1222-55	1200pF	IC3	051-6060-08	BD7961FM-E2	R24	033-4731-15	1/16W 47k ohm
C19	046-3322-58	3300pF	IC4	051-5711-90	AN8882SB-E1	R25	033-3931-15	1/16W 39k ohm
C20	168-3932-78	0.039uF	J1	074-1189-95	45P	R26	033-6831-15	1/16W 68k ohm
C21	168-3932-78	0.039uF	J4	074-1138-56	6P	R27	033-6831-15	1/16W 68k ohm
C22	042-0416-52	10V 10uFTAN	J5	074-1201-65	15P	R28	033-1031-15	1/16W 10k ohm
C23	045-1201-50	12pF	J6	074-1059-76	26P	R29	033-2201-15	1/16W 22 ohm
C25	178-1052-78	1uF	L2	010-2155-93	10uH	R31	033-8211-15	1/16W 820 ohm
C26	042-0472-91	16V 47uF	Q2	131-1188-00	2SB1188	R32	033-5631-15	1/16W 56k ohm
C27	178-3342-78	0.33uF	Q3	131-1188-00	2SB1188	R33	033-6831-15	1/16W 68k ohm
C29	168-2732-55	16V 0.027uF	R2	033-1041-15	1/16W 100k ohm	R34	033-3331-15	1/16W 33k ohm
C30	042-0416-58	4V 100uF	R3	033-3311-15	1/16W 330 ohm	R35	033-6831-15	1/16W 68k ohm
C31	042-0636-52	4V 47uF	R4	033-6811-15	1/16W 680 ohm	R38	033-3931-15	1/16W 39k ohm
C32	046-1022-58	1000pF	R5	033-1041-15	1/16W 100k ohm	R39	033-1831-15	1/16W 18k ohm
C33	046-6822-58	6800pF	R6	033-3931-15	1/16W 39k ohm	R40	117-1001-15	1/8W 10 ohm

REF No.	PART No.	DESCRIPTION
R41	033-6821-15	1/16W 6.8k ohm
R42	033-6821-15	1/16W 6.8k ohm
R43	033-1241-15	1/16W 120k ohm
R44	033-6831-15	1/16W 68k ohm

REF No.	PART No.	DESCRIPTION
R45	116-4711-15	1/4W 470 ohm
R46	117-1811-15	1/8W 180 ohm
R47	116-4711-15	1/4W 470 ohm
R48	033-1031-15	1/16W 10k ohm

REF No.	PART No.	DESCRIPTION
R49	033-1011-15	1/16W 100 ohm
R60	033-1031-15	1/16W 10k ohm
TM1	073-0768-90	TERMINAL
X2	061-3525-90	33.8688MHz

#### Sensor PWB(B5) section

REF No.	PART No.	DESCRIPTION
PT3	060-0252-01	PT4850F
PT4	060-0252-01	PT4850F
PT5	060-0252-01	PT4850F

REF No.	PART No.	DESCRIPTION
PT6	060-0252-01	PT4850F
S1	013-7414-50	SPVG22

#### PIM-FPC(B6) section

REF No.	PART No.	DESCRIPTION
IC5	051-5806-02	GPIS95

#### Driver PWB(B7) section

REF No.	PART No.	DESCRIPTION
C1	168-1045-56	0.1uF
C2	163-1073-35	16V100uF
D1	001-0529-32	MA8056-M
IC1	051-6044-18	BA6920FP-Y

REF No.	PART No.	DESCRIPTION
J1	074-1239-76	26P
J2	074-1100-59	9P
R1	033-1021-15	1/16W 1k ohm
R2	032-0104-59	1/4W 2.2 ohm

REF No.	PART No.	DESCRIPTION
R3	032-0104-59	1/4W 2.2 ohm
S1	013-7412-50	SPVG21

#### PIV-FPC(B8) section

REF No.	PART No.	DESCRIPTION
IC6	051-5806-01	GPIS93

#### LED-L-PWB(B9) section

REF No.	PART No.	DESCRIPTION
LED3	001-7042-00	GL4800
LED4	001-7042-00	GL4800

#### LED-R-PWB(B10) section

REF No.	PART No.	DESCRIPTION
LED5	001-7042-00	GL4800
LED6	001-7042-00	GL4800

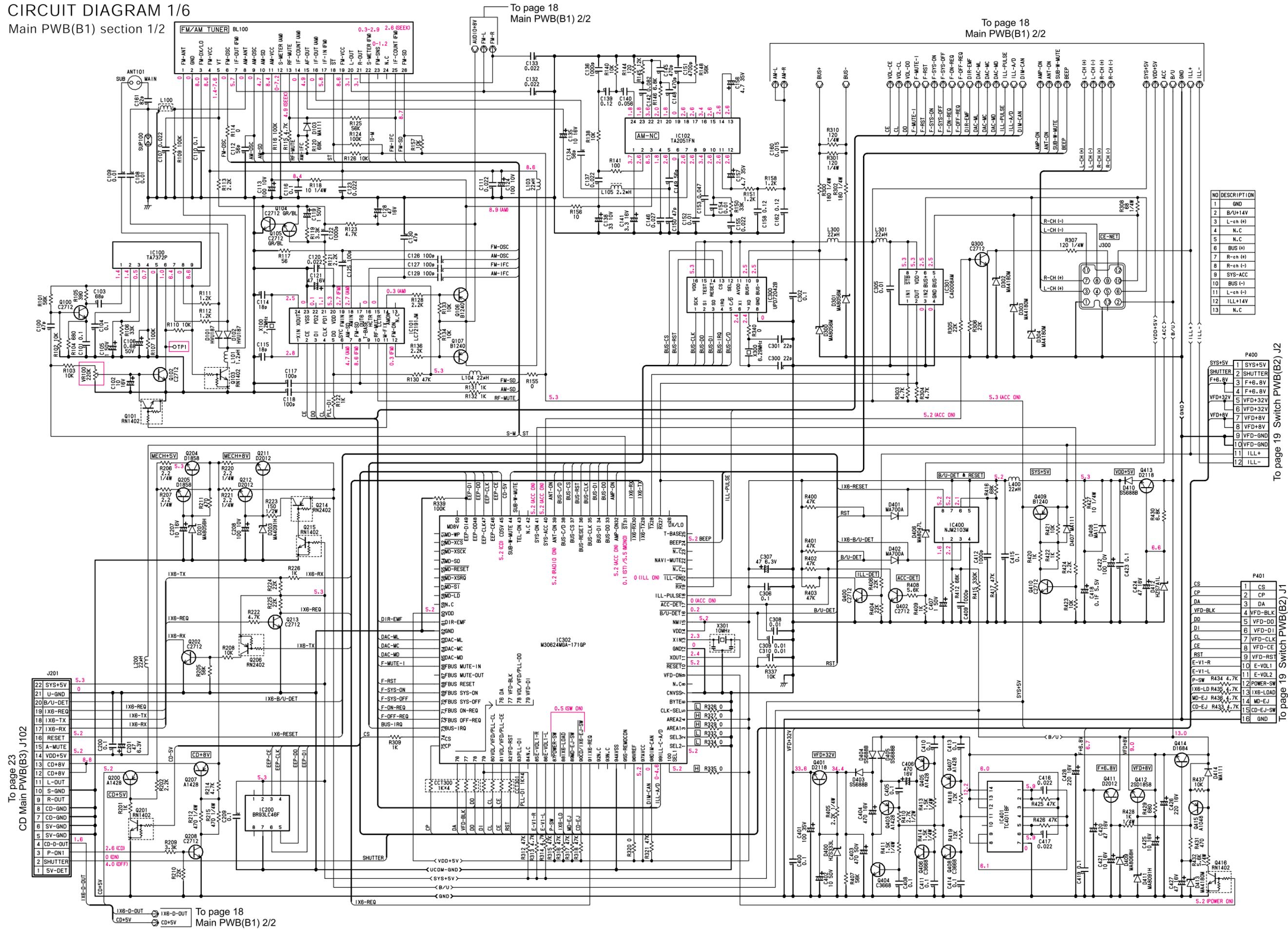
#### L-Motor-FPC(B11) section

REF No.	PART No.	DESCRIPTION
M1	SMA-186-100	LOADING

#### M/S-FPC(B12) section

REF No.	PART No.	DESCRIPTION
M2	SMA-185-100	SPINDLE
M3	SMA-184-100	SLED
S2	013-7414-50	SPVG22

CIRCUIT DIAGRAM 1/6  
Main PWB(B1) section 1/2



To page 23  
CD Main PWB(B3) J102

22	SV-DET	0
21	SHUTTER	0.00
20	SV-GND	0.00
19	CD+V	2.6 (CD)
18	CD-GND	4.0 (OFF)
17	SV-GND	0
16	CD+V	0
15	CD-GND	0
14	CD+V	0
13	CD-GND	0
12	CD+V	0
11	CD-GND	0
10	CD+V	0
9	CD-GND	0
8	CD+V	0
7	CD-GND	0
6	CD+V	0
5	CD-GND	0
4	CD+V	0
3	CD-GND	0
2	CD+V	0
1	CD-GND	0

1	ILL+	ILL+
2	ILL-	ILL-
3	ILL+	ILL+
4	ILL-	ILL-
5	ILL+	ILL+
6	ILL-	ILL-
7	ILL+	ILL+
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9	ILL+	ILL+
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13	ILL+	ILL+
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15	ILL+	ILL+
16	ILL-	ILL-

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11	ILL+	ILL+
12	ILL-	ILL-
13	ILL+	ILL+
14	ILL-	ILL-
15	ILL+	ILL+
16	ILL-	ILL-

NO	DESCRIPTION
1	GND
2	B/U+14V
3	L-eh (+)
4	L-CH (-)
5	N.C
6	BUS (+)
7	R-eh (+)
8	R-eh (-)
9	SYS-ACC
10	BUS (-)
11	L-eh (-)
12	ILL+14V
13	N.C

NO	DESCRIPTION
1	SYS+5V
2	SHUTTER
3	F+6.8V
4	F+6.8V
5	VFD+32V
6	VFD+32V
7	VFD+8V
8	VFD+8V
9	VFD-GND
10	VFD-GND
11	ILL+
12	ILL-

NO	DESCRIPTION
1	CS
2	CP
3	DA
4	VFD-BLK
5	VFD-DD
6	VFD-DI
7	VFD-CLK
8	VFD-CE
9	VFD-RST
10	E-VOL-L
11	E-VOL2
12	POWER-SW
13	IX8-LOAD
14	MD-EJ
15	CD-EJ-SW
16	GND

NO	DESCRIPTION
1	CS
2	CP
3	DA
4	VFD-BLK
5	VFD-DD
6	VFD-DI
7	VFD-CLK
8	VFD-CE
9	VFD-RST
10	E-VOL-L
11	E-VOL2
12	POWER-SW
13	IX8-LOAD
14	MD-EJ
15	CD-EJ-SW
16	GND

To page 19 Switch PWB(B2) J2

To page 19 Switch PWB(B2) J1

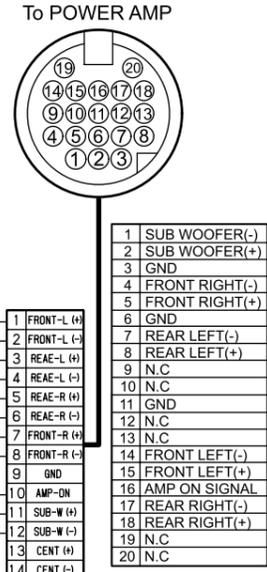
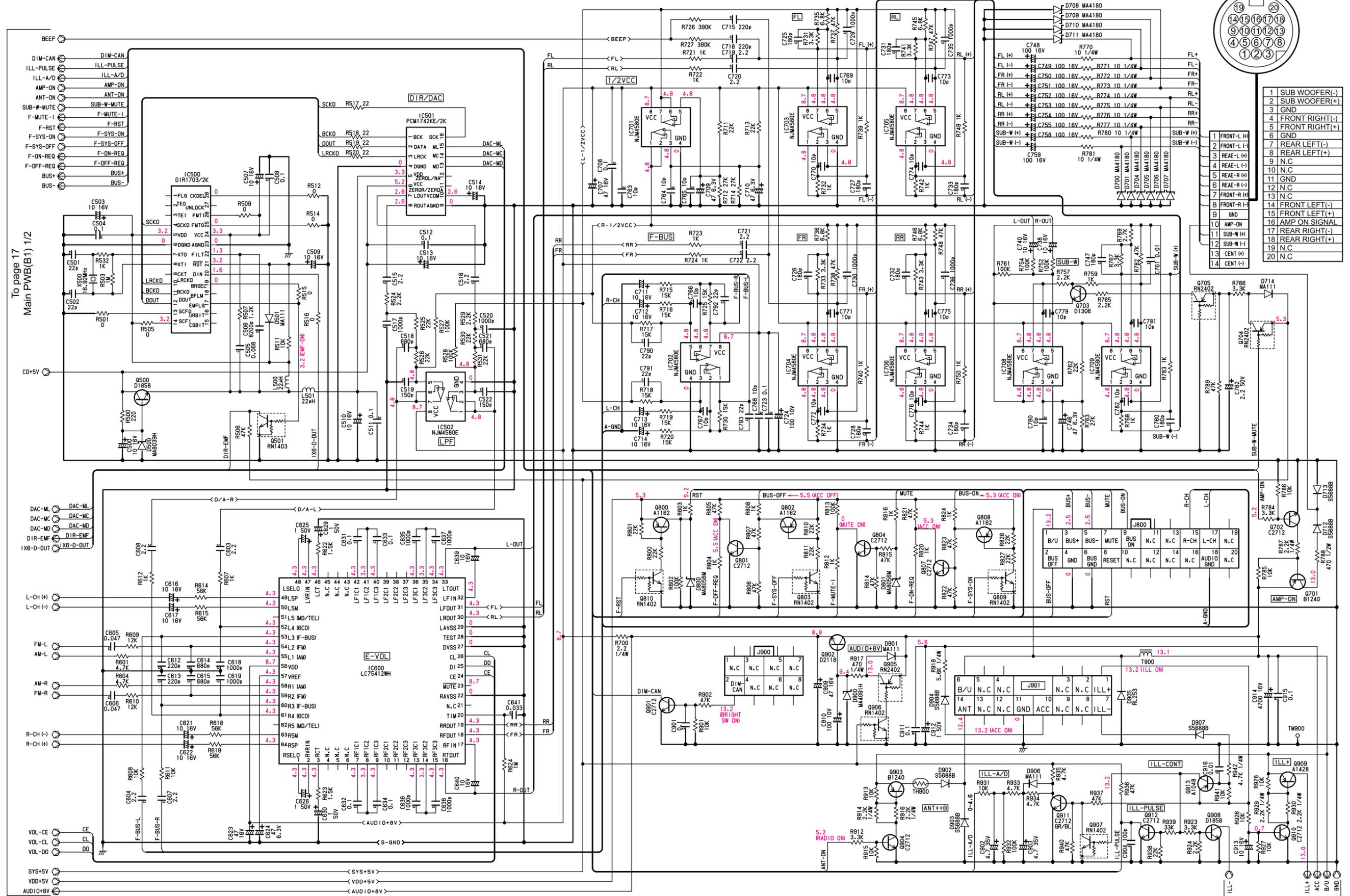
To page 18  
Main PWB(B1) 2/2

To page 18  
Main PWB(B1) 2/2

To page 18  
Main PWB(B1) 2/2

CIRCUIT DIAGRAM 2/6

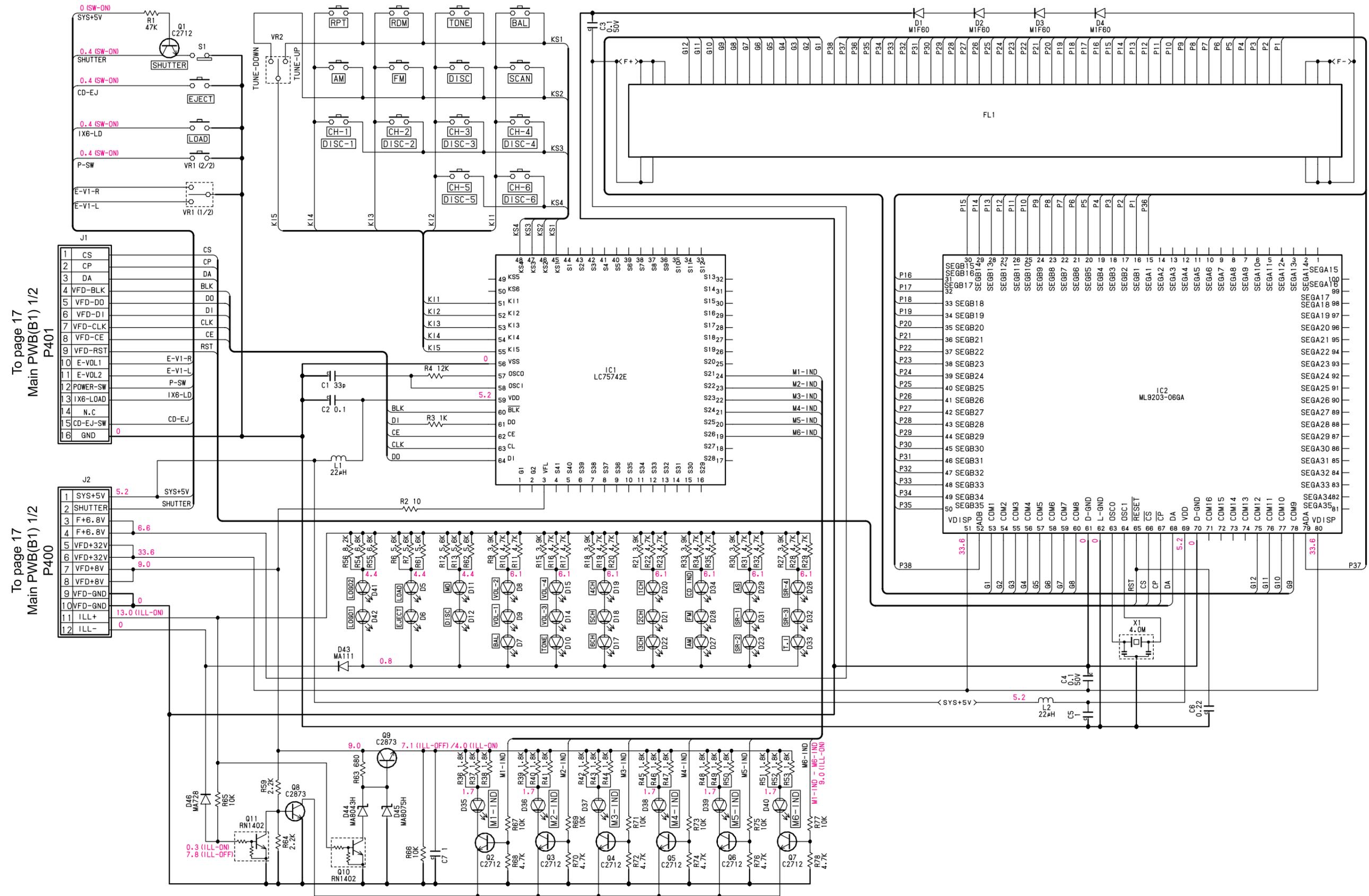
Main PWB(B1) section 2/2



To page 17  
Main PWB(B1) 1/2

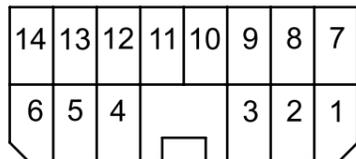
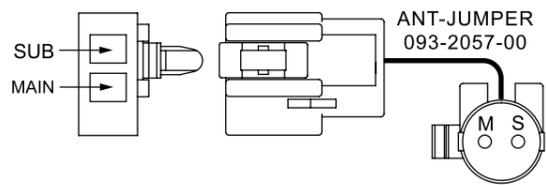
To page 17  
Main PWB(B1) 1/2

CIRCUIT DIAGRAM 3/6  
Switch PWB(B2) section

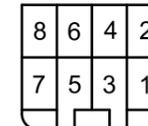
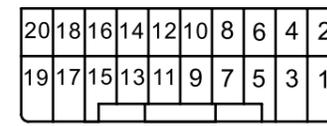


PRINTED WIRING BOARD 1/4

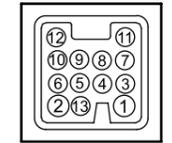
Main PWB(B1) section 1/2  
(Component side)



To POWER AMP  
DIN 20P



CeNET 13P



J901

1	ILLUMI(+)	8	N.C
2	N.C	9	N.C
3	N.C	10	ACC
4	N.C	11	GND
5	N.C	12	N.C
6	BACK UP	13	N.C
7	ILLUMI(-)	14	AUTO ANT

DIN 20P

1	SUB WOOFER(-)	11	GND
2	SUB WOOFER(+)	12	N.C
3	GND	13	N.C
4	FRONT RIGHT(-)	14	FRONT LEFT(-)
5	FRONT RIGHT(+)	15	FRONT LEFT(+)
6	GND	16	AMP ON SIGNAL
7	REAR LEFT(-)	17	REAR RIGHT(-)
8	REAR LEFT(+)	18	REAR RIGHT(+)
9	N.C	19	N.C
10	N.C	20	N.C

J800

1	BACK UP	11	N.C
2	BUS OFF	12	N.C
3	BUS(+)	13	N.C
4	GND	14	N.C
5	BUS(-)	15	AUDIO R-ch
6	BUS GND	16	N.C
7	MUTE	17	AUDIO L-ch
8	RESET	18	AUDIO GND
9	BUS ON	19	N.C
10	N.C	20	N.C

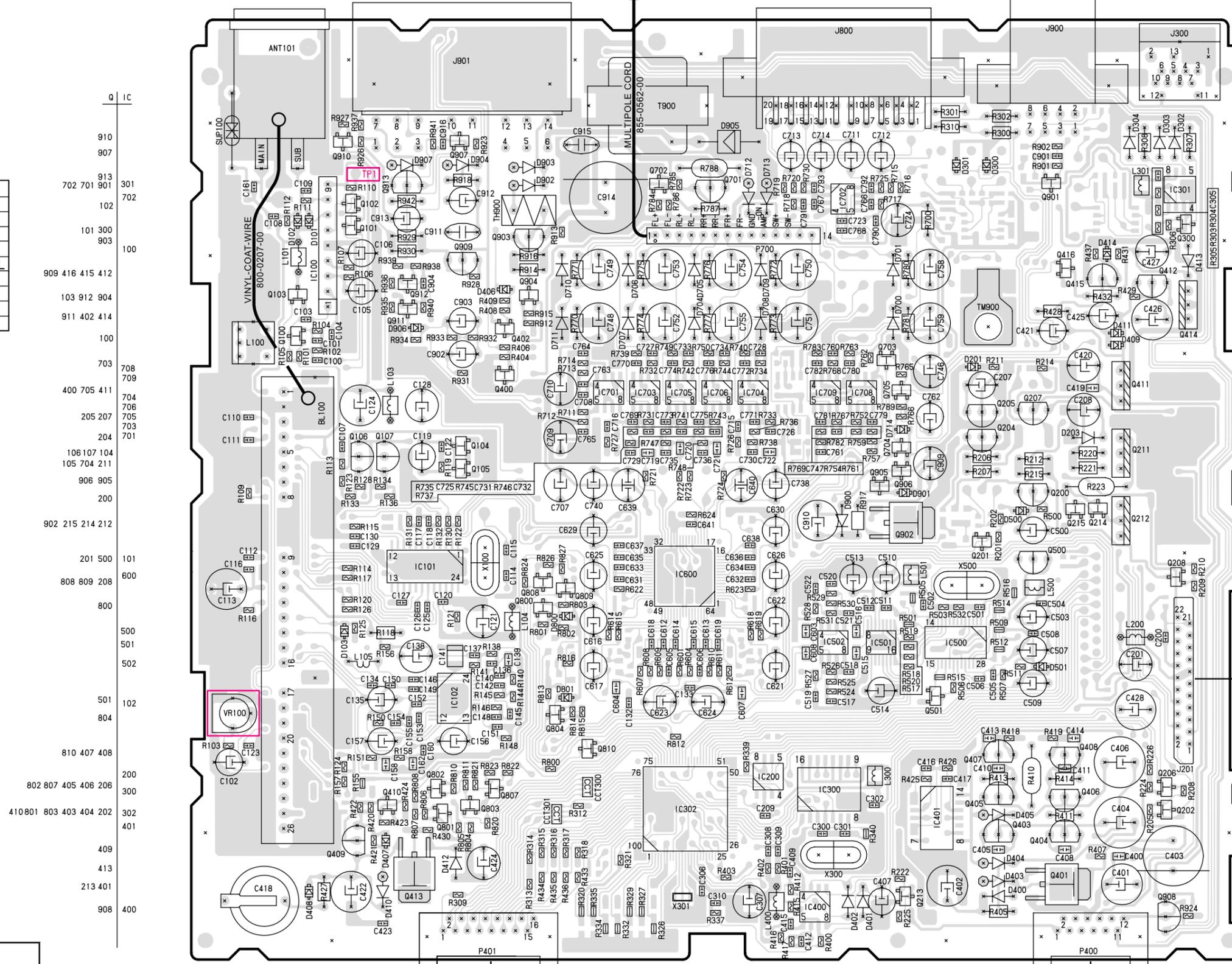
J900

1	N.C
2	DIMMER CANCEL
3	N.C
4	N.C
5	N.C
6	N.C
7	N.C
8	N.C

J300

1	GND
2	B/U +14V
3	L-ch(+)
4	N.C
5	N.C
6	BUS(+)
7	R-ch(+)
8	R-ch(-)
9	SYS ACC
10	BUS(-)
11	L-ch(-)
12	ILLUMI+14V
13	N.C

Caution:  
COMPONENT SIDE: Parts on the component side seen from the component side are indicated.



VR100 FM Diversity TP1

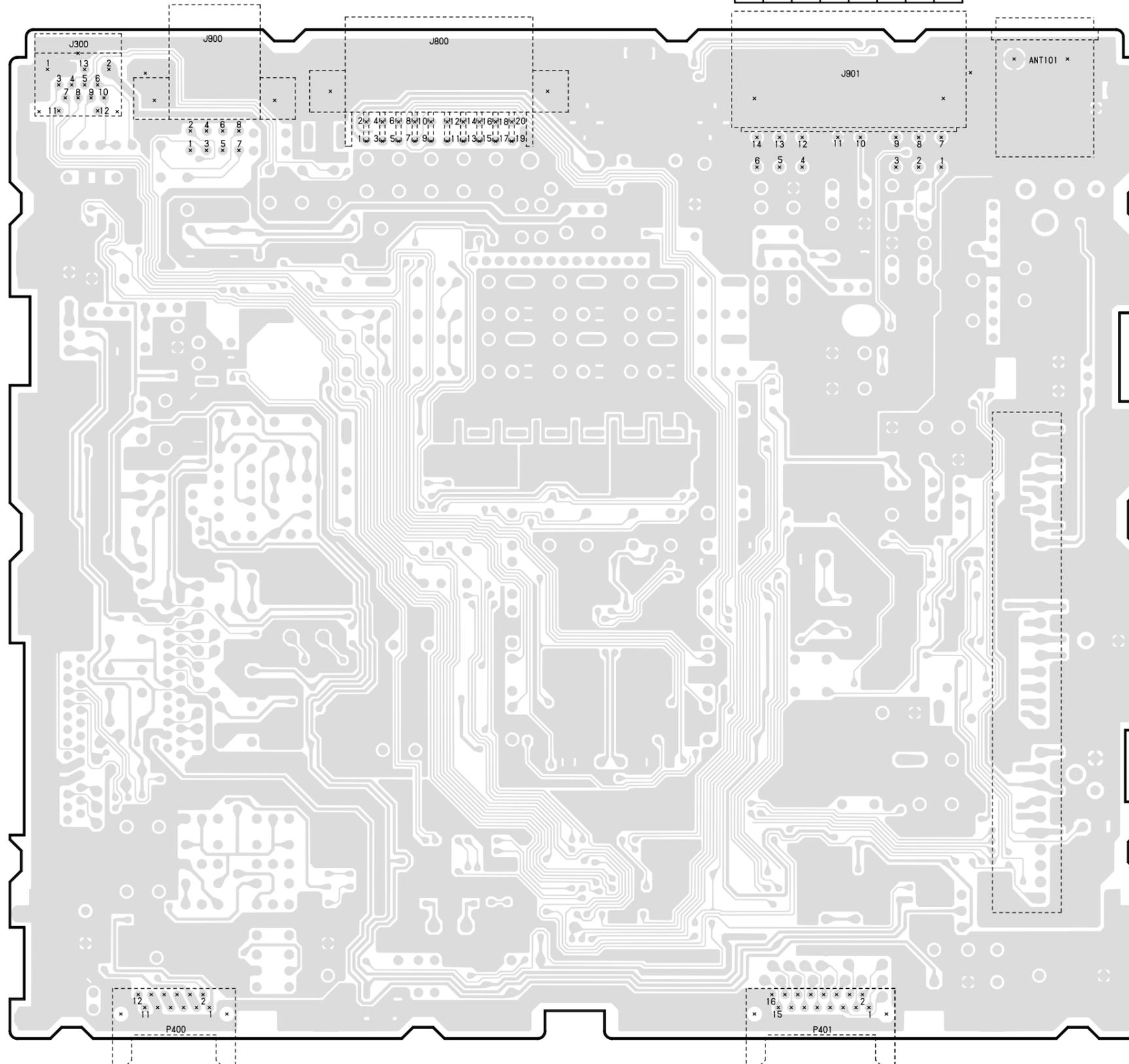
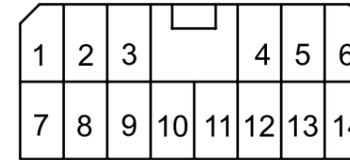
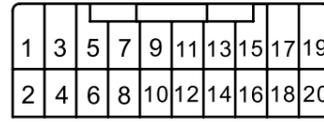
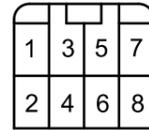
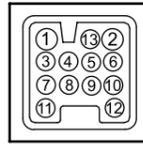
To page 22  
Switch PWB(B2) J1

To page 22  
Switch PWB(B2) J2

FLAT WIRE 816-2563-01  
To page 26  
CD changer mechanism  
CD Main PWB(B3) J102

PRINTED WIRING BOARD 2/4

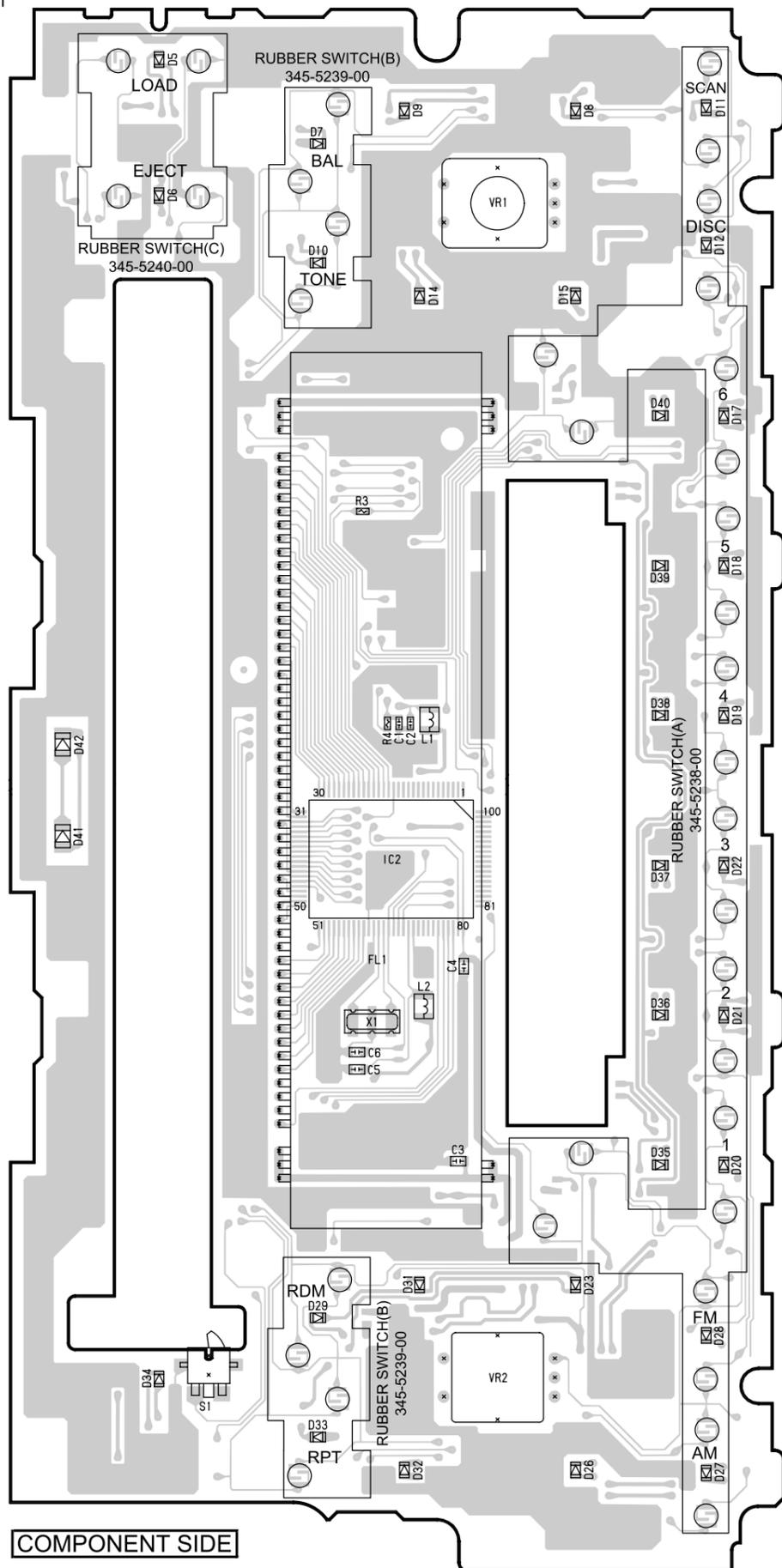
Main PWB(B1) section 2/2  
(Solder side)



Caution:  
SOLDER SIDE: Parts on the solder side seen from the solder side are indicated.

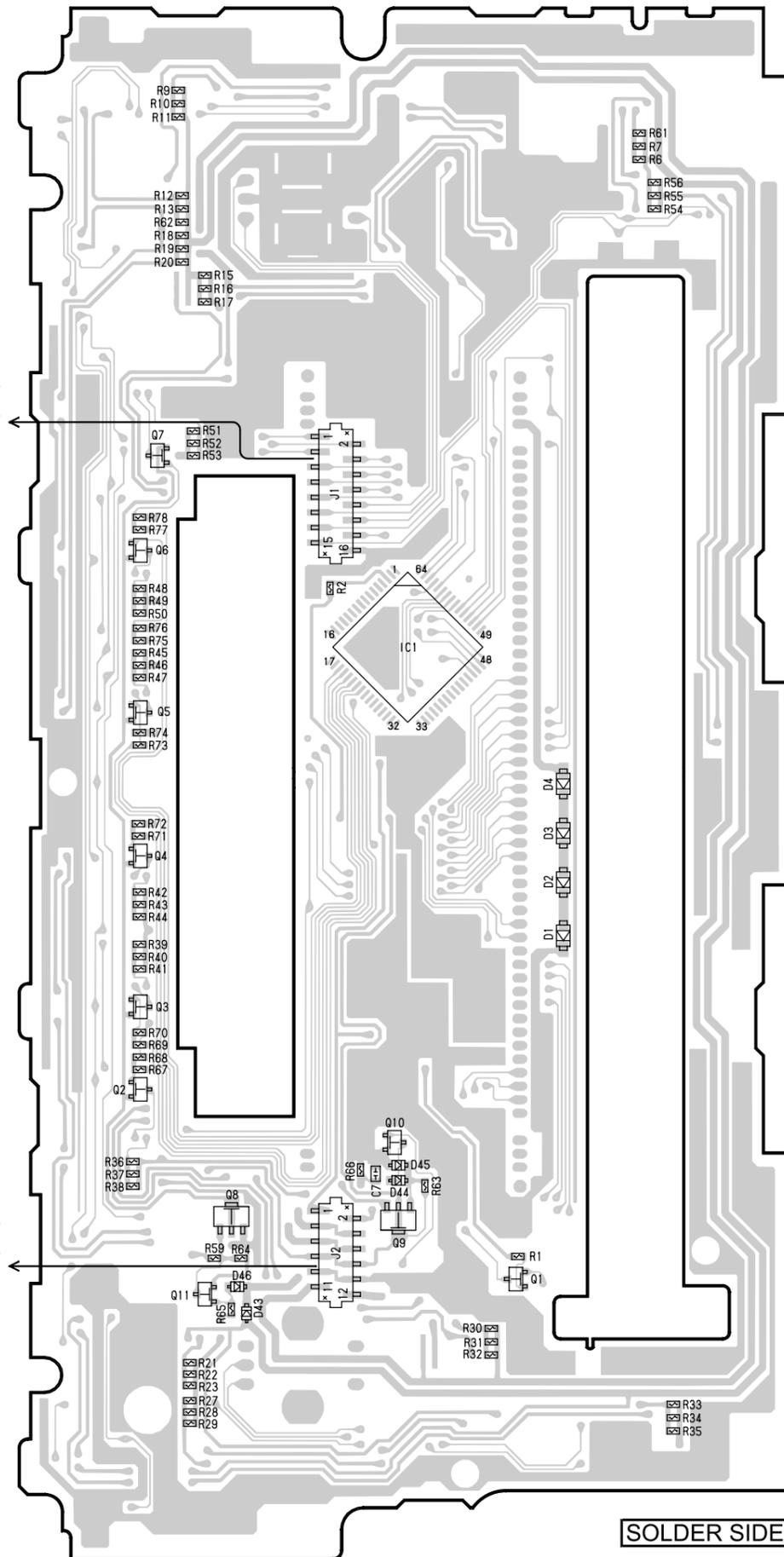
PRINTED WIRING BOARD 3/4

Switch PWB(B2) section



Caution:  
COMPONENT SIDE: Parts on the component side seen from the component side are indicated.

COMPONENT SIDE



Caution:  
SOLDER SIDE: Parts on the solder side seen from the solder side are indicated.

SOLDER SIDE

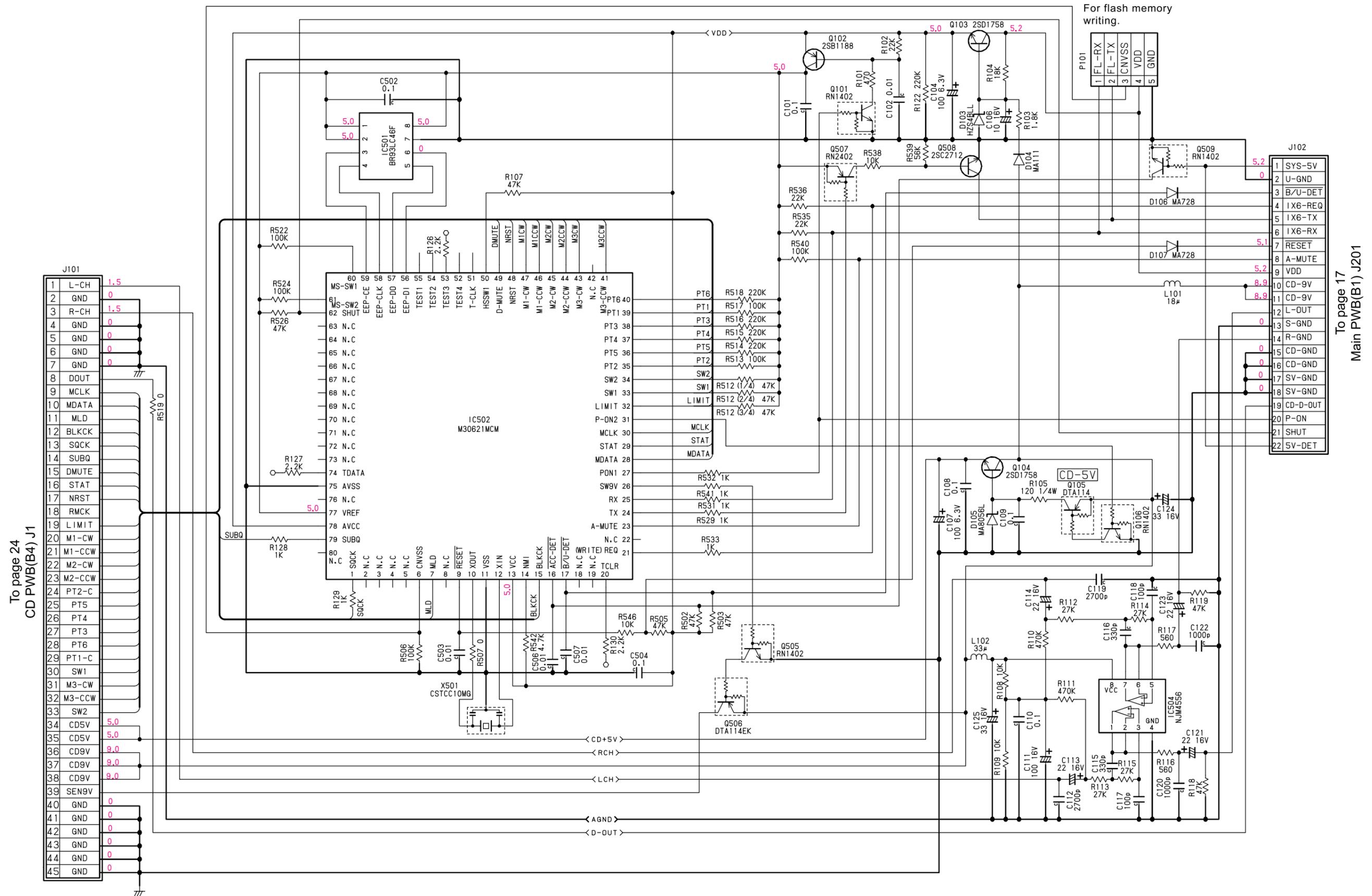
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To page 20  
Main PWB(B1) P401

To page 20  
Main PWB(B1) P400

CIRCUIT DIAGRAM 4/6

CD Main PWB(B3) sction : CD changer mechanism

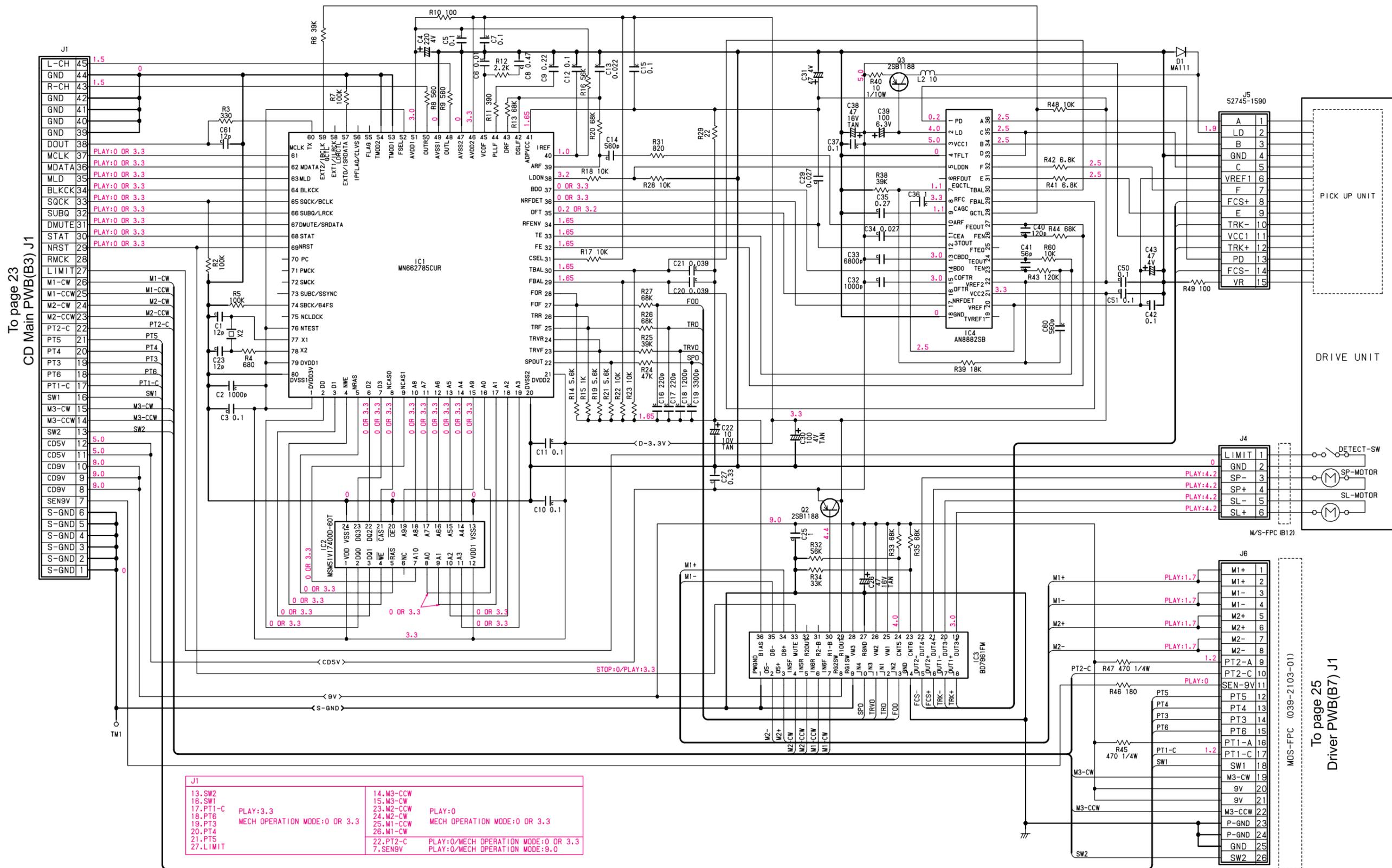


To page 24  
CD PWB(B4) J1

To page 17  
Main PWB(B1) J201

CIRCUIT DIAGRAM 5/6

CD PWB(B4) section : CD changer mechanism



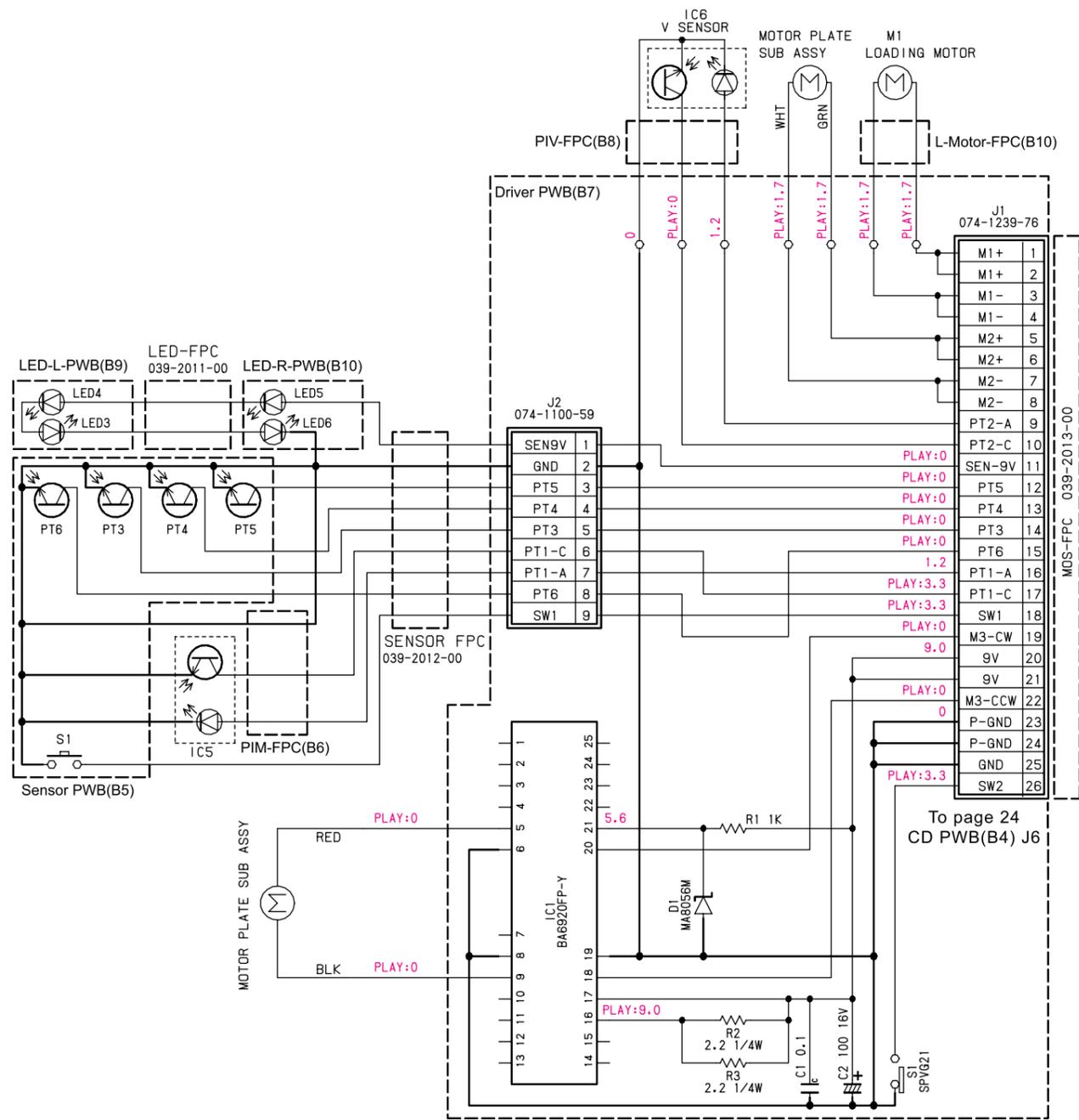
J1	
13. SW2	14. M3-CCW
16. SW1	15. M3-CW
17. PT1-C	23. M2-CCW
18. PT6	24. M2-CW
19. PT3	25. M1-CCW
20. PT4	26. M1-CW
21. PT5	22. PT2-C
27. LIMIT	7. SEN9V
PLAY:3.3	PLAY:0
MECH OPERATION MODE:0 OR 3.3	MECH OPERATION MODE:0 OR 3.3
	PLAY:0/MECH OPERATION MODE:0 OR 3.3
	PLAY:0/MECH OPERATION MODE:9.0

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CD Main PWB(B3) J1

To page 25  
Driver PWB(B7) J1

# CIRCUIT DIAGRAM 6/6

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 4/4  
 CD changer mechanism(B3-B12) section

