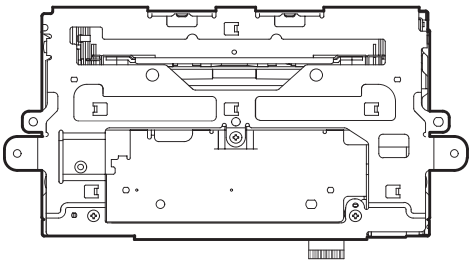
Clarion

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Service Manual



NISSAN Automobile Genuine
6-disc CD/MP3/WMA Autochanger
AM/FM Radio Stereo

Model PP-2665D-A
(Genuine No. 28185 AC705)

REISSUE NOTIFICATION /REPLACEMENT REQUEST

It became clear that an error is in the written parts number of CD Changer mechanism section.
Respectfully,we guide the parts number of correction.

ORIGINAL SERVICE MANUAL

This additional service manual is designed to be used together with Original model.

Original model	Manual No.
PP-2665D-A	298-6183-00

EXPLODED VIEW / PARTS LIST

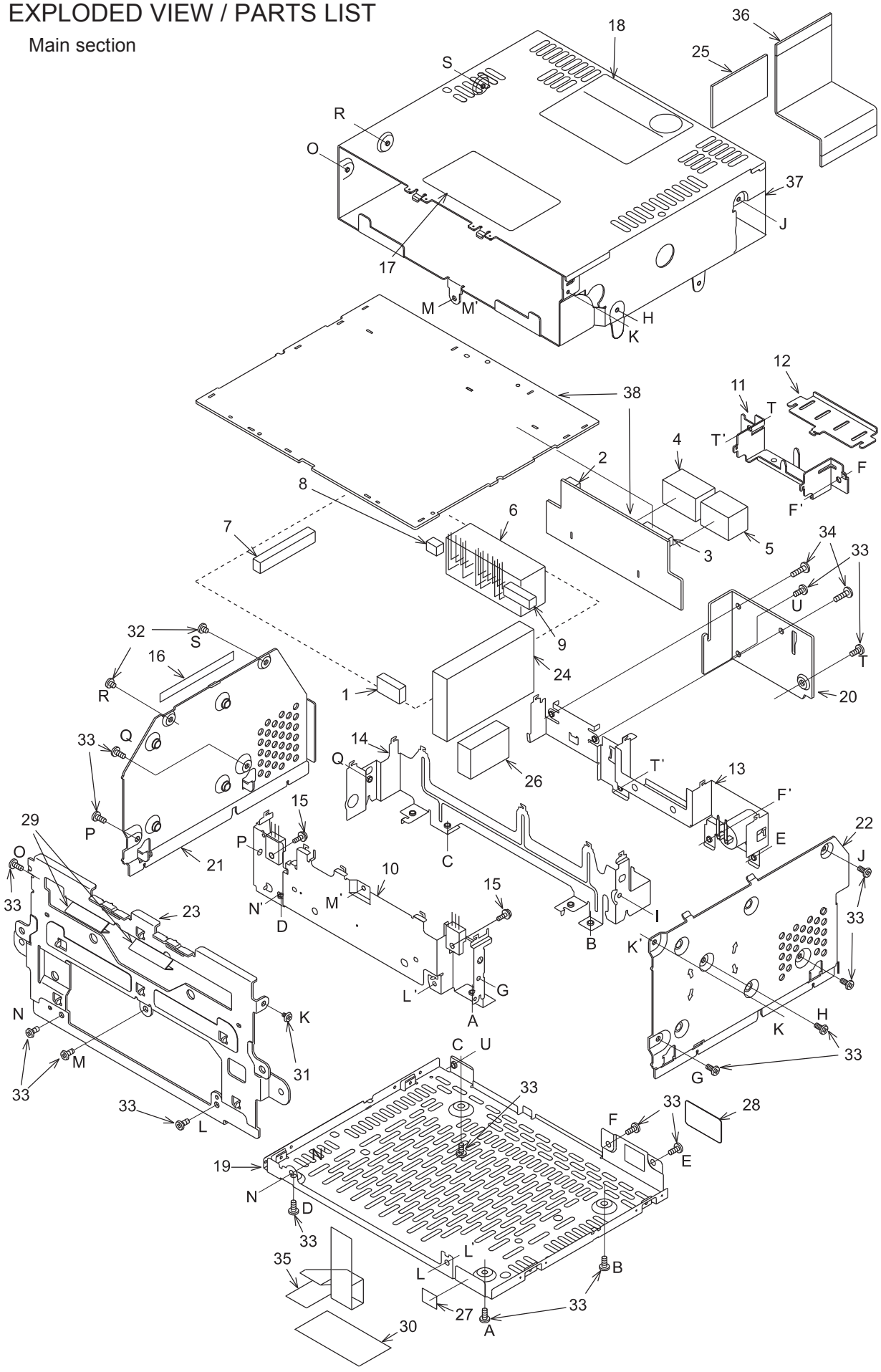
* Please correct the original service manual as follows.

CD Changer mechanism section(page 14)

NO.	PART NO.	DESCRIPTION	Q'TY
4	HBS-531-101	DRIVE UNIT	1

EXPLODED VIEW / PARTS LIST

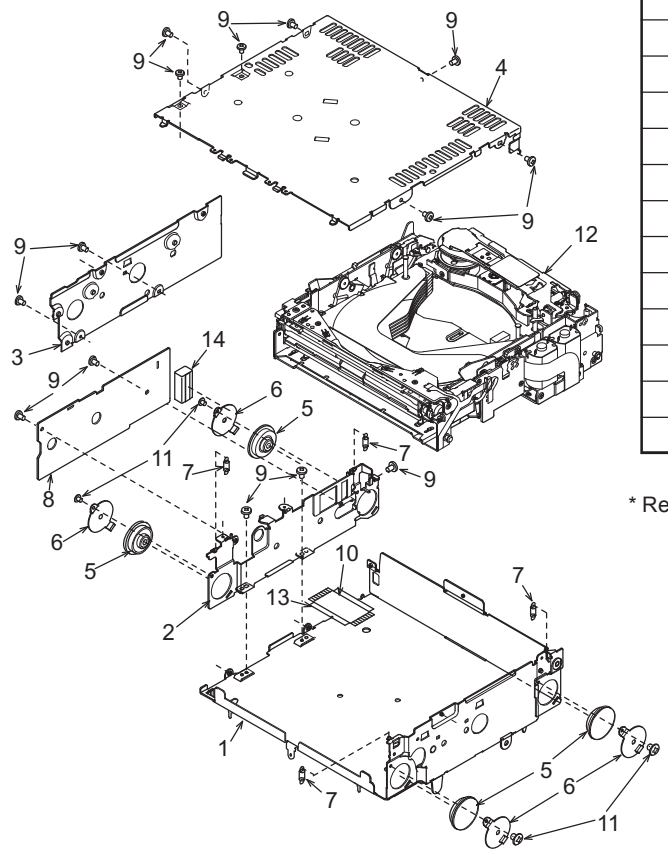
Main section



NO.	PART NO.	DESCRIPTION	Q'TY
1	074-0834-12	OUTLET SOCKET(SW PANEL)	1
2	074-0898-06	OUTLET SOCKET(6P)	1
3	074-0898-18	OUTLET SOCKET(18P)	1
4	074-1013-30	OUTLET SOCKET(A-12)	1
5	074-1087-12	OUTLET SOCKET(A-16)	1
6	074-1141-00	OUTLET SOCKET(NS10/06)	1
7	074-1192-20	OUTLET SOCKET(20P)	1
8	076-0368-06	PLUG(6P)	1
9	076-0368-18	PLUG(18P)	1
10	309-0806-01	FRONT PLATE	1
11	331-3478-01	OUTLET HOLDER	1
12	331-3479-01	OUTLET HOLDER	1
13	331-3885-10	REAR PLATE	1
14	331-3886-00	MECH-BRKT	1
15	716-1494-00	IT SCREW(M2.6x6)	2
16	285-1967-00	GUIDE LABEL	1
17	285-1968-00	GUIDE LABEL	1
18	286-6515-01	SETPLATE	1
19	311-1897-00	LOWER CASE	1

NO.	PART NO.	DESCRIPTION	Q'TY
20	313-1913-00	HEAT SINK	1
21	331-3258-02	SIDE CASE(L)	1
22	331-3259-02	SIDE CASE(R)	1
23	331-3887-00	ES-PLATE	1
24	880-1921U	TUNER PACK	1
25	335-6788-00	MOLDED PART	1
26	345-5806-00	EMC-GASKET	1
27	347-3072-00	PAPER PART	1
28	347-6623-00	SPACER	1
29	347-6910-00	PROTECTOR	2
30	347-7429-00	PROTECT SHEET	1
31	714-2004-87	MACHINE SCREW(M2x4)	1
32	714-2603-80	MACHINE SCREW(M2.6x3)	2
33	714-2605-81	MACHINE SCREW(M2.6x5)	18
34	714-2612-89	MACHINE SCREW(M2.6x12)	2
35	816-5000-00	FLAT WIRE(SW PANEL)	1
36	816-4007-00	FLAT WIRE(CD)	1
37	929-0195-83	CD-CHANG-MODULE	1
38	----------	MAIN PWB	1

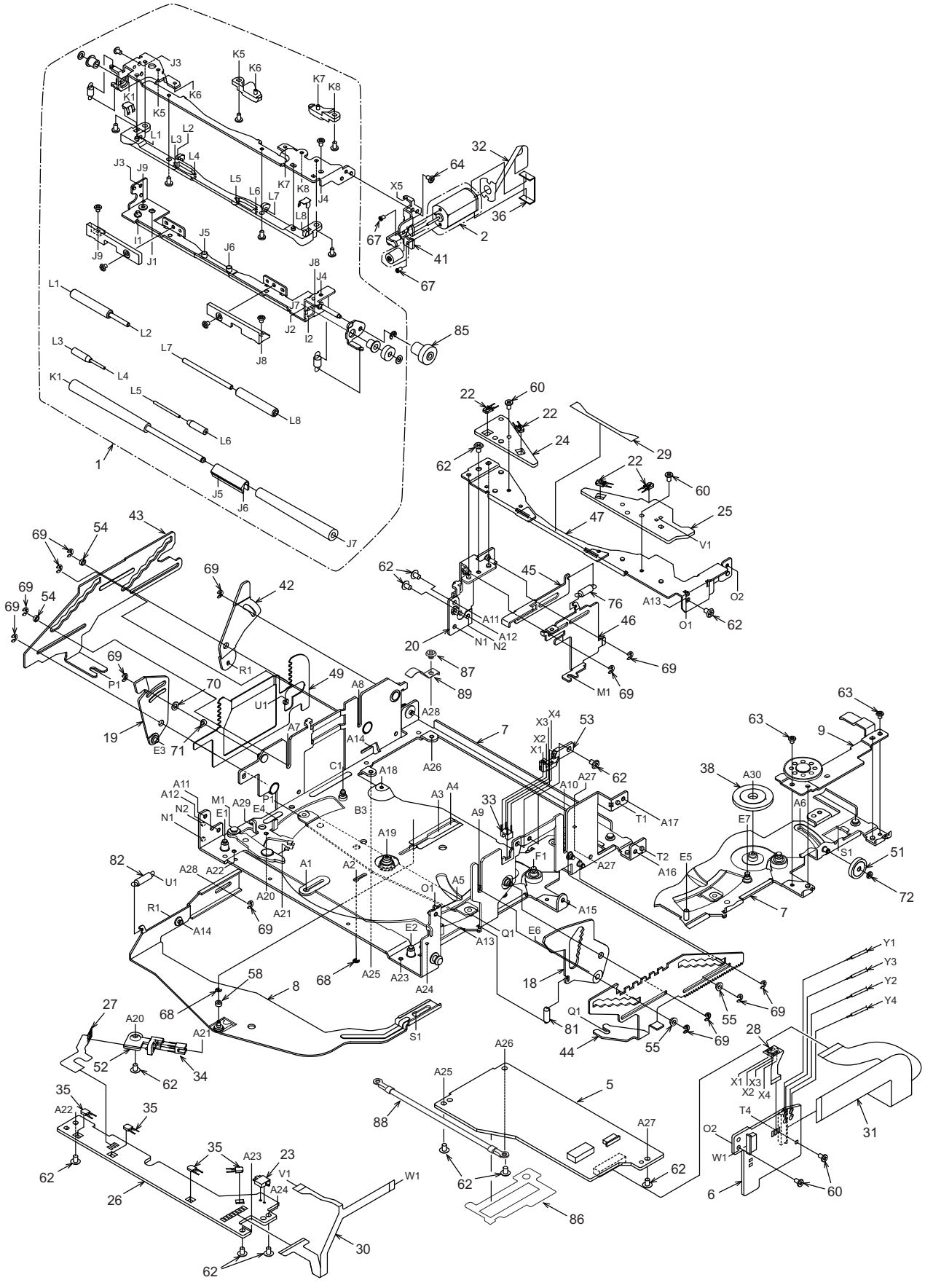
CD changer module section

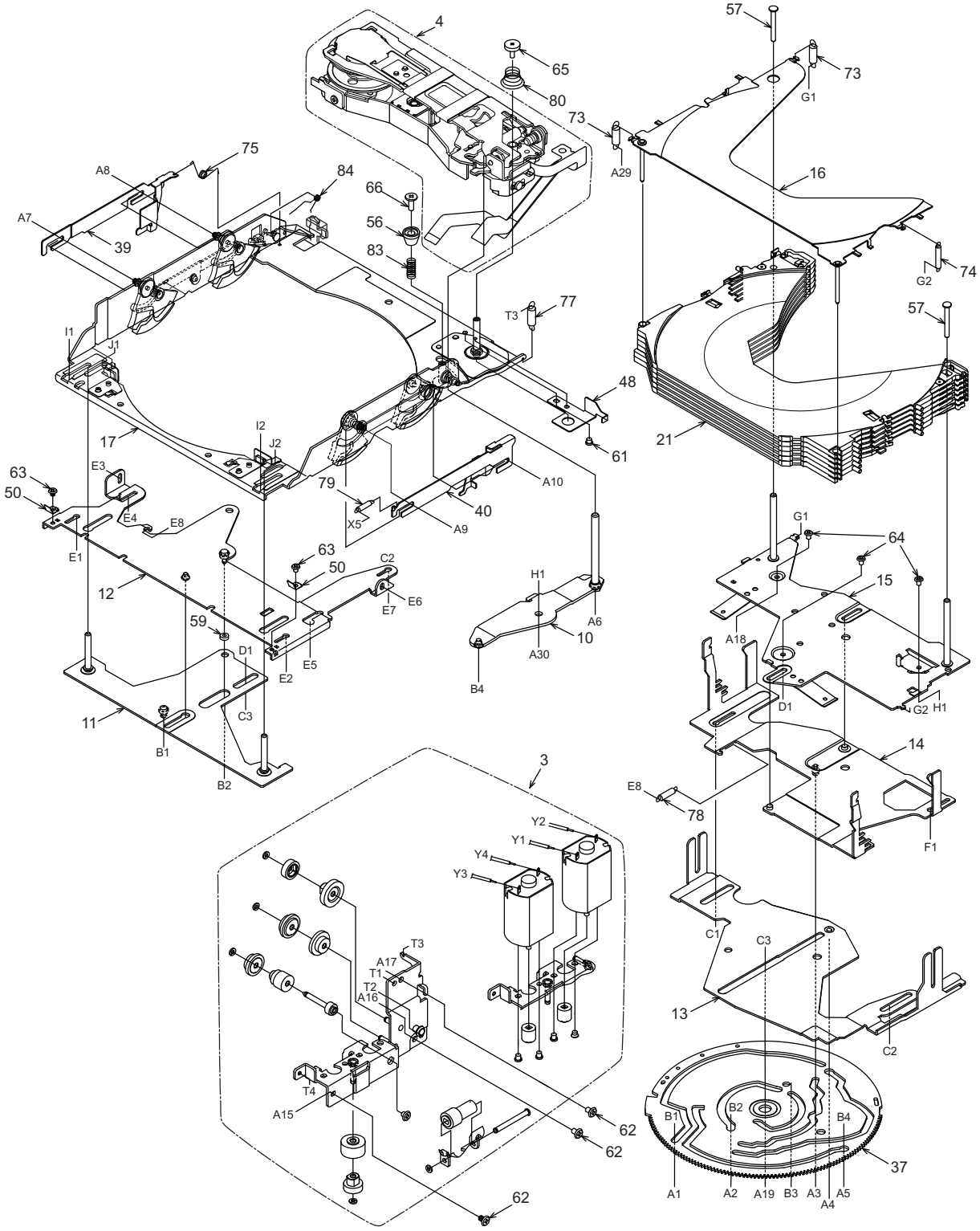


NO.	PART NO.	DESCRIPTION	Q'TY
1	311-1837-25	LOWER CASE	1
2	331-3896-22	PWB-HOLDER	1
3	305-0334-21	SIDE CASE	1
4	310-1741-27	UPPER CASE	1
5	629-0083-01	DAMPER	4
6	620-1086-20	DAMPER-H-PLT	4
7	750-3491-00	FL-SPRING	4
8	----------	CD PWB	1
9	716-1716-00	SCREW(M2x3)	14
10	039-1957-01	FPC	1
11	716-3450-00	SCREW(M1.7x2)	4
12	----------	CD CHANGER MECHANISM	1
13	347-6619-00	INSULATOR	1
14	345-8748-00	GASKET	1

* Refer to the following page about CD changer mechanism(No.12).

CD Changer mechanism section
(CD changer module)




4
65
80
75
A8
84
66
A7
39
56
83
I1
J1
77
T3
48
61
17
I2
J2
63
50
E3
E4
E8
E1
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X5
A10
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A9
63
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C2
E6
E7
12
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D1
E2
E5
H1
A6
10
A30
B4
11
B1
C3
B2
3
Y2
Y1
Y4
Y3
T3
A17
T1
T2
A16
T4
A15
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G1
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A29
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G2
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G1
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A18
D1
G2
H1
14
E8
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F1
C1
C3
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C2
B1
B2
B4
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A1
A2
A19
B3
A3
A4
A5

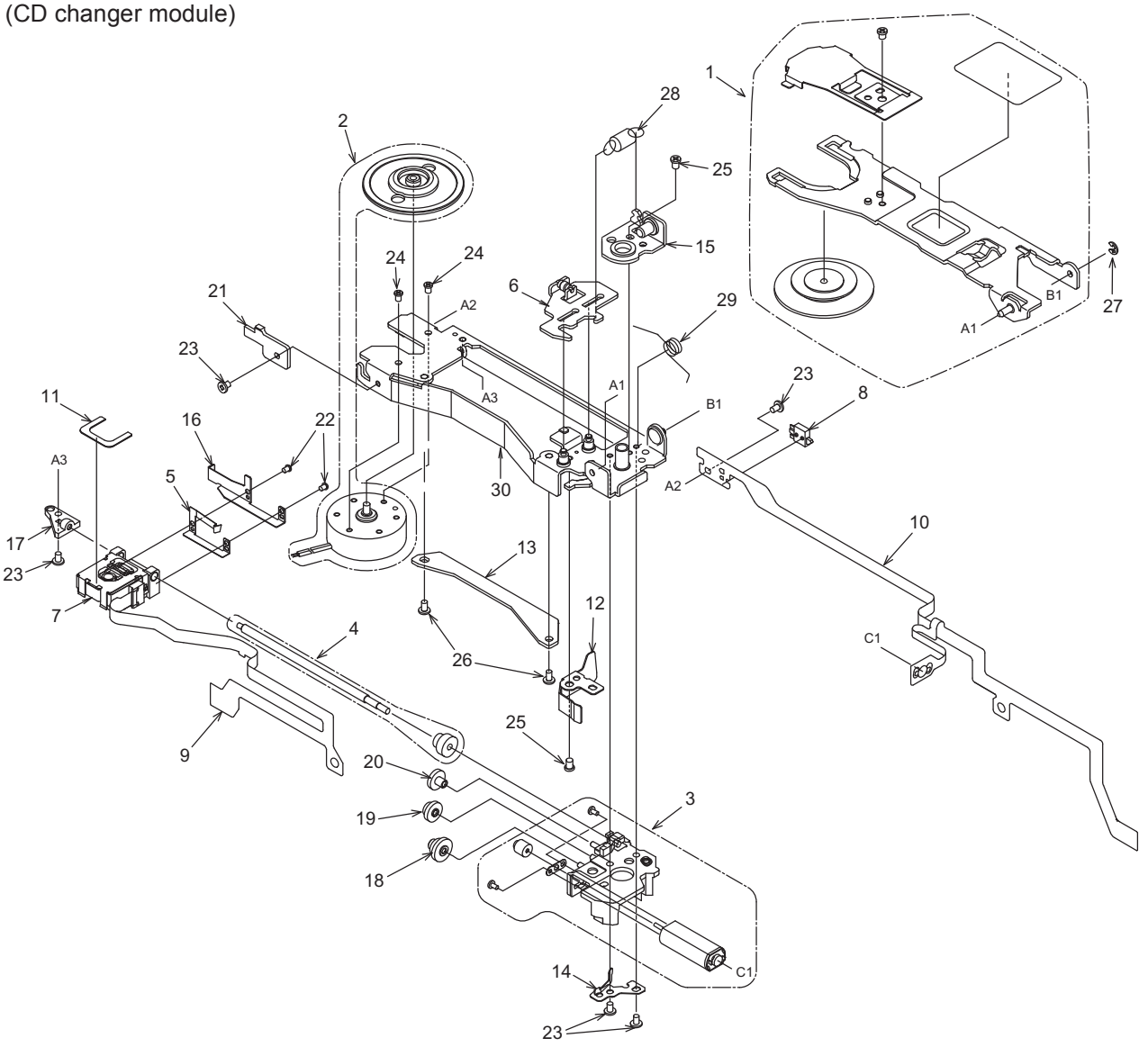
CD Changer mechanism section

(CD changer module)

NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-521-100	LOADING UNIT	1
2	SMA-186-100	LOADING MOTOR ASSY	1
3	HBS-530-100	MOTOR PLATE SUB ASSY	1
4	HBS-531-103	DRIVE UNIT	1
5	----------	DSP PWB	1
6	----------	DRIVER PWB	1
7	966-0597-25	CHASSIS ASSY	1
8	966-0600-23	LOCK-P-RE-ASSY	1
9	966-0601-21	M-GEAR-P-ASSY	1
10	966-0602-24	DR-LINK-ASSY	1
11	966-0603-21	MODE-P-ASSY	1
12	966-0604-24	LOCK-PF-ASSY	1
13	966-0605-20	SHIFT-P-ASSY	1
14	966-0606-23	HLC-PLATE-ASSY	1
15	966-0607-26	COV-OLATE-ASSY	1
16	HBS-535-100	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
20	966-0618-21	EJECT-B-ASSY	1
21	966-0624-27	DISC-HOL-ASSY	1
22	001-7042-00	DIODE (GL4800)	4
23	013-7414-50	DETECTOR SWITCH	1
24	----------	LED-L-PWB	1
25	----------	LED-R-PWB	1
26	----------	SENSOR PWB	1
27	039-2009-00	PIM-FPC (WITHOUT COMPONENT)	1
28	039-2010-00	PIV-FPC (WITHOUT COMPONENT)	1
29	039-2011-01	LED-FPC	1
30	039-2012-00	SENSOR-FPC	1
31	039-2013-02	MOS-FPC	1
32	039-2014-01	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	620-1041-25	GEAR PLATE	1
38	620-1042-20	M-GEAR-H	1
39	620-1056-22	HLR-PLATE-L	1
40	620-1580-20	HLR-PLATE-R	1
41	620-1576-20	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	620-1577-20	FRONT PLATE	1

NO.	PART NO.	DESCRIPTION	Q'TY
48	620-1083-20	FPC-PLATE	1
49	620-1090-20	GAP PLATE	1
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	622-1650-23	COV-PLATE PIN-B	2
58	622-1651-00	LOCK-RE-ROLLER	1
59	622-1652-00	LOCK-PF-ROLLER	1
60	716-1866-00	SCREW(M1.7x3)	4
61	716-1873-00	SCREW(M2x1.6)	1
62	716-3449-00	SCREW(M2x3)	15
63	716-3450-00	SCREW(M1.7x2)	4
64	716-3451-00	SCREW(M1.7x2.5)	4
65	716-3459-00	SCREW(M1.7x5)	1
66	716-3466-02	SCREW(M2x6)	1
67	738-1422-11	PRECISION SCREW	2
68	743-1200-10	E-RING	2
69	743-1500-10	E-RING	13
70	746-0624-00	WASHER	1
71	746-0712-23	WASHER	1
72	746-0761-00	WASHER	1
73	750-3478-01	TOP-P-SP-L	2
74	750-3479-01	TOP-P-SP-R	1
75	750-3480-01	DR-LOCK-SP	1
76	750-3483-00	EJECT-A-SPRING	1
77	750-3484-01	DR-BASE-SPRING	1
78	750-3485-01	TENSION-SP-L	1
79	750-3486-01	LO-TENSION-SP	1
80	750-3489-01	DRIVE-P-SPRING	1
81	750-3496-00	GAP-P-SPRING R	1
82	750-3497-00	GAP-P-SPRING L	1
83	750-6711-01	DU-STP-SPRING	1
84	750-6712-01	DR-LOCK-SP-B	1
85	621-0651-22	LOAD GEAR-A	1
86	347-6974-22	FPC COVER	1
87	716-1850-01	SCREW	1
88	854-4348-01	EXTENSION LEAD	1
89	620-1604-20	DR-PLATE-SCREW	1

Drive unit section
(CD changer module)



NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-532-100	CLAMPER SUB ASSY	1
2	SMA-185-101	SPINDLE MOTOR ASSY	1
3	SMA-191-100	SLED MOTOR ASSY	1
4	HBS-515-101	LS-ASSY	1
5	620-1587-83	SH-SP-PLT	1
6	966-0622-24	D-SHIFT-P-ASSY	1
7	969-0011-00	PICK UP-ASSY	1
8	013-7414-50	DETECT SWITCH	1
9	039-2015-01	P/U-FPC	1
10	039-2016-02	M/S-FPC (WITHOUT COMPONENT)	1
11	347-6632-00	PU-SHEET	1
12	620-1078-20	PUSH PLATE	1
13	620-1080-22	PU-GUIDE PLATE	1
14	620-1081-20	SCREW PUSH-PLT	1
15	966-0650-20	SPRING PLT ASSY	1

NO.	PART NO.	DESCRIPTION	Q'TY
16	620-1730-81	SCREW-HOL-PLT	1
17	621-0670-20	LS-HOLDER-L	1
18	621-0673-20	D-GEAR A	1
19	621-0674-20	D-GEAR B	1
20	621-0675-20	D-GEAR C	1
21	621-0683-21	DU-STOPPER	1
22	716-3511-00	SCREW(M1.4x3)	2
23	716-3470-00	SCREW(M1.7x3)	5
24	738-1720-17	PRECISION SCREW	2
25	738-2025-17	PRECISION SCREW	2
26	716-3474-00	SCREW(M1.7x3)	2
27	743-1500-20	E-RING	1
28	750-3487-00	SHIFT-P-SPRING	1
29	750-3504-00	CLAMP-A-SPRING	1
30	966-0649-02	DRIVE PLT-ASSY	1

ELECTRICAL PARTS LIST

Main PWB section(B1)

REF No.	PART No.	DESCRIPTION
BL101	880-1921U	TUNER PACK
C101	166-1511-50	150pF CH
C102	166-4701-50	47pF CH
C103	166-4701-50	47pF CH
C104	178-1542-78	0.15uF
C105	168-1032-55	0.01uF K
C106	168-1032-55	0.01uF K
C107	178-1052-78	1uF
C108	163-1063-35	16V10uF
C109	168-3322-55	3300pF K
C110	168-1022-55	1000pF K
C111	168-4732-78	0.047uF K
C112	166-1501-50	15pF CH
C114	168-1022-55	1000pF K
C115	168-1022-55	1000pF K
C116	166-2201-50	22pF CH
C117	187-1073-37	16V100uF
C118	178-1052-78	1uF
C119	166-1201-50	12pF CH
C121	166-1007-50	10pF CH
C122	166-1011-50	100pF CH
C123	188-1073-28	10V 100uF
C124	043-0277-51	0.022uF
C125	168-1042-78	16V 0.1uF
C126	188-1073-28	10V 100uF
C127	168-1042-78	16V 0.1uF
C128	168-1042-78	16V 0.1uF
C129	188-1073-28	10V 100uF
C130	178-1052-78	1uF
C131	168-1232-55	0.012uF K
C133	043-0277-51	0.022uF
C134	188-4763-38	16V 47uF
C135	042-1458-90	50V 1uF LN
C138	168-1022-55	1000pF K
C140	168-2232-55	0.022uF K
C141	188-4763-38	16V 47uF
C142	168-3932-78	0.039uF K
C143	166-1011-50	100pF CH
C144	166-1011-50	100pF CH
C145	166-1011-50	100pF CH
C146	166-1011-50	100pF CH
C147	168-3932-78	0.039uF K
C148	166-1801-50	18pF CH
C149	178-3332-78	0.033uF
C150	178-3332-78	0.033uF
C151	166-1501-50	15pF CH
C152	168-4722-55	4700pF K
C153	168-1042-78	16V 0.1uF
C154	166-1011-50	100pF CH
C155	166-1011-50	100pF CH
C161	178-2242-78	0.22uF
C162	188-4763-18	6.3V 47uF
C163	168-5612-55	560pF Z
C164	166-4701-50	47pF CH
C165	188-2253-68	50V 2.2uF
C166	166-5601-50	56pF CH
C167	168-3312-55	330pF K
C168	168-1032-55	0.01uF K
C169	168-1022-55	1000pF K
C201	168-2232-55	0.022uF K
C210	163-4763-15	6.3V47uF
C211	168-1042-78	16V 0.1uF
C212	168-2222-55	2200pF K
C213	168-1022-55	1000pF K
C214	168-1032-55	0.01uF K
C215	168-1042-78	16V 0.1uF
C216	168-2222-55	2200pF K
C217	168-2222-55	2200pF K
C218	168-2222-55	2200pF K
C219	168-2222-55	2200pF K
C301	163-1063-35	16V10uF
C302	178-4742-78	0.47uF
C303	178-4742-78	0.47uF
C305	178-1052-78	1uF
C306	178-1052-78	1uF
C307	178-1052-78	1uF
C308	178-1052-78	1uF
C314	168-1042-78	16V 0.1uF
C317	163-1063-35	16V10uF
C320	042-0592-58	16V 10uF
C321	042-0592-58	16V 10uF
C322	042-0592-58	16V 10uF
C323	042-0592-58	16V 10uF
C324	178-2242-78	0.22uF
C325	178-2242-78	0.22uF
C326	178-2242-78	0.22uF
C327	178-2242-78	0.22uF
C328	178-1052-78	1uF
C329	178-1052-78	1uF
C330	043-0548-50	2.2uF
C331	043-0548-50	2.2uF
C332	178-4742-78	0.47uF
C333	178-4742-78	0.47uF
C513	119-0000-05	1/10W 0 ohm JW
C514	168-1042-78	16V 0.1uF
C516	166-1011-50	100pF CH
C517	119-0000-05	1/10W 0 ohm JW
C519	166-1011-50	100pF CH
C601	163-1073-35	16V100uF
C602	168-1042-78	16V 0.1uF
C603	119-1031-15	1/10W 10k ohm
C604	119-1031-15	1/10W 10k ohm
C605	119-1031-15	1/10W 10k ohm
C606	119-1031-15	1/10W 10k ohm
C607	178-3342-78	0.33uF
C608	042-9138-00	35V 560uF
C609	119-0000-05	1/10W 0 ohm JW
C610	119-0000-05	1/10W 0 ohm JW
C611	166-2201-50	22pF CH
C612	166-2201-50	22pF CH
C613	168-4732-78	0.047uF K
C614	166-2201-50	22pF CH
C615	166-2201-50	22pF CH
C616	119-0000-05	1/10W 0 ohm JW
C617	119-0000-05	1/10W 0 ohm JW
C618	168-1022-55	1000pF K
C620	178-4742-78	0.47uF
C621	178-4742-78	0.47uF
C622	178-4742-78	0.47uF
C623	178-4742-78	0.47uF
C624	042-0667-00	16V 470uF M
C625	168-1042-78	16V 0.1uF
C626	042-0592-61	16V 47uF
C627	168-1042-78	16V 0.1uF
C628	168-1042-78	16V 0.1uF
C629	163-1073-35	16V100uF
C630	168-1032-55	0.01uF K
C631	042-0592-58	16V 10uF
C632	163-1073-35	16V100uF
C633	163-2273-25	10V 220uF
C634	168-2232-55	0.022uF K
C635	166-2201-50	22pF CH
C636	163-2263-35	16V22uF
C637	168-2232-55	0.022uF K
C638	163-2253-65	50V2.2uF
C639	166-4701-50	47pF CH
C640	168-6822-55	6800pF K
C641	163-1073-35	16V100uF
C642	168-1042-78	16V 0.1uF
C643	163-1073-35	16V100uF
C644	172-1041-15	0.1uF
C645	042-1465-00	16V 3300uF
C646	168-2222-55	2200pF K
C651	042-0423-21	10V 22uF
C655	168-1042-78	16V 0.1uF
C657	168-2222-55	2200pF K
C658	168-1042-78	16V 0.1uF
C659	163-1073-35	16V100uF
C660	188-1053-68	50V 1uF
C665	166-1511-50	150pF CH
C666	166-1511-50	150pF CH
C667	166-1511-50	150pF CH
C668	166-1511-50	150pF CH
C671	168-1032-55	0.01uF K
C672	178-2242-38	0.22uF B
C673	178-2242-38	0.22uF B
C681	168-2232-55	0.022uF K
C682	168-2232-55	0.022uF K
C683	168-2232-55	0.022uF K
C684	168-2232-55	0.022uF K
C685	168-2232-55	0.022uF K
C686	168-2232-55	0.022uF K
C687	168-2232-55	0.022uF K
C688	168-2232-55	0.022uF K
C701	042-1562-17	16V 10uF
C702	042-1562-17	16V 10uF
C703	042-1562-17	16V 10uF
C704	042-1562-17	16V 10uF
C706	168-1032-55	0.01uF K
C708	168-1022-55	1000pF K
C709	168-1022-55	1000pF K
C713	168-1022-55	1000pF K
C714	168-2232-55	0.022uF K
C717	188-1066-38	16V 10uF NP
C718	188-1066-38	16V 10uF NP
D101	001-9008-90	1SV250
D102	001-9008-90	1SV250
D201	001-0516-90	MA111
D202	001-0529-48	MA8091-H
D203	001-0529-48	MA8091-H
D204	001-0529-48	MA8091-H
D205	001-0529-48	MA8091-H
D206	001-0529-48	MA8091-H
D501	001-0516-90	MA111
D601	001-0347-33	MA4056H
D603	001-2407-90	SFPB-74V
D605	001-0516-90	MA111
D606	001-0504-49	HZS9 C3L
D607	001-0504-49	HZS9 C3L
D608	001-0529-34	MA8062-L
D609	001-0516-90	MA111
D610	001-0466-90	S5688B
D611	001-0516-90	MA111
D612	001-0466-90	S5688B
D613	001-2015-00	RL253
D614	001-0466-90	S5688B
D615	001-0466-90	S5688B
D671	001-0529-32	MA8056-M
D703	001-0466-90	S5688B
D704	001-0516-90	MA111
D705	001-0516-90	MA111
D707	001-4305-39	UDZSTE-17 36B
IC101	051-4617-90	LA1061M-TE-L
IC102	051-3020-90	NJM4565V
IC103	051-6212-08	LC72191JM-TLM
IC161	051-4607-90	SAA6581T
IC202	052-3161-50	M30624MGA-600GP
IC203	051-5436-38	BD5233G-TR
IC301	051-5037-90	BD3807K
IC502	051-3020-90	NJM4565V
IC601	051-3019-90	NJM2060V
IC602	051-3290-00	PQ2CF1
IC603	051-2055-00	TDA8593J/N3
IC604	051-3020-90	NJM4565V
IC605	051-5441-08	BD4828G-TR
IC606	051-3341-90	BD3931FP
J203	074-0834-12	12P
J205	074-1192-20	OUTLET SOCKET
J602	074-1141-00	NS10+6
J702	074-1013-30	OUTLET SOCKET (A12MW)
J703	074-1087-12	OUTLET SOCKET
L101	010-2198-65	0.1uH
L102	010-2198-53	5.6uH
L103	010-2312-52	0.27uH
L104	010-2003-04	30uH
L105	010-6009-76	22uH
L161	010-6009-76	22uH

REF No.	PART No.	DESCRIPTION
L202	010-3407-66	NLV32 22uH J
L203	010-3407-66	NLV32 22uH J
L601	010-8030-00	100uH
P101	076-0368-06	PLUG 6P
P102	076-0368-18	PLUG 18P
P701	074-0898-06	SOCKET 6P
P702	074-0898-18	SOCKET 18P
Q101	192-4116-00	2SC4116
Q102	192-4116-00	2SC4116
Q103	125-2026-91	UN5211
Q104	125-2026-91	UN5211
Q105	125-2026-91	UN5211
Q106	125-2026-91	UN5211
Q107	192-4116-51	2SC4116 G,L
Q109	192-4116-51	2SC4116 G,L
Q110	190-1162-00	2SA1162
Q111	190-1162-00	2SA1162
Q161	192-4116-00	2SC4116
Q201	125-2026-92	UN5212
Q204	125-9017-92	UMD3N-TR
Q205	192-4116-00	2SC4116
Q206	125-0020-91	UN5111
Q207	125-2026-91	UN5211
Q209	192-4116-00	2SC4116
Q504	125-2026-91	UN5211
Q505	125-2026-91	UN5211
Q506	191-0709-00	2SB709A Q,R,S
Q601	103-2012-00	2SD2012
Q606	191-1214-00	2SB1214
Q607	192-2712-51	2SC2712 G,L
Q608	193-1259-50	2SD1259DS R,Q
Q609	125-9017-92	UMD3N-TR
Q610	193-2118-00	2SD2118F5 Q,R,S
Q611	192-4116-00	2SC4116
Q612	125-9017-92	UMD3N-TR
Q613	125-2026-95	UN521N
Q614	131-1188-00	2SB1188
Q615	190-1298-00	2SA1298
Q616	125-2026-91	UN5211
Q617	125-2026-95	UN521N
Q618	131-1188-00	2SB1188
Q671	193-2118-00	2SD2118F5 Q,R,S
Q672	125-9017-92	UMD3N-TR
Q704	125-2026-91	UN5211
Q705	125-2026-91	UN5211
Q706	125-0020-91	UN5111
Q709	192-4116-00	2SC4116
Q710	192-4116-00	2SC4116
Q714	192-4116-00	2SC4116
R101	119-1041-15	1/10W 100k ohm
R102	119-1041-15	1/10W 100k ohm
R103	119-2731-15	1/10W 27k ohm
R104	119-2731-15	1/10W 27k ohm
R105	119-1041-15	1/10W 100k ohm
R106	119-1041-15	1/10W 100k ohm
R107	119-1031-15	1/10W 10k ohm
R108	119-1031-15	1/10W 10k ohm
R109	119-5631-15	1/10W 56k ohm
R110	119-3911-15	1/10W 390 ohm
R111	119-4731-15	1/10W 47k ohm
R112	119-1021-15	1/10W 1k ohm
R113	119-1031-15	1/10W 10k ohm
R114	119-1031-15	1/10W 10k ohm
R115	119-1011-15	1/10W 100 ohm
R116	119-4741-15	1/10W 470k ohm
R117	119-1021-15	1/10W 1k ohm
R118	119-1021-15	1/10W 1k ohm
R121	119-1841-15	1/10W 180k ohm
R122	119-2221-15	1/10W 2.2k ohm
R123	119-0000-05	1/10W 0 ohm JW
R124	119-4721-15	1/10W 4.7k ohm
R125	119-1021-15	1/10W 1k ohm
R126	119-2221-15	1/10W 2.2k ohm
R127	119-4721-15	1/10W 4.7k ohm
R128	119-3321-15	1/10W 3.3k ohm
R129	119-1001-15	1/10W 10 ohm
R130	119-1501-15	1/10W 15 ohm
R131	119-2221-15	1/10W 2.2k ohm
R132	119-2221-15	1/10W 2.2k ohm
R133	119-1021-15	1/10W 1k ohm

REF No.	PART No.	DESCRIPTION
R134	119-1031-15	1/10W 10k ohm
R135	119-1021-15	1/10W 1k ohm
R136	119-1021-15	1/10W 1k ohm
R137	119-1031-15	1/10W 10k ohm
R138	119-4721-15	1/10W 4.7k ohm
R139	119-4721-15	1/10W 4.7k ohm
R140	119-2221-15	1/10W 2.2k ohm
R141	119-1021-15	1/10W 1k ohm
R142	119-2701-15	1/10W 27 ohm
R143	119-4731-15	1/10W 47k ohm
R161	119-1021-15	1/10W 1k ohm
R162	119-1021-15	1/10W 1k ohm
R163	119-1031-15	1/10W 10k ohm
R164	119-1031-15	1/10W 10k ohm
R206	119-4721-15	1/10W 4.7k ohm
R207	119-4721-15	1/10W 4.7k ohm
R209	119-4731-15	1/10W 47k ohm
R211	119-4731-15	1/10W 47k ohm
R212	119-4731-15	1/10W 47k ohm
R213	119-1011-15	1/10W 100 ohm
R214	119-1011-15	1/10W 100 ohm
R216	119-4731-15	1/10W 47k ohm
R217	119-4721-15	1/10W 4.7k ohm
R219	119-4731-15	1/10W 47k ohm
R220	119-4731-15	1/10W 47k ohm
R221	119-3311-15	1/10W 330 ohm
R222	119-1021-15	1/10W 1k ohm
R223	119-1021-15	1/10W 1k ohm
R224	119-1031-15	1/10W 10k ohm
R225	119-1021-15	1/10W 1k ohm
R226	119-1031-15	1/10W 10k ohm
R227	119-3311-15	1/10W 330 ohm
R228	119-4731-15	1/10W 47k ohm
R229	119-4731-15	1/10W 47k ohm
R230	119-1521-15	1/10W 1.5k ohm
R231	119-2231-15	1/10W 22k ohm
R232	119-3311-15	1/10W 330 ohm
R236	119-2231-15	1/10W 22k ohm
R238	119-4731-15	1/10W 47k ohm
R239	119-4731-15	1/10W 47k ohm
R240	119-1021-15	1/10W 1k ohm
R241	119-4731-15	1/10W 47k ohm
R242	119-4731-15	1/10W 47k ohm
R243	119-4731-15	1/10W 47k ohm
R244	119-4731-15	1/10W 47k ohm
R245	119-4731-15	1/10W 47k ohm
R246	119-1041-15	1/10W 100k ohm
R247	119-4731-15	1/10W 47k ohm
R248	116-2211-15	1/4W 220 ohm
R249	119-1041-15	1/10W 100k ohm
R250	119-4741-15	1/10W 470k ohm
R251	119-4741-15	1/10W 470k ohm
R252	119-1031-15	1/10W 10k ohm
R253	119-4731-15	1/10W 47k ohm
R254	119-5631-15	1/10W 56k ohm
R255	119-0000-05	1/10W 0 ohm JW
R258	119-1021-15	1/10W 1k ohm
R260	119-4731-15	1/10W 47k ohm
R261	119-1021-15	1/10W 1k ohm
R263	119-1021-15	1/10W 1k ohm
R264	119-1021-15	1/10W 1k ohm
R265	119-1021-15	1/10W 1k ohm
R266	119-1021-15	1/10W 1k ohm
R267	119-1021-15	1/10W 1k ohm
R268	119-1021-15	1/10W 1k ohm
R269	119-4731-15	1/10W 47k ohm
R301	032-0106-64	1/8W 56k ohm D
R302	032-0106-64	1/8W 56k ohm D
R303	032-0106-64	1/8W 56k ohm D
R304	032-0106-64	1/8W 56k ohm D
R311	119-3331-15	1/10W 33k ohm
R516	119-4731-15	1/10W 47k ohm
R519	119-1021-15	1/10W 1k ohm
R520	119-2231-15	1/10W 22k ohm
R522	032-0140-50	1/10W 10k ohm F
R524	032-0140-50	1/10W 10k ohm F
R525	032-0140-50	1/10W 10k ohm F
R526	032-0140-50	1/10W 10k ohm F
R601	116-3311-15	1/4W 330 ohm
R603	114-1001-21	2W 10 ohm

REF No.	PART No.	DESCRIPTION
R607	119-1031-15	1/10W 10k ohm
R608	119-1031-15	1/10W 10k ohm
R609	032-0140-54	1/10W 22k ohm F
R610	032-0140-62	1/10W 1k ohm F
R611	119-1031-15	1/10W 10k ohm
R612	119-1031-15	1/10W 10k ohm
R613	119-1031-15	1/10W 10k ohm
R614	119-1031-15	1/10W 10k ohm
R615	119-1021-15	1/10W 1k ohm
R616	119-1031-15	1/10W 10k ohm
R617	119-1031-15	1/10W 10k ohm
R618	119-1031-15	1/10W 10k ohm
R619	119-1031-15	1/10W 10k ohm
R620	119-1031-15	1/10W 10k ohm
R621	119-1031-15	1/10W 10k ohm
626	116-2221-15	1/4W 2.2k ohm
R627	116-2221-15	1/4W 2.2k ohm
R628	119-2231-15	1/10W 22k ohm
R629	119-1031-15	1/10W 10k ohm
R630	119-1021-15	1/10W 1k ohm
R633	119-4731-15	1/10W 47k ohm
R634	119-4731-15	1/10W 47k ohm
R635	119-2731-15	1/10W 27k ohm
R636	119-1041-15	1/10W 100k ohm
R637	116-2211-15	1/4W 220 ohm
R638	119-1041-15	1/10W 100k ohm
R639	119-1231-15	1/10W 12k ohm
R640	119-1031-15	1/10W 10k ohm
R641	119-1031-15	1/10W 10k ohm
R642	119-1031-15	1/10W 10k ohm
R643	119-1031-15	1/10W 10k ohm
R644	032-0140-16	1/10W18ohm F
R645	032-0106-65	1/8W 100k ohm D
R646	116-3911-15	1/4W 390 ohm
R647	119-1041-15	1/10W 100k ohm
R648	119-5611-15	1/10W 560 ohm
R649	119-1031-15	1/10W 10k ohm
R650	119-1031-15	1/10W 10k ohm
R651	116-1221-15	1/4W 1.2k ohm
R652	116-1091-15	1/4W 1 ohm
R653	119-3321-15	1/10W 3.3k ohm
R654	119-1031-15	1/10W 10k ohm
R655	119-1031-15	1/10W 10k ohm
R656	116-1221-15	1/4W 1.2k ohm
R657	116-1091-15	1/4W 1 ohm
R658	116-1531-15	1/4W 15k ohm
R659	116-3331-15	1/4W 33k ohm
R660	116-2721-15	1/4W 2.2k ohm
R661	116-2721-15	1/4W 2.2k ohm
R662	119-2201-15	1/10W 22 ohm
R663	119-2221-15	1/10W 2.2k ohm
R664	119-2221-15	1/10W 2.2k ohm
R665	119-2221-15	1/10W 2.2k ohm
R666	119-2221-15	1/10W 2.2k ohm
R671	117-2211-15	1/8W 220 ohm
R672	119-1041-15	1/10W 100k ohm
R673	119-1041-15	1/10W 100k ohm
R690	119-4721-15	1/10W 4.7k ohm
R691	119-4721-15	1/10W 4.7k ohm
R692	119-4721-15	1/10W 4.7k ohm
R693	119-4721-15	1/10W 4.7k ohm
R703	119-3011-15	1/10W 300 ohm
R704	119-3011-15	1/10W 300 ohm
R705	119-1031-15	1/10W 10k ohm
R708	119-3321-15	1/10W 3.3k ohm
R709	119-2231-15	1/10W 22k ohm
R710	119-4731-15	1/10W 47k ohm
R712	119-2231-15	1/10W 22k ohm
R713	119-4731-15	1/10W 47k ohm
R715	119-1031-15	1/10W 10k ohm
R716	119-5631-15	1/10W 56k ohm
R717	119-1031-15	1/10W 10k ohm
R718	119-1031-15	1/10W 10k ohm
R721	119-5631-15	1/10W 56k ohm
R722	119-5631-15	1/10W 56k ohm
R728	119-5621-15	1/10W 5.6k ohm
R730	119-5621-15	1/10W 5.6k ohm
R732	119-3011-15	1/10W 300 ohm
SUP101	060-0122-91	DSP-141N-S00B
SUP102	060-0122-91	DSP-141N-S00B

REF No.	PART No.	DESCRIPTION
T601	009-0675-01	CHOKE
TH601	002-0229-90	PTH8L05B
TH602	002-0229-90	PTH8L05B
VR101	012-5203-63	470k ohm

REF No.	PART No.	DESCRIPTION
VR102	012-5203-56	10k ohm
X101	061-1066-80	7.2MHz
X161	061-3013-90	4.332MHz
X201	060-1505-50	10MHz

REF No.	PART No.	DESCRIPTION
PWB	039-2598-00	PWB(WITHOUT COMPONENT)

CD PWB(B2) section

REF No.	PART No.	DESCRIPTION
C1	168-4735-56	0.047uF Z
C2	168-4735-56	0.047uF Z
C4	168-1222-55	1200pF K
C5	163-2263-35	16V22uF
C6	168-1222-55	1200pF K
C12	168-1222-55	1200pF K
C15	168-1222-55	1200pF K
C16	163-2263-35	16V22uF
C18	168-1045-56	0.1uF Z
C19	166-1011-50	100pF CH
C21	168-1032-55	0.01uF K
C22	168-1045-56	0.1uF Z
C23	168-1045-56	0.1uF Z
C24	168-1032-55	0.01uF K
C25	163-1073-15	6.3V100uF
C26	178-1052-78	1uF
C27	168-1045-56	0.1uF Z
C28	042-0671-01	10V 47uF TA
C29	168-1045-56	0.1uF Z
C30	178-3342-78	0.33uF
C31	042-1673-00	10V 220uF
CCT4	050-0140-55	1/32W 2.2k ohmx4J
CCT5	050-0145-54	1/16W 47k ohm x4
CCT6	050-0145-53	1/16W 220k ohm x4 J
D2	001-2610-90	RB480KTL
IC2	051-5445-08	BD5227G-TR

REF No.	PART No.	DESCRIPTION
IC3	052-5061-01	M30621MCM -4S5GP
IC4	051-9402-78	BR93L56RFVM-W
IC5	051-3332-90	NJU7222U33
IC6	051-3293-90	BA033SFP-E2
J1	074-1189-95	45P
J3	074-1237-70	20P
P1	076-0478-55	PLUG
Q3	190-1162-00	2SA1162
Q4	198-3018-00	2SK3018
Q5	131-1188-50	2SB1188PQR
Q6	198-3018-00	2SK3018
Q7	125-2004-92	RN1402
Q8	125-2004-92	RN1402
Q9	125-0014-92	DTA114EK
Q53	193-0601-00	2SD601A
R2	119-2211-15	1/10W 220 ohm
R4	119-4731-15	1/10W 47k ohm
R8	119-4731-15	1/10W 47k ohm
R10	119-2211-15	1/10W 220 ohm
R13	119-1041-15	1/10W 100k ohm
R14	119-2221-15	1/10W 2.2k ohm
R15	119-1041-15	1/10W 100k ohm
R16	119-1021-15	1/10W 1k ohm
R20	119-4731-15	1/10W 47k ohm
R24	119-4731-15	1/10W 47k ohm
R25	119-1031-15	1/10W 10k ohm

REF No.	PART No.	DESCRIPTION
R26	119-4721-15	1/10W 4.7k ohm
R27	119-1031-15	1/10W 10k ohm
R28	119-1041-15	1/10W 100k ohm
R29	119-1041-15	1/10W 100k ohm
R31	119-4731-15	1/10W 47k ohm
R32	119-0000-05	1/10W 0 ohm JW
R35	119-0000-05	1/10W 0 ohm JW
R36	119-4731-15	1/10W 47k ohm
R37	119-4731-15	1/10W 47k ohm
R38	119-2231-15	1/10W 22k ohm
R39	119-2231-15	1/10W 22k ohm
R40	119-2231-15	1/10W 22k ohm
R41	119-4711-15	1/10W 470 ohm
R42	119-2231-15	1/10W 22k ohm
R43	119-2241-15	1/10W 220k ohm
R60	119-0000-05	1/10W 0 ohm JW
R530	119-4731-15	1/10W 47k ohm
R550	119-4731-15	1/10W 47k ohm
TM1	073-0768-90	TERMINAL
TM2	073-0766-90	TERMINAL
TM4	073-0766-90	TERMINAL
TM5	073-0766-90	TERMINAL
X1	060-1533-90	CSTCE10M0G52-R0
PWB	039-2532-20	PWB(WITHOUT COMPONENT)

DPS PWB(B3) section

REF No.	PART No.	DESCRIPTION
C1	042-0671-01	10V 47uF TA
C2	168-4735-56	0.047uF Z
C3	046-4722-58	4700pF
C4	046-1032-78	0.01uF
C5	168-1045-56	0.1uF Z
C6	042-0671-01	10V 47uF TA
C7	168-1045-56	0.1uF Z
C8	168-1045-56	0.1uF Z
C9	045-1007-50	10pF
C10	168-1045-56	0.1uF Z
C11	045-1007-50	10pF
C12	168-1045-56	0.1uF Z
C13	042-0672-00	25V 47uF TA
C14	168-4735-56	0.047uF Z
C15	168-4735-56	0.047uF Z
C16	168-4735-56	0.047uF Z
C17	178-1052-78	1uF
C18	045-4701-50	47pF
C19	168-1045-56	0.1uF Z
C20	046-4712-58	470pF
C21	046-4712-58	470pF
C22	168-1045-56	0.1uF Z
C23	046-1532-78	0.015uF
C24	168-1045-56	0.1uF Z
C25	046-6822-58	6800pF
C26	046-1032-78	0.01uF
C28	046-1022-58	1000pF
C29	046-3332-78	0.033uF
C32	046-4722-58	4700pF
C33	046-1522-58	1500pF
C34	168-1045-56	0.1uF Z
C35	046-1532-78	0.015uF
C36	168-1045-56	0.1uF Z
C37	168-1045-56	0.1uF Z
C38	042-0671-01	10V 47uF TA
C39	178-1052-78	1uF
C40	045-6801-50	68pF
C41	168-1045-56	0.1uF Z

REF No.	PART No.	DESCRIPTION
C42	178-1052-78	1uF
C43	042-0671-01	10V 47uF TA
C44	046-6812-58	680pF
C45	168-1045-56	0.1uF Z
C46	168-1045-56	0.1uF Z
C47	042-0671-01	10V 47uF TA
C48	168-5632-78	16V 0.056uF
C49	168-1045-56	0.1uF Z
C50	168-1045-56	0.1uF Z
C51	168-1045-56	0.1uF Z
C53	168-1045-56	0.1uF Z
C54	042-0671-01	10V 47uF TA
C56	168-4712-55	470pF K
C57	046-1032-78	0.01uF
C58	168-4712-55	470pF K
C59	168-1045-56	0.1uF Z
C60	168-1045-56	0.1uF Z
C61	046-1032-78	0.01uF
C62	042-0671-01	10V 47uF TA
C63	046-1032-78	0.01uF
C64	168-1045-56	0.1uF Z
C65	045-1201-50	12pF
C66	046-1032-78	0.01uF
C67	046-1032-78	0.01uF
C68	168-1045-56	0.1uF Z
C69	045-1201-50	12pF
C101	046-1032-78	0.01uF
C102	046-1032-78	0.01uF
CCT1	050-0140-68	1/32W 3.3k ohm x4J
CCT4	050-0140-63	1/32W 47k ohm x4J
D1	001-0367-91	1SS226
D2	001-2610-90	RB480KTL
IC2	051-6399-00	TC94A15F
IC3	051-6060-08	BD7961FM-E2
IC4	051-7518-18	SN74LVC139APWR
IC5	052-5062-02	MBM29DL800BA-90PFTN
IC6	051-7518-18	SN74LVC139APWR

REF No.	PART No.	DESCRIPTION
IC7	051-9330-00	K4S641632F-TC60
IC8	051-7203-48	SN74LV74APW
IC9	051-6700-00	TMS320DA140 PGE160
IC10	051-3315-90	TPS76316DBVR
IC11	051-7221-58	SN74AHC1G04 HDCKR
IC12	051-7525-08	SN74LVC2GU04 DCKR
IC13	051-7526-08	SN74LVC1G126 DCKR
J1	074-1201-65	15P
J2	074-1138-56	6P
J3	074-1059-76	26P
J4	074-1189-95	45P
J5	074-1201-60	10P
L2	010-3104-54	MPZ1608S601AT
L3	010-3104-54	MPZ1608S601AT
Q1	131-1188-50	2SB1188PQR
Q2	131-1188-50	2SB1188PQR
Q3	125-2004-92	RN1402
R1	033-1021-15	1/10W 1k ohm
R2	033-1021-15	1/10W 1k ohm
R3	033-3311-15	1/10W 330 ohm
R4	033-2211-15	1/10W 220 ohm
R5	033-2211-15	1/10W 220 ohm
R6	033-1021-15	1/10W 1k ohm
R7	033-1051-15	1/10W 1M ohm
R8	033-0000-05	1/10W 0 ohm
R10	033-5621-15	1/10W 5.6k ohm
R11	033-4731-15	1/10W 47k ohm
R12	119-3341-15	1/10W 330k ohm
R13	033-2231-15	1/10W 22k ohm
R14	033-2231-15	1/10W 22k ohm
R15	117-1001-15	1/8W 10 ohm
R16	033-5631-15	1/10W 56k ohm
R17	033-3331-15	1/10W 33k ohm
R18	033-6831-15	1/10W 68k ohm

REF No.	PART No.	DESCRIPTION
R19	033-6831-15	1/10W 68k ohm
R20	033-1011-15	1/10W 100 ohm
R21	116-4711-15	1/4W 470 ohm
R22	117-1811-15	1/8W 180 ohm
R23	116-4711-15	1/4W 470 ohm
R24	033-2231-15	1/10W 22k ohm
R25	033-2231-15	1/10W 22k ohm
R26	033-2231-15	1/10W 22k ohm
R27	033-1011-15	1/10W 100 ohm
R28	033-4731-15	1/10W 47k ohm
R29	033-2231-15	1/10W 22k ohm
R30	033-4721-15	1/10W 4.7k ohm
R31	033-4721-15	1/10W 4.7k ohm
R32	033-4731-15	1/10W 47k ohm
R33	033-4731-15	1/10W 47k ohm
R35	033-4731-15	1/10W 47k ohm
R36	033-3311-15	1/10W 330 ohm
R37	033-4731-15	1/10W 47k ohm

REF No.	PART No.	DESCRIPTION
R38	033-3311-15	1/10W 330 ohm
R39	033-2211-15	1/10W 220 ohm
R40	033-1011-15	1/10W 100 ohm
R41	033-1001-15	1/10W 10 ohm
R42	033-1001-15	1/10W 10 ohm
R45	033-1011-15	1/10W 100 ohm
R46	033-4731-15	1/10W 47k ohm
R47	033-4731-15	1/10W 47k ohm
R48	033-1011-15	1/10W 100 ohm
R49	033-0000-05	1/10W 0 ohm
R50	033-0000-05	1/10W 0 ohm
R51	033-8231-15	1/10W 82k ohm
R52	033-0000-05	1/10W 0 ohm
R53	033-4731-15	1/10W 47k ohm
R63	033-2231-15	1/10W 22k ohm
R64	033-2231-15	1/10W 22k ohm
R65	033-4731-15	1/10W 47k ohm
R66	033-4731-15	1/10W 47k ohm

REF No.	PART No.	DESCRIPTION
R100	033-1011-15	1/10W 100 ohm
R101	033-1011-15	1/10W 100 ohm
R102	033-1011-15	1/10W 100 ohm
R103	033-1011-15	1/10W 100 ohm
R104	033-1011-15	1/10W 100 ohm
R105	033-1011-15	1/10W 100 ohm
R106	033-1011-15	1/10W 100 ohm
R107	033-4731-15	1/10W 47k ohm
R200	033-1051-15	1/10W 1M ohm
R201	033-1021-15	1/10W 1k ohm
R202	033-1021-15	1/10W 1k ohm
R220	033-4731-15	1/10W 47k ohm
R301	119-2231-15	1/10W 22k ohm
R302	119-3911-15	1/10W 390 ohm
X1	061-3534-90	16.92MHz
PWB	039-2531-20	PWB(WITHOUT COMPONENT)

Sensor PWB(B4) section

REF No.	PART No.	DESCRIPTION
PT3	060-0252-01	PT4850F
PT4	060-0252-01	PT4850F
PT5	060-0252-01	PT4850F
PT6	060-0252-01	PT4850F

REF No.	PART No.	DESCRIPTION
S1	013-7414-50	SPVG22
PWB	039-1956-00	PWB(WITHOUT COMPONENT)

PIM-FPC(B5) section

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

Driver PWB(B6) 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	1/10W 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
PWB	039-2242-00	PWB(WITHOUT COMPONENT)

PIV-FPC(B7) section

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

LED-L-PWB(B8) section

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

REF No.	PART No.	DESCRIPTION
PWB	039-1954-20	PWB(WITHOUT COMPONENT)

LED-R-PWB(B9) section

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

REF No.	PART No.	DESCRIPTION
PWB	039-1955-20	PWB(WITHOUT COMPONENT)

L-Motor-FPC(B10) section

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

M/S-FPC(B11) section

REF No.	PART No.	DESCRIPTION
M2	SMA-185-101	SPINDLE

REF No.	PART No.	DESCRIPTION
M3	SMA-191-100	SLED

REF No.	PART No.	DESCRIPTION
S2	013-7414-50	SPVG22