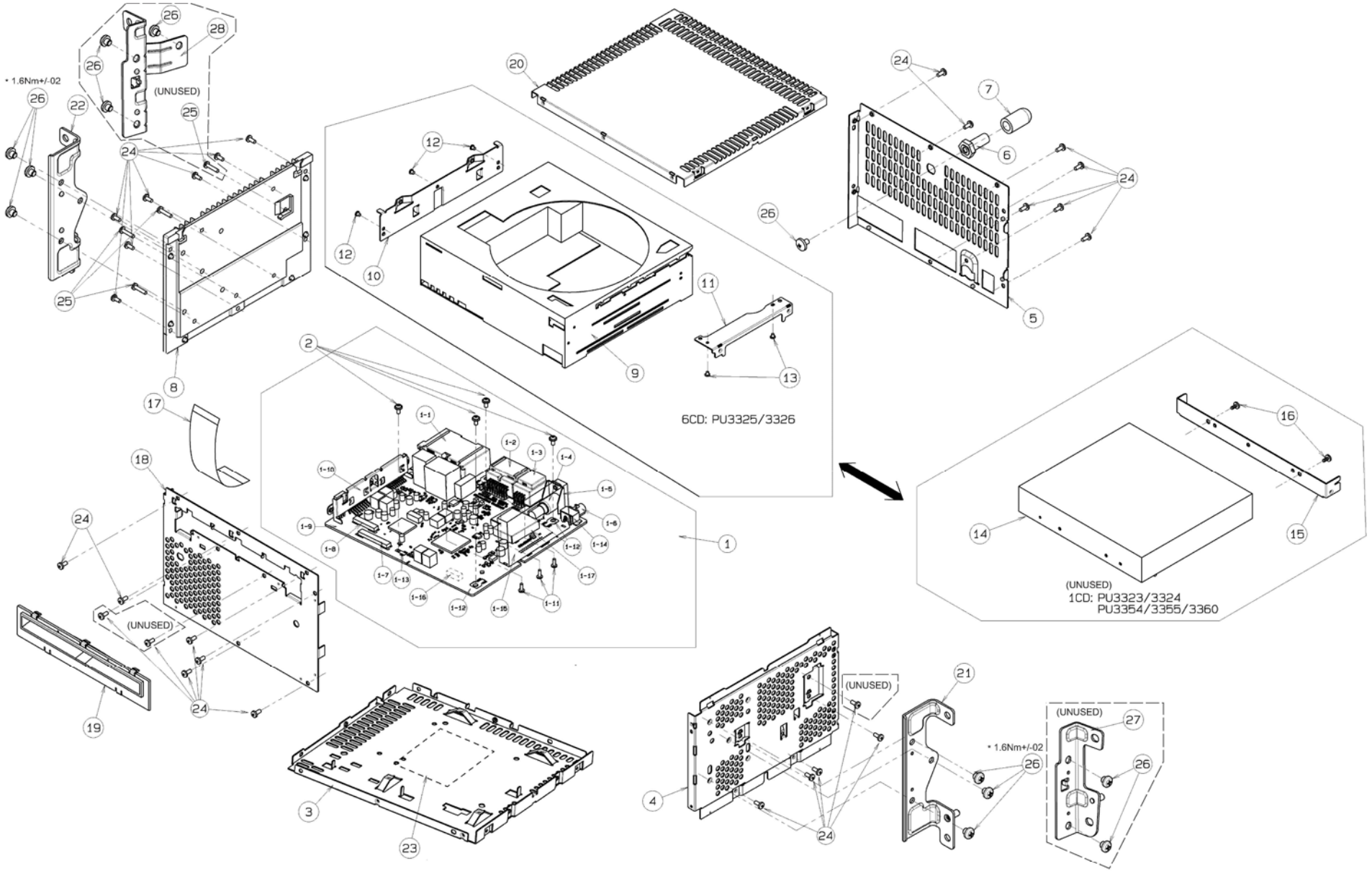
EXPLODED VIEW / PARTS LIST



NOTE
1. 21 22 (MTG-BRKT-ASSY)
1.6Nm±0.2

NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	MAIN-PWB-ASSY	1
1-1	074-4032-24	CONNECTOR	1
1-2	074-4032-16	CONNECTOR	1
1-3	074-4032-08	CONNECTOR	1
1-4	092-2228-60	ANT-RECEPT	1
1-5	331-4433-00	ANT-HOLDER	1
1-6	092-2233-00	ANT-RECEPT	1
1-7	----------	OUTLET SOCKET(unused)	-
1-8	074-1237-69	OUTLET SOCKET	-
1-9	----------	MAIN PWB(369900-039)	1
1-10	331-4432-01	IC-HOLDER	1
1-11	716-3617-00	SPECIAL SCREW	3
1-12	073-0762-90	TERMINAL	3
1-13	073-0768-90	TERMINAL	1
1-14	331-4427-01	ANT BRKT	1
1-15	941-0240-41	SIRIUS MODULE	1
1-16	076-0484-58	CONNECTOR	1
1-17	331-5038-00	SHIELD CASES	1
2	716-0878-50	PECIAL SCREWLOW	4
3	304-0513-00	LOWER-CVR	1
4	305-0349-10	SIDE PLATE	1
5	307-0783-00	REAR PLATE	1
6	716-3607-00	REAR BOLT	1

NO.	PART NO.	DESCRIPTION	Q'TY
7	345-6054-00	RUBBER PART	1
8	313-2020-02	HEAT SINK	1
9	929-0400-83	CD-CHANG-MODULE	1
10	331-4434-00	MECH BRKT(L)	1
11	331-4435-00	MECH BRKT(R)	1
12	716-3552-00	SPECIAL SCREW	3
13	716-1799-00	SPECIAL SCREW	2
14	----------	CD-MECH-MODULE(unused)	-
15	----------	MECH BRKT(1CD)(unused)	-
16	----------	MACHINE SCREW(unused)	-
17	816-4067-50	FLAT WIRE	1
18	309-0847-02	FRONT PLATE	1
19	335-8125-01	DISC GUIDE	1
20	303-0494-00	UPPER CVR	1
21	300-8145-01	MTG-BRKT-ASSY(R)	1
22	300-8144-01	MTG-BRKT-ASSY(L)	1
23	276-0736-16	SETPLATE	1
24	714-2606-8B	MACHINE SCREW	24
25	714-2612-8H	MACHINE SCREW	3
26	714-5006-8B	MACHINE SCREW	7
27	----------	MTG-BRKT-ASSY(R)(unused)	-
28	----------	MTG-BRKT-ASSY(L)(unused)	-

ELECTRICAL PARTS LIST

MAIN PWB(B1) sction

REF No.	PART No.	DESCRIPTION
ANT102	092-2233-00	ANT-RECEPT
ANT104	092-2228-60	ANT-RECEPT
BL101	941-0240-41	81UMSR5C.GP2AG
C101	045-2201-50	22pFJ CH
C102	046-1022-58	50V 1000pF
C103	046-1022-58	50V 1000pF
C104	045-4796-50	4.7pFJ CH
C105	046-1032-78	16V 0.01uF
C106	045-1201-50	12pFJ CH
C107	046-1042-78	16V 0.1uF
C108	045-1011-50	100pFJ CH
C109	045-4701-50	47pF CH
C110	046-1022-58	50V 1000pF
C111	----------	(UNUSED)
C112	045-1801-50	18pFJ CH
C113	----------	(UNUSED)
C114	----------	(UNUSED)
C115	045-2701-50	27pFJ CH
C116	----------	(UNUSED)
C117	----------	(UNUSED)
C118	046-3922-58	3900pF K B
C119	046-1022-58	50V 1000pF
C120	----------	(UNUSED)
C121	168-1042-78	16V 0.1uF K
C122	046-1032-78	16V 0.01uF
C123	----------	(UNUSED)
C124	046-1032-78	16V 0.01uF
C125	----------	(UNUSED)
C126	----------	(UNUSED)
C127	----------	(UNUSED)
C128	----------	(UNUSED)
C129	----------	(UNUSED)
C130	----------	(UNUSED)
C131	----------	(UNUSED)
C132	----------	(UNUSED)
C133	046-3322-58	3300pF K B
C134	----------	(UNUSED)
C135	046-2232-78	0.022uF K B
C136	----------	(UNUSED)
C137	166-1011-50	100pF CH
C138	166-1011-50	100pF CH
C139	046-1022-58	50V 1000pF
C140	166-1011-50	100pF CH
C141	166-1011-50	100pF CH
C142	046-2232-78	0.022uF K B
C143	163-2273-25	10V 220uF
C144	165-1073-35	16V 100uF
C145	168-2242-58	0.22uF K
C146	046-2232-78	0.022uF K B
C147	046-2232-78	0.022uF K B
C148	046-2232-78	0.022uF K B
C149	046-2232-78	0.022uF K B
C150	----------	(UNUSED)
C151	----------	(UNUSED)
C152	----------	(UNUSED)
C153	----------	(UNUSED)
C154	----------	(UNUSED)
C155	----------	(UNUSED)
C156	----------	(UNUSED)
C157	----------	(UNUSED)
C171	046-1022-58	50V 1000pF
C172	----------	(UNUSED)
C191	----------	(UNUSED)
C201	165-4753-55	35V 4.7uF
C202	165-4753-55	35V 4.7uF
C203	----------	(UNUSED)
C204	----------	(UNUSED)
C205	168-1052-78	16V 1uF K
C206	046-1042-78	16V 0.1uF
C207	046-1042-78	16V 0.1uF
C208	046-1042-78	16V 0.1uF
C209	046-1042-78	16V 0.1uF

REF No.	PART No.	DESCRIPTION
C210	168-1042-78	16V 0.1uF K
C211	046-2232-78	0.022uF K B
C212	046-2232-78	0.022uF K B
C213	046-2232-78	0.022uF K B
C214	046-2232-78	0.022uF K B
C215	046-1042-78	16V 0.1uF
C216	168-2232-55	0.022uF K
C217	166-9097-50	9pF +/-0.5pF CH
C218	168-1042-78	16V 0.1uF K
C219	166-9097-50	9pF +/-0.5pF CH
C220	----------	(UNUSED)
C221	165-4753-55	35V 4.7uF
C222	168-1042-78	16V 0.1uF K
C223	165-2263-15	6.3V 22uF
C224	168-4732-78	0.047uF K
C225	----------	(UNUSED)
C226	046-1042-78	16V 0.1uF
C227	----------	(UNUSED)
C228	165-1073-15	6.3V 100uF
C230	043-6400-90	16V 4.7uF K
C231	046-1042-78	16V 0.1uF
C232	168-2232-55	0.022uF K
C233	046-2232-78	0.022uF K B
C234	----------	(UNUSED)
C235	043-6400-90	16V 4.7uF K
C236	----------	(UNUSED)
C240	165-2263-15	6.3V 22uF
C241	----------	(UNUSED)
C242	046-1042-78	16V 0.1uF
C243	168-1052-78	16V 1uF K
C244	168-2232-55	0.022uF K
C245	168-2232-55	0.022uF K
C246	----------	(UNUSED)
C247	165-4763-15	6.3V 47uF
C248	168-2222-55	2200pF K
C249	168-2222-55	2200pF K
C250	046-1042-78	16V 0.1uF
C251	046-1042-78	16V 0.1uF
C252	046-4712-58	470pF K B
C253	046-1042-78	16V 0.1uF
C254	046-2232-78	0.022uF K B
C255	045-1011-50	100pFJ CH
C256	----------	(UNUSED)
C257	046-3322-58	3300pF K B
C258	045-1011-50	100pFJ CH
C259	046-3322-58	3300pF K B
C260	046-3322-58	3300pF K B
C261	046-3322-58	3300pF K B
C262	046-3322-58	3300pF K B
C263	046-3322-58	3300pF K B
C264	168-1052-78	16V 1uF K
C265	166-2211-50	220pF CH
C266	----------	(UNUSED)
C267	042-2273-25	10V 220uF M
C268	----------	(UNUSED)
C269	----------	(UNUSED)
C270	046-1042-78	16V 0.1uF
C271	168-1052-78	16V 1uF K
C272	046-1042-78	16V 0.1uF
C273	168-1052-78	16V 1uF K
C274	----------	(UNUSED)
C275	----------	(UNUSED)
C276	166-2211-50	220pF CH
C277	----------	(UNUSED)
C278	166-2211-50	220pF CH
C279	168-1052-78	16V 1uF K
C280	178-1055-79	1uF
C281	168-2722-55	2700pF K
C282	168-2722-55	2700pF K
C283	178-1055-79	1uF
C284	178-1055-79	1uF
C285	168-2722-55	2700pF K

REF No.	PART No.	DESCRIPTION
C286	168-2722-55	2700pF K
C287	178-1055-79	1uF
C288	166-2211-50	220pF CH
C290	----------	(UNUSED)
C291	045-1011-50	100pFJ CH
C292	046-1042-78	16V 0.1uF
C293	168-1042-78	16V 0.1uF K
C294	168-1042-78	16V 0.1uF K
C295	046-1042-78	16V 0.1uF
C299	166-2211-50	220pF CH
C301	----------	(UNUSED)
C302	----------	(UNUSED)
C303	----------	(UNUSED)
C304	046-1032-78	16V 0.01uF
C379	165-1073-35	16V 100uF
C400	042-1767-90	16V 470uF
C401	042-1767-90	16V 470uF
C402	178-1042-78	0.1uF
C403	----------	(UNUSED)
C404	178-1042-78	0.1uF
C405	----------	(UNUSED)
C406	046-1042-78	16V 0.1uF
C407	165-1063-35	16V 10uF
C408	----------	(UNUSED)
C409	046-1042-78	16V 0.1uF
C410	168-1042-78	16V 0.1uF K
C412	046-1042-78	16V 0.1uF
C413	046-1042-78	16V 0.1uF
C414	042-1767-90	16V 470uF
C415	178-1042-78	0.1uF
C416	----------	(UNUSED)
C417	178-2222-78	2200pF
C418	178-2222-78	2200pF
C419	178-2222-78	2200pF
C420	178-2222-78	2200pF
C421	178-2222-78	2200pF
C422	178-2222-78	2200pF
C423	178-2222-78	2200pF
C424	178-2222-78	2200pF
C425	178-1022-78	1000pF
C426	178-1022-78	1000pF
C427	178-1022-78	1000pF
C428	178-1022-78	1000pF
C429	168-1022-55	1000pF K
C430	168-1042-78	16V 0.1uF K
C431	178-1042-78	0.1uF
C432	178-1042-78	0.1uF
C433	----------	(UNUSED)
C434	165-2263-35	16V 22uF
C435	168-3332-78	0.033uF K
C436	043-6400-90	16V 4.7uF K
C437	178-2222-78	2200pF
C438	178-2222-78	2200pF
C440	----------	(UNUSED)
C441	178-2222-78	2200pF
C442	178-2222-78	2200pF
C443	178-2222-78	2200pF
C444	176-1011-59	100pF SL
C445	176-1011-59	100pF SL
C446	178-2222-78	2200pF
C447	168-1045-56	25V 0.1uF Z
C448	165-2263-15	6.3V 22uF
C449	178-2222-78	2200pF
C450	178-2222-78	2200pF
C451	178-2222-78	2200pF
C452	178-2222-78	2200pF
C453	----------	(UNUSED)
C454	166-1011-50	100pF CH
C455	168-2245-79	0.22uF Z
C457	178-2222-78	2200pF
C458	----------	(UNUSED)
C459	165-2263-35	16V 22uF

REF No.	PART No.	DESCRIPTION
C460	165-2263-35	16V 22uF
C461	046-1042-78	16V 0.1uF
C462	165-2263-35	16V 22uF
C463	046-1042-78	16V 0.1uF
C464	165-1063-35	16V 10uF
C499	----------	(UNUSED)
C500	----------	(UNUSED)
C503	165-2253-65	50V 2.2uF
C504	168-1052-78	16V 1uF K
C505	178-2255-79	2.2uF
C506	178-2255-79	2.2uF
C507	178-2255-79	2.2uF
C508	178-2255-79	2.2uF
C509	165-2263-55	35V 22uF
C510	043-0499-51	50V 0.1uF J
C511	042-1717-00	16V 3300uF
C515	046-1822-38	1800pF K B
C516	046-1822-38	1800pF K B
C519	178-4742-78	0.47uF
C520	046-1822-38	1800pF K B
C521	046-1822-38	1800pF K B
C522	178-4742-78	0.47uF
C524	178-4742-78	0.47uF
C525	168-1052-78	16V 1uF K
C527	178-4742-78	0.47uF
C533	----------	(UNUSED)
C534	----------	(UNUSED)
C535	----------	(UNUSED)
C536	----------	(UNUSED)
C542	168-1052-78	16V 1uF K
C544	165-2263-15	6.3V 22uF
C545	165-2263-15	6.3V 22uF
C547	168-4742-78	0.47uF K
C549	166-1007-50	10pF CH
C553	168-2222-55	2200pF K
C554	166-1007-50	10pF CH
C555	166-1007-50	10pF CH
C556	168-1042-78	16V 0.1uF K
C557	165-2263-35	16V 22uF
C558	165-2253-65	50V 2.2uF
C560	166-8211-50	820pF CH
C563	166-1007-50	10pF CH
C564	168-4742-78	0.47uF K
C600	166-1801-50	18pF CH
C601	046-1032-78	16V 0.01uF
C602	045-1011-50	100pFJ CH
C603	046-1042-78	16V 0.1uF
C604	165-4753-55	35V 4.7uF
C605	165-4753-55	35V 4.7uF
C607	168-1042-78	16V 0.1uF K
C608	042-4022-90	6.3V 1000uF
C609	042-4022-90	6.3V 1000uF
C610	168-1052-78	16V 1uF K
C611	168-1022-55	1000pF K
C612	168-1042-78	16V 0.1uF K
C613	046-1032-78	16V 0.01uF
C616	046-1042-78	16V 0.1uF
C680	----------	(UNUSED)
C9001	----------	(UNUSED)
C9001	----------	(UNUSED)
C9002	----------	(UNUSED)
C9002	----------	(UNUSED)
C9003	----------	(UNUSED)
D101	001-9013-90	BA891
D102	001-9013-90	BA891
D104	001-2606-90	M1FS4
D105	001-0529-14	MA8030-L
D106	----------	(UNUSED)
D400	----------	(UNUSED)
D401	----------	(UNUSED)
D402	001-0592-00	RM4Z
D403	001-4326-50	RSB27F2T106
D404	001-0516-90	MA111
D406	001-1304-90	DAN202U
D409	001-0516-90	MA111
D410	001-0516-90	MA111

REF No.	PART No.	DESCRIPTION
D411	001-4312-42	02DZ7.5Z TPH3-F
D412	001-4312-42	02DZ7.5Z TPH3-F
D414	001-0516-90	MA111
D416	001-0516-90	MA111
D418	----------	(UNUSED)
D419	001-4313-52	HZU7CZL
D420	001-0516-90	MA111
D422	----------	(UNUSED)
D423	----------	(UNUSED)
D501	001-4312-21	02DZ3.9Z TPH3-F
D502	001-0516-90	MA111
D505	001-1304-90	DAN202U
D601	----------	(UNUSED)
D603	----------	(UNUSED)
D9001	----------	(UNUSED)
IC101	051-4025-90	TEF7000
IC201	----------	SAF7741HV N125(DSP:Center pad type IC)(674700-051)
IC401	051-3510-01	TDA3681JR/N2C
IC402	----------	(UNUSED)
IC403	051-3584-90	BU33TA2WHFV-TR
IC404	051-3577-90	S1206B33U3T1G
IC405	051-3218-90	TA76431F
IC406	----------	(UNUSED)
IC407	051-6653-80	SN65HVD1040 QDRQ1
IC408	----------	(UNUSED)
IC501	051-2068-00	TDA7562B
IC503	051-3057-90	BA4558RFV
IC504	051-3057-90	BA4558RFV
IC601	051-7108-80	HEF4053B-MSI
IC602	----------	uPD70F3351GC-8EA-A(Combination software:Software should be written on production)(031610-052)
IC603	051-5423-08	S-80929CLMC-G6Z
IC604	----------	BR24S16FVT-WTR(EEPROM Date:Software should be written on production)(942680-051)
J302	----------	(UNUSED)
J401	074-4032-24	24P
J402	074-4032-08	8P
J403	074-4032-16	16P
J601	076-0484-58	5pin
J602	074-1237-69	19P
L101	010-3406-56	3.3uH J
L102	010-3062-54	290nH
L103	010-3439-50	047uH
L104	010-3062-54	290nH
L105	010-3439-51	1.8uH
L106	010-3062-53	0.215uH
L107	010-2290-52	330uH
L108	010-2290-52	330uH
L109	010-3440-50	6.8uH
L110	010-2285-64	1k ohm/100MHz
L201	010-2285-64	1k ohm/100MHz
L202	010-2285-64	1k ohm/100MHz
L203	010-2285-64	1k ohm/100MHz
L204	010-3132-90	600 ohm/100MHz
L205	010-2285-64	1k ohm/100MHz
L206	010-2285-64	1k ohm/100MHz
L207	010-2285-64	1k ohm/100MHz
L208	010-2285-64	1k ohm/100MHz
L209	010-2285-64	1k ohm/100MHz
L292	010-2285-64	1k ohm/100MHz
L294	010-2285-64	1k ohm/100MHz
L295	010-2285-64	1k ohm/100MHz
L296	010-2285-64	1k ohm/100MHz
L401	010-8049-00	145uH

REF No.	PART No.	DESCRIPTION
L402	----------	(UNUSED)
L601	010-3105-62	1k ohm/100MHz
L602	010-3105-62	1k ohm/100MHz
Q104	125-2046-91	DTC114EUBTL
Q105	----------	(UNUSED)
Q201	125-7021-90	RQ1A060ZPTR
Q400	192-4081-60	2SC4081UBTL
Q401	192-4081-60	2SC4081UBTL
Q402	----------	(UNUSED)
Q403	----------	(UNUSED)
Q405	192-4081-60	2SC4081UBTL
Q406	125-2046-91	DTC114EUBTL
Q407	103-2394-00	2SD2394
Q408	192-4081-60	2SC4081UBTL
Q410	125-2046-91	DTC114EUBTL
Q412	125-9015-92	RN4902
Q413	192-4081-60	2SC4081UBTL
Q414	192-4081-60	2SC4081UBTL
Q418	125-9015-92	RN4902
Q421	----------	(UNUSED)
Q424	----------	(UNUSED)
Q502	125-9015-92	RN4902
Q504	125-2046-91	DTC114EUBTL
Q510	125-0035-92	DTA124EUBTL
Q511	125-2042-90	DTC614TU-T106
Q512	192-4081-60	2SC4081UBTL
Q513	125-2042-90	DTC614TU-T106
Q601	125-2046-92	DTC124EUBTL
Q602	192-4081-60	2SC4081UBTL
R101	033-4741-15	1/16W 470k ohm J
R103	033-4741-15	1/16W 470k ohm J
R104	033-3311-15	1/16W 330 ohm J
R105	033-1811-15	1/16W 180 ohm J
R106	----------	(UNUSED)
R107	033-5601-15	1/16W 56 ohm J
R109	----------	(UNUSED)
R110	----------	(UNUSED)
R111	----------	(UNUSED)
R113	119-1001-15	1/10W 10 ohm
R114	119-1001-15	1/10W 10 ohm
R116	119-1011-15	1/10W 100 ohm
R117	119-1011-15	1/10W 100 ohm
R118	119-1011-15	1/10W 100 ohm
R120	----------	(UNUSED)
R121	----------	(UNUSED)
R122	033-1031-15	1/16W 10k ohm J
R123	033-2231-15	1/16W 22k ohm J
R124	033-1031-15	1/16W 10k ohm J
R125	119-1011-15	1/10W 100 ohm
R126	119-1011-15	1/10W 100 ohm
R127	119-1011-15	1/10W 100 ohm
R128	119-0000-05	1/10W 0 ohm JW
R129	033-3921-15	1/16W 3.9k ohm J
R130	----------	(UNUSED)
R131	033-1031-15	1/16W 10k ohm J
R132	033-0000-05	1/16W 0 ohm
R133	033-0000-05	1/16W 0 ohm
R134	033-0000-05	1/16W 0 ohm
R135	033-0000-05	1/16W 0 ohm
R136	033-0000-05	1/16W 0 ohm
R147	033-0000-05	1/16W 0 ohm
R148	033-0000-05	1/16W 0 ohm
R191	033-4701-15	1/16W 47 ohm J
R201	119-1031-15	1/10W 10k ohm
R202	033-0000-05	1/16W 0 ohm
R203	033-0000-05	1/16W 0 ohm
R205	119-0000-05	1/10W 0 ohm JW
R207	119-1031-15	1/10W 10k ohm
R208	119-1031-15	1/10W 10k ohm
R211	119-0000-05	1/10W 0 ohm JW
R212	119-2201-15	1/10W 22 ohm
R216	119-4731-15	1/10W 47k ohm
R217	119-0000-05	1/10W 0 ohm JW
R218	119-0000-05	1/10W 0 ohm JW
R219	----------	(UNUSED)
R220	119-1001-15	1/10W 10 ohm

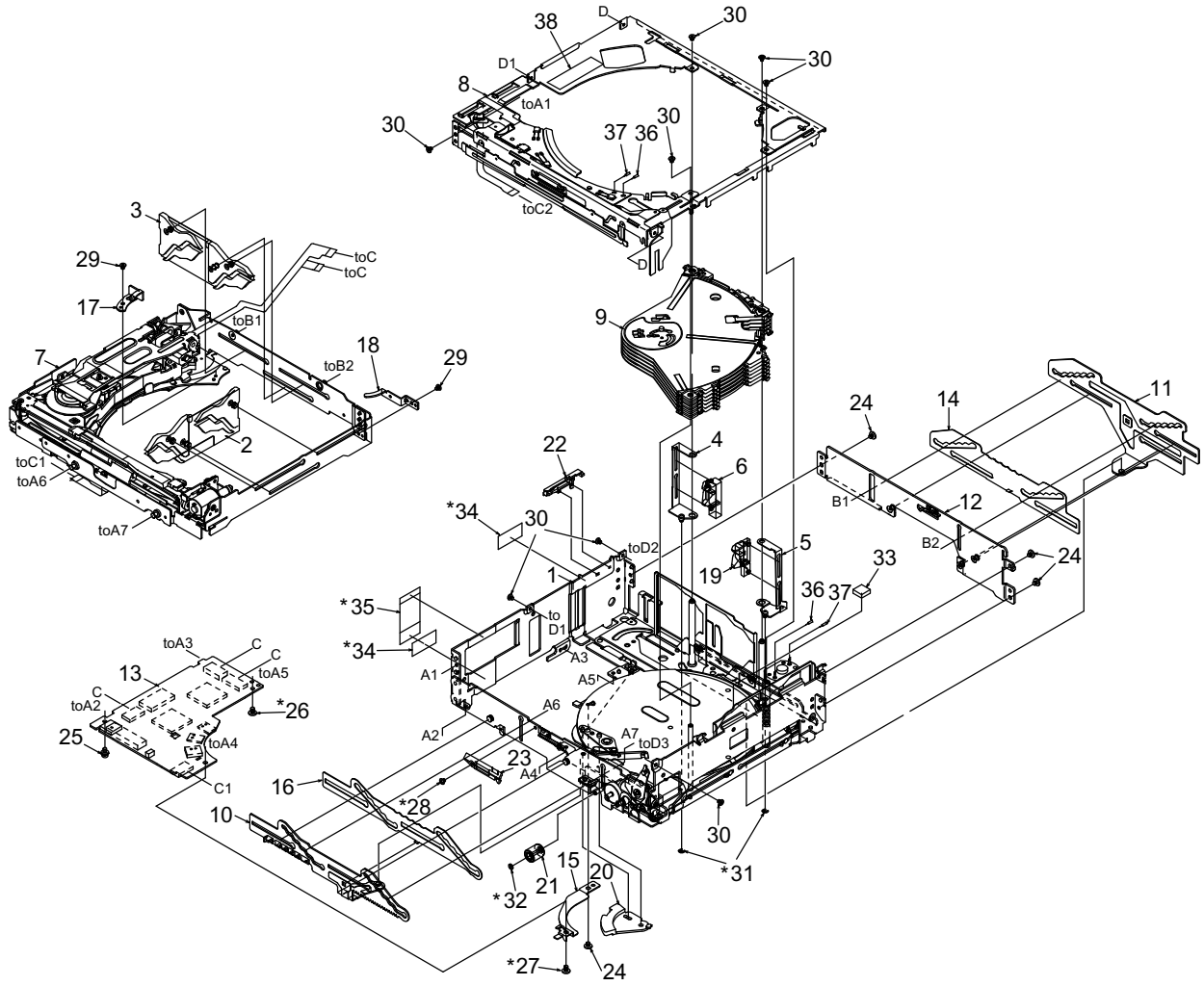
REF No.	PART No.	DESCRIPTION
R221	----------	(UNUSED)
R222	119-4731-15	1/10W 47k ohm
R223	119-0000-05	1/10W 0 ohm JW
R224	119-0000-05	1/10W 0 ohm JW
R225	119-1241-15	1/10W 120k ohm
R226	----------	(UNUSED)
R227	033-8221-15	1/16W 8.2k ohm J
R228	119-0000-05	1/10W 0 ohm JW
R229	----------	(UNUSED)
R230	033-1011-15	1/16W 100 ohm J
R231	033-1011-15	1/16W 100 ohm J
R232	032-0140-99	1/10W 39k ohm F
R233	033-0000-05	1/16W 0 ohm
R234	033-0000-05	1/16W 0 ohm
R235	032-0140-99	1/10W 39k ohm F
R236	032-0140-95	1/10W 20k ohm F
R237	032-0140-95	1/10W 20k ohm F
R238	032-0140-95	1/10W 20k ohm F
R239	032-0140-95	1/10W 20k ohm F
R240	119-2031-15	1/10W 20k ohm
R241	119-2031-15	1/10W 20k ohm
R242	119-1001-15	1/10W 10 ohm
R243	032-0140-89	1/10W 47k ohm F
R244	119-0000-05	1/10W 0 ohm JW
R245	033-1011-15	1/16W 100 ohm J
R246	032-0140-89	1/10W 47k ohm F
R247	032-0140-89	1/10W 47k ohm F
R248	119-0000-05	1/10W 0 ohm JW
R249	119-1041-15	1/10W 100k ohm
R251	032-0140-89	1/10W 47k ohm F
R252	032-0140-62	1/10W 1k ohm F
R253	032-0140-62	1/10W 1k ohm F
R254	032-0140-62	1/10W 1k ohm F
R255	032-0140-62	1/10W 1k ohm F
R256	032-0140-99	1/10W 39k ohm F
R257	033-0000-05	1/16W 0 ohm
R258	032-0140-99	1/10W 39k ohm F
R259	119-0000-05	1/10W 0 ohm JW
R260	119-1041-15	1/10W 100k ohm
R261	119-0000-05	1/10W 0 ohm JW
R263	033-1031-15	1/16W 10k ohm J
R264	----------	(UNUSED)
R291	117-0000-05	1/8W 0 ohm JW
R301	----------	(UNUSED)
R400	116-2011-15	1/4W 200 ohm
R401	119-1041-15	1/10W 100k ohm
R402	----------	(UNUSED)
R403	----------	(UNUSED)
R404	033-1021-15	1/16W 1k ohm J
R405	033-1021-15	1/16W 1k ohm J
R406	033-1021-15	1/16W 1k ohm J
R407	----------	(UNUSED)
R408	----------	(UNUSED)
R409	032-0140-56	1/10W 12k ohm F
R410	032-0140-80	1/10W 18k ohm F
R411	----------	(UNUSED)
R412	033-3321-15	1/16W 3.3k ohm J
R413	----------	(UNUSED)
R414	119-9121-15	1/10W 9.1k ohm
R415	----------	(UNUSED)
R416	----------	(UNUSED)
R417	----------	(UNUSED)
R418	119-0000-05	1/10W 0 ohm JW
R420	119-4721-15	1/10W 4.7k ohm
R421	119-3921-15	1/10W 3.9k ohm
R422	----------	(UNUSED)
R423	119-3921-15	1/10W 3.9k ohm
R424	----------	(UNUSED)
R425	116-5611-15	1/4W 560 ohm
R426	116-5611-15	1/4W 560 ohm
R427	----------	(UNUSED)
R428	----------	(UNUSED)
R430	119-1031-15	1/10W 10k ohm
R431	119-2731-15	1/10W 27k ohm
R432	----------	(UNUSED)
R433	119-2221-15	1/10W 2.2k ohm

REF No.	PART No.	DESCRIPTION
R436	119-2221-15	1/10W 2.2k ohm
R439	119-2231-15	1/10W 22k ohm
R440	119-1031-15	1/10W 10k ohm
R441	119-4711-15	1/10W 470 ohm
R442	119-1031-15	1/10W 10k ohm
R443	119-2231-15	1/10W 22k ohm
R444	119-1031-15	1/10W 10k ohm
R445	119-4711-15	1/10W 470 ohm
R446	119-1031-15	1/10W 10k ohm
R448	----------	(UNUSED)
R449	119-1031-15	1/10W 10k ohm
R451	033-1021-15	1/16W 1k ohm J
R456	----------	(UNUSED)
R457	119-2241-15	1/10W 220k ohm
R458	119-1021-15	1/10W 1k ohm
R459	119-2231-15	1/10W 22k ohm
R460	----------	(UNUSED)
R461	----------	(UNUSED)
R463	119-1041-15	1/10W 100k ohm
R464	119-1041-15	1/10W 100k ohm
R465	119-1041-15	1/10W 100k ohm
R466	119-5621-15	1/10W 5.6k ohm
R467	----------	(UNUSED)
R468	----------	(UNUSED)
R469	119-1041-15	1/10W 100k ohm
R470	119-1041-15	1/10W 100k ohm
R471	033-1011-15	1/16W 100 ohm J
R472	119-1231-15	1/10W 12k ohm
R473	----------	(UNUSED)
R474	----------	(UNUSED)
R475	116-2011-15	1/4W 200 ohm
R476	116-2011-15	1/4W 200 ohm
R477	116-2011-15	1/4W 200 ohm
R478	032-0163-90	1/2W 47 ohm
R479	032-0163-90	1/2W 47 ohm
R480	----------	(UNUSED)
R501	----------	(UNUSED)
R502	----------	(UNUSED)
R503	033-8221-15	1/16W 8.2k ohm J
R504	033-0000-05	1/16W 0 ohm
R505	----------	(UNUSED)
R507	033-1021-15	1/16W 1k ohm J
R509	033-1021-15	1/16W 1k ohm J
R512	033-8221-15	1/16W 8.2k ohm J
R513	119-4721-15	1/10W 4.7k ohm
R514	119-2231-15	1/10W 22k ohm
R515	033-8221-15	1/16W 8.2k ohm J
R516	033-8221-15	1/16W 8.2k ohm J
R517	033-3331-15	1/16W 33k ohm J
R518	033-3331-15	1/16W 33k ohm J
R519	033-3331-15	1/16W 33k ohm J
R520	033-3331-15	1/16W 33k ohm J
R521	033-1021-15	1/16W 1k ohm J
R523	033-1021-15	1/16W 1k ohm J
R529	119-1031-15	1/10W 10k ohm
R530	119-1021-15	1/10W 1k ohm
R533	119-1031-15	1/10W 10k ohm
R534	119-1031-15	1/10W 10k ohm
R539	119-1031-15	1/10W 10k ohm
R541	119-1031-15	1/10W 10k ohm
R542	119-1001-15	1/10W 10 ohm
R543	117-4711-15	1/8W 470 ohm
R544	119-2031-15	1/10W 20k ohm
R545	033-1021-15	1/16W 1k ohm J
R546	119-2231-15	1/10W 22k ohm
R548	119-2231-15	1/10W 22k ohm
R549	033-4731-15	1/16W 47k ohm J
R550	119-4731-15	1/10W 47k ohm
R551	033-1031-15	1/16W 10k ohm J
R552	119-2231-15	1/10W 22k ohm
R553	117-4711-15	1/8W 470 ohm
R554	119-2231-15	1/10W 22k ohm
R555	117-4711-15	1/8W 470 ohm
R556	033-3331-15	1/16W 33k ohm J
R557	033-1031-15	1/16W 10k ohm J
R558	119-2231-15	1/10W 22k ohm

REF No.	PART No.	DESCRIPTION
R559	119-4731-15	1/10W 47k ohm
R560	033-1031-15	1/16W 10k ohm J
R561	119-2031-15	1/10W 20k ohm
R562	119-2231-15	1/10W 22k ohm
R564	117-4711-15	1/8W 470 ohm
R565	119-1041-15	1/10W 100k ohm
R568	119-1041-15	1/10W 100k ohm
R571	033-1011-15	1/16W 100 ohm J
R572	033-1011-15	1/16W 100 ohm J
R601	----------	(UNUSED)
R602	----------	(UNUSED)
R603	033-1011-15	1/16W 100 ohm J
R608	033-3331-15	1/16W 33k ohm J
R609	119-1011-15	1/10W 100 ohm
R610	----------	(UNUSED)
R611	033-4731-15	1/16W 47k ohm J
R613	----------	(UNUSED)
R614	----------	(UNUSED)
R615	033-3331-15	1/16W 33k ohm J
R616	----------	(UNUSED)
R617	----------	(UNUSED)
R621	033-1021-15	1/16W 1k ohm J
R622	033-1011-15	1/16W 100 ohm J
R623	033-1031-15	1/16W 10k ohm J
R624	033-1011-15	1/16W 100 ohm J
R625	033-1031-15	1/16W 10k ohm J
R627	033-3331-15	1/16W 33k ohm J
R628	033-1041-15	1/16W 100k ohm J
R629	119-3331-15	1/10W 33k ohm
R630	119-3331-15	1/10W 33k ohm
R631	033-4731-15	1/16W 47k ohm J
R632	033-3331-15	1/16W 33k ohm J
R633	033-3331-15	1/16W 33k ohm J
R634	033-3331-15	1/16W 33k ohm J
R635	033-3321-15	1/16W 3.3k ohm J
R636	033-3321-15	1/16W 3.3k ohm J
R637	033-3321-15	1/16W 3.3k ohm J
R642	----------	(UNUSED)
R643	----------	(UNUSED)
R644	----------	(UNUSED)
R646	033-1011-15	1/16W 100 ohm J
R647	033-1011-15	1/16W 100 ohm J
R648	033-3331-15	1/16W 33k ohm J
R649	033-3331-15	1/16W 33k ohm J
R650	033-3331-15	1/16W 33k ohm J
R651	----------	(UNUSED)
R652	033-6831-15	1/16W 68k ohm J
R653	033-3331-15	1/16W 33k ohm J
R654	033-3331-15	1/16W 33k ohm J
R655	033-1231-15	1/16W 12k ohm J
R656	033-1031-15	1/16W 10k ohm J
R657	033-1031-15	1/16W 10k ohm J
R660	032-0148-52	1/16W 24k ohm D
R661	032-0148-52	1/16W 24k ohm D
R670	----------	(UNUSED)
R671	----------	(UNUSED)
R672	033-1021-15	1/16W 1k ohm J
R673	119-3321-15	1/10W 3.3k ohm
R9001	----------	(UNUSED)
R9001	----------	(UNUSED)
R9002	----------	(UNUSED)
R9003	----------	(UNUSED)
SUP101	060-0122-91	DSP-141N-S00B
TC601	004-1589-52	20pF
TH101	002-0330-90	THERMISTOR
TM101	073-0762-90	TERMINAL
TM102	073-0768-90	TERMINAL
TM103	073-0762-90	TERMINAL
TM104	073-0762-90	TERMINAL
X201	061-3537-90	41.6MHz
X601	061-3561-90	AT-41CD2 3.997696MHz
PWB	039-3699-00	PWB(WITHOUT COMPONENT)

EXPLODED VIEW/PARTS LIST

Main section

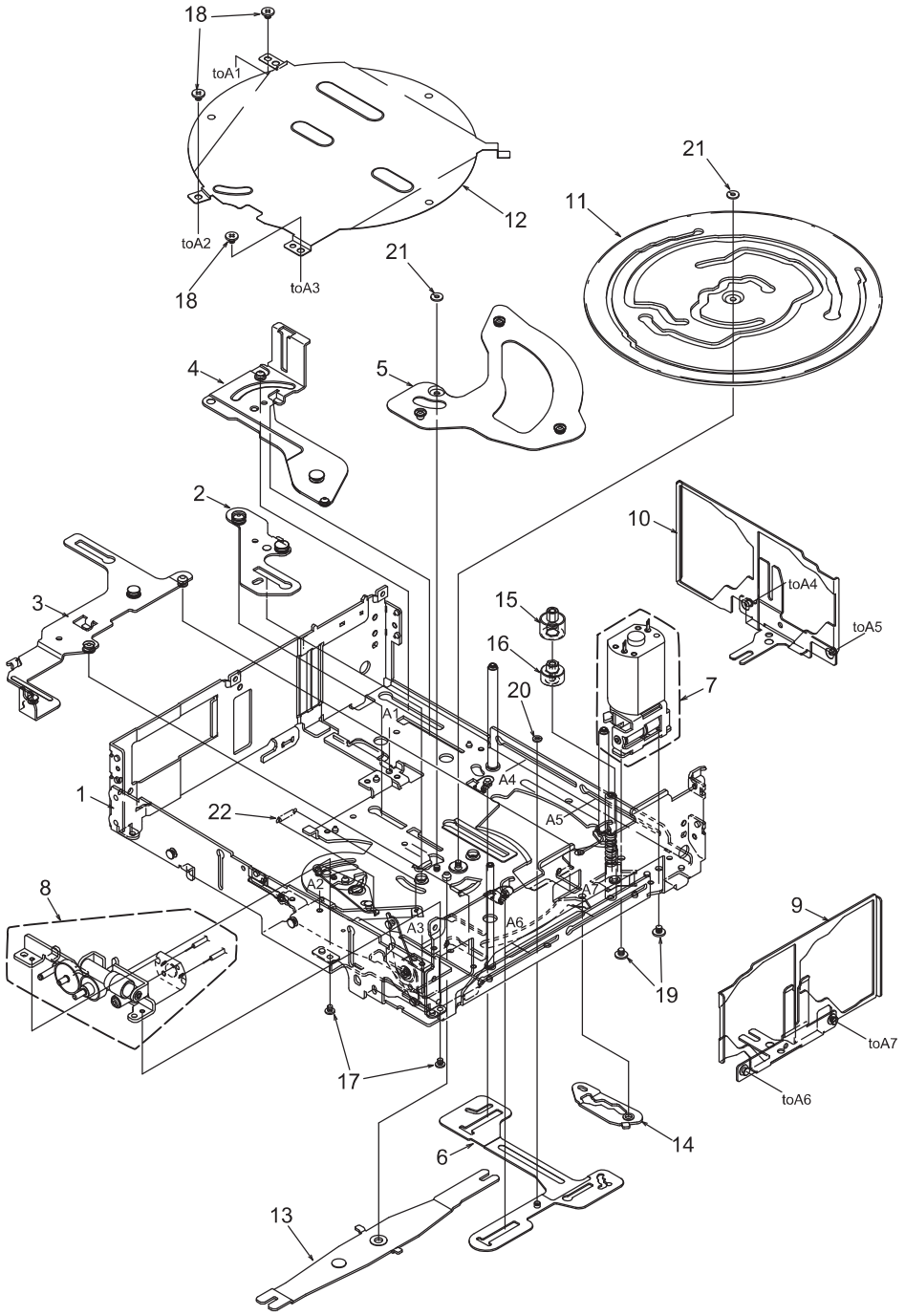


* Do not reuse the following parts.
(No.26,27,28,32,31,34,35)

NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1833-26	LOWER UNIT ASSY	1
2	HBS-617-100	KUSABI-ASSY-S(181520-966)	1
3	HBS-618-100	KUSABI-ASSY-R(181620-966)	1
4	966-1846-20	DS-SP-ASSY L	1
5	966-1847-21	DS-SP ASSY R	1
6	966-0667-21	DISC STP-ASSY L	1
7	966-1844-21	DRIVE-CH UNIT	1
8	966-1840-21	UPPER UNIT N	1
9	HBS-602-100	DISCHOLDER UNIT(188522-966)	1
10	966-1771-21	SLIDE-P-ASSY	1
11	966-1814-21	SLIDE-P-ASSY-R	1
12	966-1874-20	REAR-P-ASSY R	1
13	HBS-621-100	MAIN-PWB-ASSY(0400DH-97)	1
14	620-1662-21	GAP PLATE R	1
15	620-1640-20	SW-H-PLATE	1
16	620-1778-20	GAP PLATE F	1
17	620-1685-21	DS-PLATE L	1
18	620-1686-20	DS-PLATE R	1
19	621-1815-20	DISC STOPPER R	1

NO.	PART NO.	DESCRIPTION	Q'TY
20	621-1812-20	SW LINK	1
21	621-1765-21	UD-GEAR-D	1
22	621-1715-20	FPC-STOPPER	1
23	621-1763-20	LOADING GUIDE B	1
24	716-1850-01	SCREW(M2.0x2)	4
25	716-3598-00	SCREW(M2.0x4)	1
26	716-3599-00	SCREW(M2.0x2 sealock)	1
27	716-3600-00	SCREW(M2.0x3 sealock)	1
28	716-3601-00	SCREW(M1.7x2 sealock)	1
29	716-3450-00	SCREW(M1.7x2.0)	2
30	716-3451-02	SCREW(M1.7x2.5)	8
31	744-0045-01	C-RING	2
32	746-0761-00	WASHER	1
33	345-5824-00	RUBBER PART	1
34	347-8230-00	PROTECT SHEET	2
35	347-8219-00	FPC-SHEET N	1
36	800-4921-60	VINYL-COAT-WIRE	1
37	802-4921-60	VINYL-COAT-WIRE	1
38	293-8575-00	MECH LABEL	1

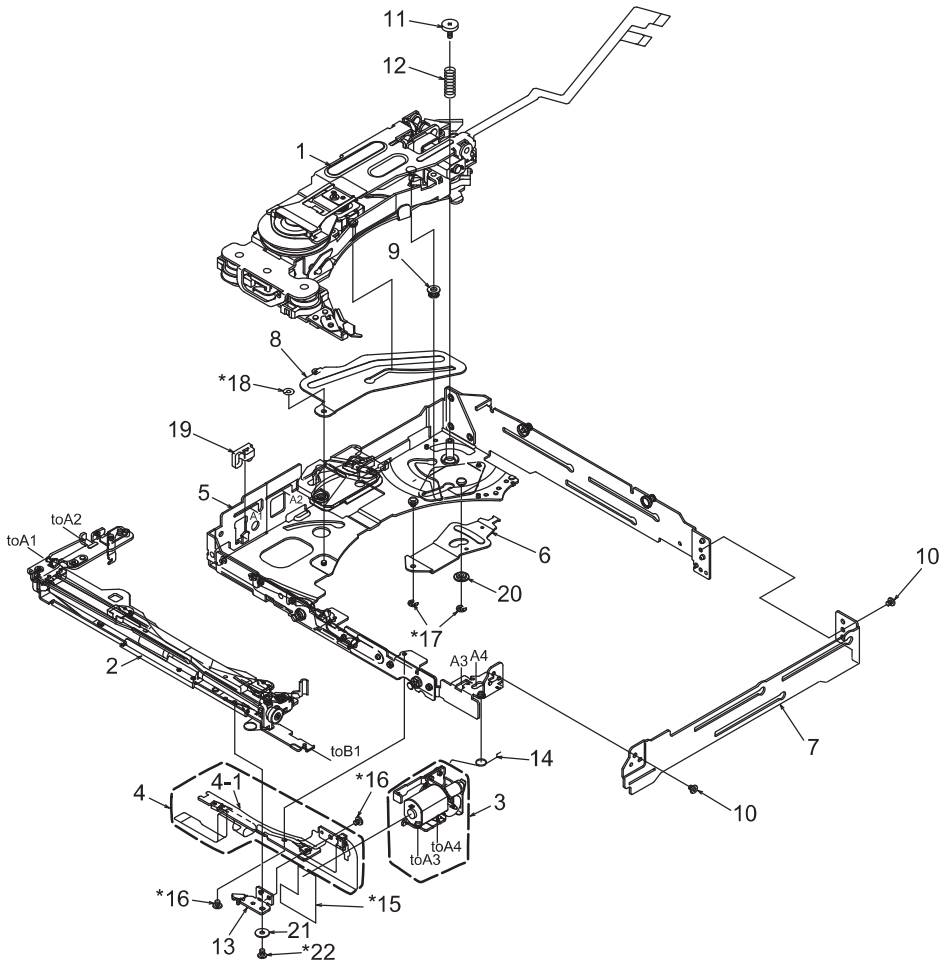
Lower unit assy section



NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1834-24	LOWER-C-ASSY	1
2	966-0658-22	DH-SP-ASSY	1
3	966-1836-20	TATSU-P-ASSY	1
4	966-1832-20	D-SHT PL-B-ASSY	1
5	966-0659-22	DH-SP-ASSY B	1
6	966-1835-92	DS-SP-ASSY	1
7	HBS-622-100	M-MTR SUB ASSY(187520-966)	1
8	HBS-616-100	UD-MOTOR-ASSY(184521-966)	1
9	966-1872-20	INITIAL ASSY S	1
10	966-1873-20	INITIAL ASSY R	1
11	620-1623-24	CAM GEAR	1

NO.	PART NO.	DESCRIPTION	Q'TY
12	620-1624-24	GEAR COVER	1
13	620-1848-21	UD LINK	1
14	620-1847-91	DS-SHIFT LINK	1
15	621-1811-21	M-GEAR B	1
16	621-0733-20	M-GEAR C	1
17	716-3451-01	SCREW(M1.7x2.5)	2
18	716-1850-01	SCREW(M2.0x2.0)	3
19	716-1851-03	SCREW(M2.0x3.0)	2
20	746-0870-00	WASHER	1
21	746-0768-00	WASHER	2
22	750-6756-21	SW-L-SPRING	1

Drive-CH unit section

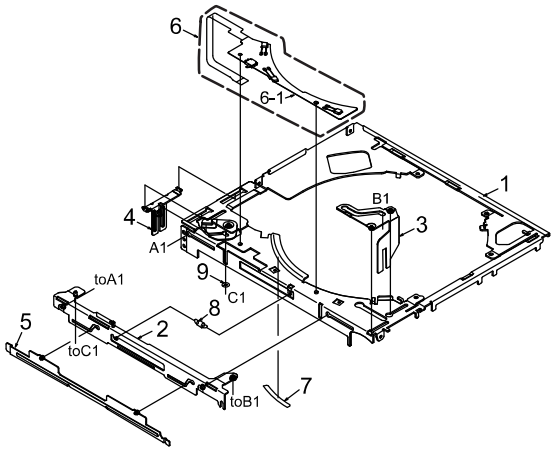


* Do not reuse the following parts.
(No.15,16,17,18,22)

NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-620-100	DRIVE UNIT(220521-968)	1
2	HBS-612-100	LOADING-U-ASSY(184121-966)	1
3	HBS-615-100	LO-MOTOR-S-ASSY(184220-966)	1
4	HBS-614-100	L-SEN-FPC-ASSY(0400BB-95)	1
4-1	----------	SENSOR-L-FPC	1
5	966-1828-22	DRIVE-CH A-ASSY	1
6	620-1838-21	D-SHIFT LINK A	1
7	620-1837-20	DRIVE CHASSIS B	1
8	620-1836-20	DR-SUPPORT-PL	1
9	622-1743-21	D-SHIFT ROLLERB	1
10	716-3450-00	SCREW(M1.7x2)	2
11	716-3603-00	SCREW(M1.7x5)	1

NO.	PART NO.	DESCRIPTION	Q'TY
12	750-6852-20	DRIVE SPRING A	1
13	620-1831-21	S-PWB PLATE	1
14	750-6754-20	LO-ES-SPRING B	1
15	345-5424-01	SEN-FPC GUIDE	1
16	716-3601-00	SCREW(M1.7x2 sealock)	2
17	743-1500-1B	E-RING	2
18	746-0870-00	WASHER	1
19	621-1807-00	RUBBER PART	1
20	622-1850-20	D-SHIFT ROLLERE	1
21	347-8392-00	FPC WASHER	1
22	716-3451-02	SCREW(M1.7x2.5 sealock)	1

Upper unit assy section



* Do not reuse the following parts.
(No.6,7,9)

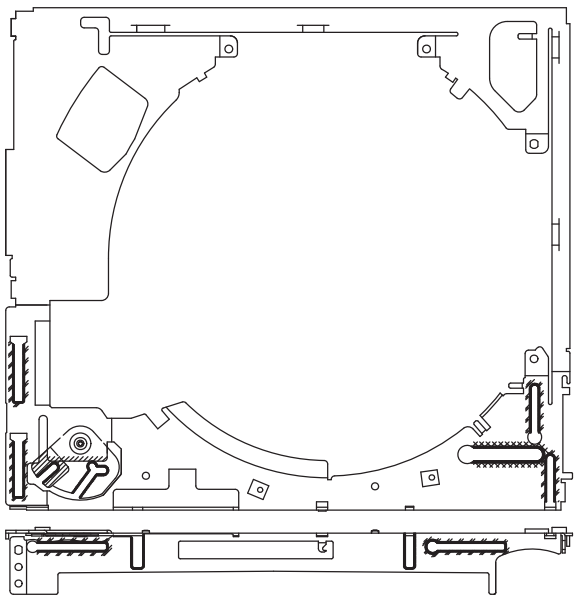
NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1823-20	UPPER-CHA-ASSY	1
2	966-1824-20	LO-SHIFT A ASSY	1
3	966-1791-20	LO-SHIFT B ASSY	1
4	966-1825-20	LO-SHIFT C ASSY	1
5	966-1826-20	SHUTTER ASSY	1
6	HBS-613-100	U-SEN-FPC-ASSY(0400AB-95)	1
6-1	----------	SENSOR-U-FPC	1
7	347-8216-00	RATTLE SHEET	1
8	750-6850-20	SHUTTER SPRING	1
9	746-0870-00	WASHER	1

[Grease Point]

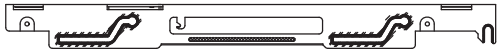
* Grease : SANKOL FG-87HSR

Put grease on the surface	
Put grease on the reverse side	
Put grease on the both sides	
Put grease on the edge	

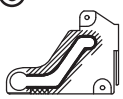
①



②



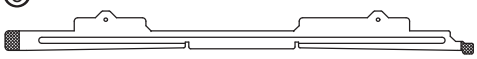
③



④



⑤



ELECTRICAL PARTS LIST

CD PWB(BM1) section

REF No.	PART No.	DESCRIPTION
C1	168-1052-78	16V 1uF
C3	168-1042-78	16V 0.1uF
C4	043-0559-90	6.3V 22uF
C5	168-1032-55	0.01uF K
C6	042-1702-90	6.3V 100uF
C7	168-1052-78	16V 1uF
C9	168-1052-78	16V 1uF
C11	168-1052-78	16V 1uF
C12	042-0671-01	10V 47uF TA
C13	168-1052-78	16V 1uF
C14	168-1042-78	16V 0.1uF
C15	168-1052-78	16V 1uF
C16	043-0559-90	6.3V 22uF
C17	168-1032-55	0.01uF K
C18	168-1052-78	16V 1uF
C19	043-0559-90	6.3V 22uF
C20	168-1042-78	16V 0.1uF
C21	168-1032-55	0.01uF K
C22	168-1052-78	16V 1uF
C25	168-4732-78	0.047uF K
C26	166-4711-50	470pF CH
C27	168-1052-78	16V 1uF
C28	168-4732-78	0.047uF K
C29	166-4711-50	470pF CH
C30	166-1007-50	10pF CH
C31	166-1007-50	10pF CH
C32	168-1042-78	16V 0.1uF
C33	168-2222-55	2200pF K
C34	168-1042-78	16V 0.1uF
C35	168-1042-78	16V 0.1uF
C36	168-1042-78	16V 0.1uF
C37	168-6822-55	6800pF K
C39	168-1042-78	16V 0.1uF
C40	168-3332-78	0.033uF K
C41	168-1042-78	16V 0.1uF
C42	168-1042-78	16V 0.1uF
C43	168-1042-78	16V 0.1uF
C45	168-1042-78	16V 0.1uF
C46	168-1042-78	16V 0.1uF
C48	168-1042-78	16V 0.1uF
C49	168-1042-78	16V 0.1uF
C50	168-1042-78	16V 0.1uF
C51	168-1042-78	16V 0.1uF
C52	168-5622-55	5600pF K
C53	168-1042-78	16V 0.1uF
C54	166-6801-50	68pF CH
C55	168-1532-55	0.015uF K
C56	168-1042-78	16V 0.1uF
C57	168-1032-55	0.01uF K
C58	168-1042-78	16V 0.1uF
C59	168-1042-78	16V 0.1uF
C60	168-1522-55	1500pF K
C61	168-3322-55	3300pF K
C62	168-1032-55	0.01uF K
C64	168-1042-78	16V 0.1uF
C67	168-1032-55	0.01uF K
C69	168-1532-55	0.015uF K
C70	166-4701-50	47pF CH
C71	168-1042-78	16V 0.1uF

REF No.	PART No.	DESCRIPTION
C72	168-1042-78	16V 0.1uF
C74	166-6097-50	6pF CH
C75	168-1042-78	16V 0.1uF
C76	168-5622-55	5600pF K
C77	168-1032-55	0.01uF K
C101	043-0563-90	16V 47uF
CCT1	050-0145-59	1/16W 22 ohm x4
CCT2	050-0145-54	1/16W 47k ohm x4
CCT3	050-0145-54	1/16W 47k ohm x4
CCT4	050-0145-55	1/16W 10k ohm x4
CCT5	050-0140-55	1/32W 2.2k ohmx4J
D1	001-4301-14	HZU 3.0B1
D2	001-0367-91	1SS226
D3	001-4301-13	HZU 2.7B2
D4	001-4301-18	HZU 3.6B1
IC2	052-5077-02	TMP91CY22IFG-7AA1
IC3	051-6733-00	TC94A73MFG-201
IC4	051-6060-08	BD7961FM-E2
IC8	051-9402-78	BR93L56RFVM-W
IC9	051-6072-08	BD7931FE2
IC10	051-5833-00	GP1S093HCZ
IC11	051-3392-90	S-1323B15NB-N8ATFG
J1	074-1237-69	SOCKET 19P
J2	074-1201-65	SOCKET 15P
J3	074-1138-56	SOCKET 6P
J4	074-1100-61	SOCKET 11P
J5	074-1201-61	SOCKET 11P
Q1	060-0252-01	PT4850F
Q2	125-0021-91	DTA114EUA
Q3	198-3018-00	2SK3018
Q4	190-2060-00	2SA2060
Q8	190-2060-00	2SA2060
Q9	125-9026-90	IMF29
Q10	125-2027-91	DTC114EUA
Q11	125-0021-91	DTA114EUA
Q12	125-2027-91	DTC114EUA
Q13	125-9026-90	IMF29
R1	119-6811-15	1/10W 680 ohm
R2	119-6811-15	1/10W 680 ohm
R3	032-0163-91	1/2W 10 ohm
R4	032-0163-91	1/2W 10 ohm
R5	119-2231-15	1/10W 22k ohm
R6	116-1001-15	1/4W 10 ohm
R7	119-1021-15	1/10W 1k ohm
R8	116-1591-15	1/4W 1.5 ohm
R9	119-2231-15	1/10W 22k ohm
R10	119-4711-15	1/10W 470 ohm
R11	119-2211-15	1/10W 220 ohm
R12	119-6811-15	1/10W 680 ohm
R13	119-1011-15	1/10W 100 ohm
R14	119-2231-15	1/10W 22k ohm
R15	119-8231-15	1/10W 82k ohm
R16	119-1041-15	1/10W 100k ohm
R17	119-1041-15	1/10W 100k ohm
R18	119-1041-15	1/10W 100k ohm
R19	119-1041-15	1/10W 100k ohm
R20	119-1041-15	1/10W 100k ohm

REF No.	PART No.	DESCRIPTION
R21	119-2221-15	1/10W 2.2k ohm
R22	119-4711-15	1/10W 470 ohm
R23	119-1051-15	1/10W 1M ohm
R24	119-2211-15	1/10W 220 ohm
R25	119-2211-15	1/10W 220 ohm
R26	119-1041-15	1/10W 100k ohm
R27	119-1051-15	1/10W 1M ohm
R28	119-1041-15	1/10W 100k ohm
R29	119-1041-15	1/10W 100k ohm
R30	119-4701-15	1/10W 47 ohm
R31	119-2201-15	1/10W 22 ohm
R32	119-1051-15	1/10W 1M ohm
R33	119-2211-15	1/10W 220 ohm
R35	119-1051-15	1/10W 1M ohm
R36	119-4721-15	1/10W 4.7k ohm
R37	119-4731-15	1/10W 47k ohm
R38	119-2231-15	1/10W 22k ohm
R39	119-1041-15	1/10W 100k ohm
R40	119-4721-15	1/10W 4.7k ohm
R41	119-4731-15	1/10W 47k ohm
R43	119-4731-15	1/10W 47k ohm
R44	119-2201-15	1/10W 22 ohm
R45	119-1511-15	1/10W 150 ohm
R46	119-4721-15	1/10W 4.7k ohm
R48	119-1041-15	1/10W 100k ohm
R49	119-2211-15	1/10W 220 ohm
R50	119-2211-15	1/10W 220 ohm
R51	119-0000-05	1/10W 0 ohm JW
R53	119-5621-15	1/10W 5.6k ohm
R55	119-3341-15	1/10W 330k ohm
R56	119-4731-15	1/10W 47k ohm
R57	119-2231-15	1/10W 22k ohm
R58	119-2211-15	1/10W 220 ohm
R59	119-1511-15	1/10W 150 ohm
R60	119-4731-15	1/10W 47k ohm
R61	119-1041-15	1/10W 100k ohm
R62	119-1041-15	1/10W 100k ohm
R63	119-1041-15	1/10W 100k ohm
R64	119-1011-15	1/10W 100 ohm
R65	119-1041-15	1/10W 100k ohm
R66	117-5611-15	1/8W 560 ohm
R67	116-3311-15	1/4W 330 ohm
R68	116-3311-15	1/4W 330 ohm
R81	116-1591-15	1/4W 1.5 ohm
R101	119-0000-05	1/10W 0 ohm JW
R102	119-0000-05	1/10W 0 ohm JW
R103	119-0000-05	1/10W 0 ohm JW
R211	119-1041-15	1/10W 100k ohm
R212	119-1041-15	1/10W 100k ohm
S1	013-7416-50	SW SPVL110200
S2	013-7416-50	SW SPVL110200
S3	013-7412-50	SPVG21
S4	013-7415-50	SPVG110400
X1	061-3534-90	16.92MHz
X3	060-1545-90	20MHz
PWB	039-3058-20	PWB(WITHOUT COMPONENT)

Sensor-L-PFC(BM2) section

REF No.	PART No.	DESCRIPTION
PT1	060-0252-01	PT14850F
PT2	060-0252-01	PT14850F
PT3	051-5833-00	GP1S093HCZ

REF No.	PART No.	DESCRIPTION
PWB	039-3003-20	PWB(WITHOUT COMPONENTS)

Sensor-U-PFC(BM3) section

REF No.	PART No.	DESCRIPTION
LED1	001-7077-00	GL4804
LED2	001-7042-00	GL4800

REF No.	PART No.	DESCRIPTION
LED3	001-7042-00	GL4800
S5	013-7417-50	ABC1122P161

REF No.	PART No.	DESCRIPTION
PWB	039-3004-20	PWB(WITHOUT COMPONENTS)