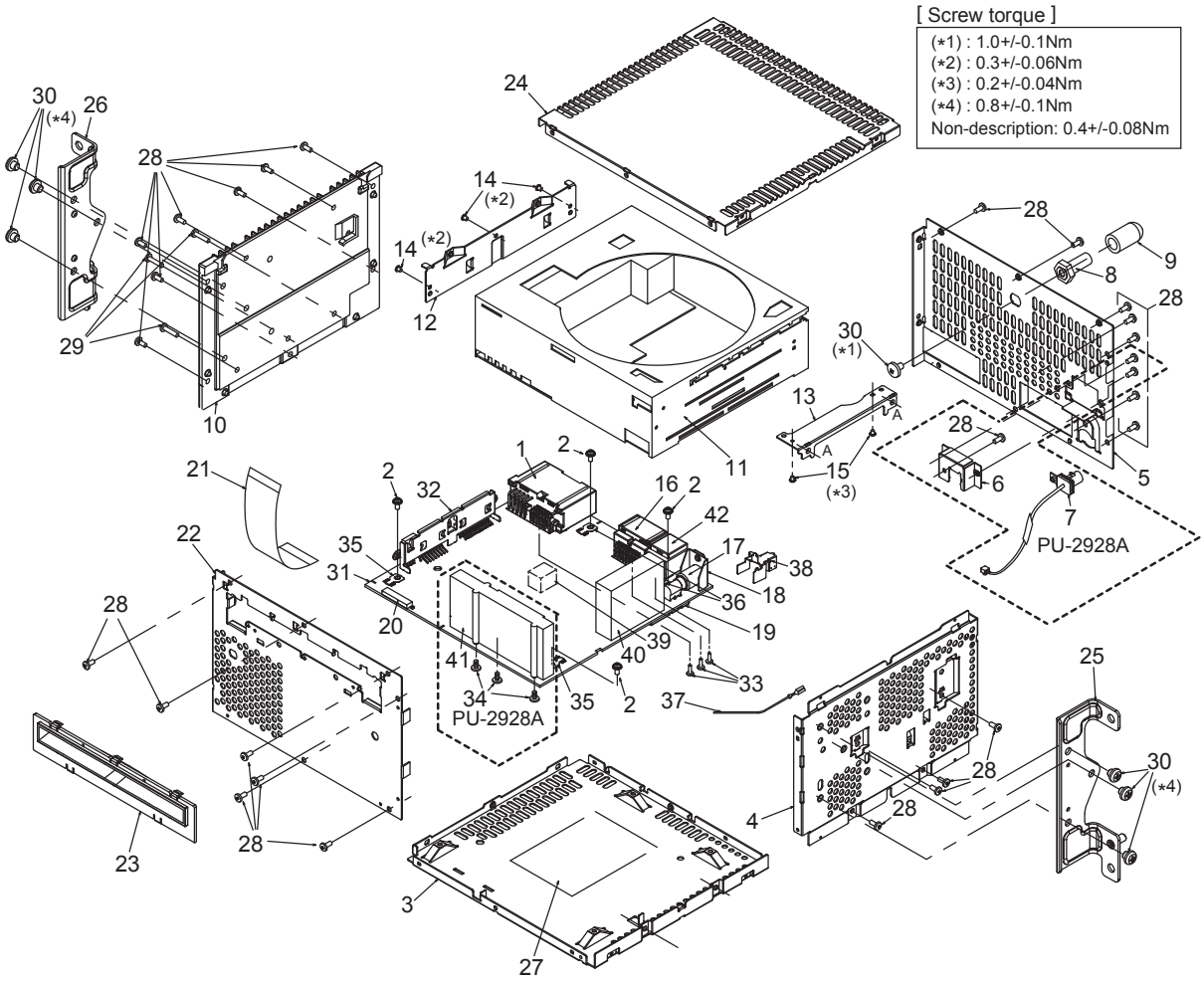
EXPLODED VIEW/PARTS LIST



NO.	PART NO.	DESCRIPTION	Q'TY
1	074-4032-24	OUTLET SOCKET(26P)	1
2	716-0878-50	SCREW(M2.6x5)	4
3	304-0487-00	LOWER-CVR	1
4	305-0349-10	SIDE-CVR	1
5	307-0730-11 307-0728-11	REAR-CVR(PU2924A) REAR-CVR(PU2928A)	1 1
6	331-4438-00	CON-BRKT(PU2928A)	1
7	855-0617-00	EX-LEAD(PU2928A)	1
8	716-3607-00	REAR BOLT	1
9	345-6054-00	RUBBER PART	1
10	313-2020-01	HEAT SINK	1
11	929-0400-82	CD-CHANG-MODULE	1
12	331-4434-00	MECH BRKT(L)	1
13	331-4435-00	MECH BRKT(R)	1
14	716-3552-00	SCREW(M2.3x2.5)	3
15	716-1799-00	SCREW(M2x2.5)	2
16	074-4032-16	OUTLET SOCKET	1
17	092-2228-60	ANT-RECEPT	1
18	331-4433-00	ANT HOLDER	1
19	331-4459-00	SHIELD CASE	1
20	074-1237-69	OUTLET SOCKET	1
21	816-4045-52	FLAT WIRE	1
22	309-0847-01	FRONT PLATE	1

NO.	PART NO.	DESCRIPTION	Q'TY
23	335-8125-01	DISC GUIDE	1
24	303-0494-00	UPPER-CVR	1
25	300-8145-01	MTG-BRKT-ASSY R	1
26	300-8144-01	MTG-BRKT-ASSY L	1
27	276-0278-22 276-0278-21	SETPLATE(PU2924A) SETPLATE(PU2928A)	1 1
28	714-2606-8B	SCREW(M2.6x6)(PU2924A) SCREW(M2.6x6)(PU2928A)	24 27
29	714-2612-8H	SCREW(M2.6x12)	3
30	714-5006-8B	SCREW(M5x6)	7
31	----------	MAIN PWB	1
32	331-4432-01	IC HOLDER	1
33	716-3617-00	SCREW(M2.5x6)	2
34	716-3614-00	IT SCREW(M2.5x5)(PU2928A)	3
35	073-0762-90	TERMINAL	2
36	073-0768-90	TERMINAL	2
37	840-0544-50	BONDING WIRE	1
38	331-4584-00	SHIELD CASE	1
39	345-6066-00	GASKET	1
40	880-2091I	AM/FM TUNER PACK	1
41	----------	SDARS TUNER(PU2928A)	1
42	074-4032-08	OUTLET SOCKET	1

ELECTRICAL PARTS LIST

Some parts are different depending on the model.
Please refer to the circuit diagram for the difference parts.

Main PWB(B1) section

REF No.	PART No.	DESCRIPTION
ANT104	092-2228-60	ANT-RECEPT
BL101	----------	SDARS TUNER
BL151	880-2091I	AM/FM-TUNER
C104	166-1011-50	100pF CH
C105	166-1011-50	100pF CH
C106	166-1011-50	100pF CH
C111	166-1011-50	100pF CH
C112	166-1011-50	100pF CH
C113	166-1011-50	100pF CH
C114	166-1011-50	100pF CH
C119	166-1011-50	100pF CH
C134	166-1011-50	100pF CH
C138	168-1042-78	16V 0.1uF
C141	166-1011-50	100pF CH
C142	166-1011-50	100pF CH
C143	168-1042-78	16V 0.1uF
C144	166-1011-50	100pF CH
C145	166-1011-50	100pF CH
C146	163-1073-35	16V 100uF
C173	166-1511-50	150pF CH
C174	163-1073-35	16V 100uF
C175	166-2201-50	22pF CH
C176	168-1022-55	1000pF K
C177	168-1022-55	1000pF K
C178	168-1022-55	1000pF K
C179	168-1022-55	1000pF K
C180	163-1073-35	16V 100uF
C181	168-1022-55	1000pF K
C182	168-1022-55	1000pF K
C183	168-1022-55	1000pF K
C201	168-1042-78	16V 0.1uF
C202	168-2232-55	0.022uF K
C203	168-2232-55	0.022uF K
C204	168-2232-55	0.022uF K
C206	166-1011-50	100pF CH
C207	168-1042-78	16V 0.1uF
C209	168-1042-78	16V 0.1uF
C212	166-1011-50	100pF CH
C213	168-1042-78	16V 0.1uF
C214	166-1007-50	10pF CH
C215	178-1052-78	1uF
C216	166-4711-50	470pF CH
C217	166-1007-50	10pF CH
C218	166-1811-50	180pF CH
C219	168-1022-55	1000pF K
C226	163-1053-65	50V 1uF
C227	168-5622-55	5600pF K
C228	163-1053-65	50V 1uF
C229	168-5622-55	5600pF K
C230	168-1042-78	16V 0.1uF
C231	168-1022-55	1000pF K
C232	163-4753-55	35V 4.7uF
C233	168-1042-78	16V 0.1uF
C234	166-1011-50	100pF CH
C235	168-2232-55	0.022uF K
C236	168-1022-55	1000pF K
C237	168-1042-78	16V 0.1uF
C238	163-3373-15	6.3V 330uF
C239	168-1042-78	16V 0.1uF
C240	163-2273-25	10V 220uF
C241	168-1042-78	16V 0.1uF
C242	168-1042-78	16V 0.1uF
C243	168-1022-55	1000pF K
C244	168-2232-55	0.022uF K
C245	168-1042-78	16V 0.1uF
C246	168-1032-55	0.01uF K
C247	168-3922-55	3900pF K
C248	168-3922-55	3900pF K
C249	163-4753-55	35V 4.7uF
C250	168-1042-78	16V 0.1uF
C252	163-4753-55	35V 4.7uF
C253	168-1042-78	16V 0.1uF
C255	166-1011-50	100pF CH
C256	168-1042-78	16V 0.1uF
C257	178-1052-78	1uF
C258	168-3332-78	0.033uF K
C259	163-4763-15	6.3V 47uF
C260	042-0423-94	10V 4.7uF
C261	168-1022-55	1000pF K
C262	168-1042-78	16V 0.1uF
C263	163-1063-35	16V 10uF
C264	168-1052-78	16V 1uF
C265	166-2211-50	220pF CH
C266	166-2211-50	220pF CH
C267	163-1073-15	6.3V 100uF
C268	168-1042-78	16V 0.1uF
C269	168-4732-78	0.047uF K
C270	163-2263-15	6.3V 22uF
C271	168-1052-78	16V 1uF
C272	163-2263-15	6.3V 22uF
C273	168-1052-78	16V 1uF
C274	163-4753-55	35V 4.7uF
C276	166-2211-50	220pF CH
C277	168-1042-78	16V 0.1uF
C278	166-2211-50	220pF CH
C279	168-1052-78	16V 1uF
C280	178-1055-79	1uF
C281	166-1511-50	150pF CH
C282	166-1511-50	150pF CH
C283	178-1055-79	1uF
C284	178-1055-79	1uF
C285	166-1511-50	150pF CH
C286	166-1511-50	150pF CH
C287	178-1055-79	1uF
C288	168-1542-58	0.15uF K
C289	168-1542-58	0.15uF K
C290	168-3322-55	3300pF K
C291	168-3322-55	3300pF K
C292	168-3322-55	3300pF K
C293	168-3322-55	3300pF K
C294	168-3322-55	3300pF K
C295	168-3322-55	3300pF K
C300	042-0416-60	25V 10uF M TAN
C379	163-1073-35	16V 100uF
C400	042-1767-90	16V 470uF
C401	042-1767-90	16V 470uF
C402	178-1042-78	0.1uF
C403	163-1063-35	16V 10uF
C404	178-1042-78	0.1uF
C405	178-2222-78	2200pF
C406	168-1042-78	16V 0.1uF
C407	163-1063-35	16V 10uF
C408	163-2263-35	16V 22uF
C409	168-1042-78	16V 0.1uF
C410	168-1042-78	16V 0.1uF
C412	168-1042-78	16V 0.1uF
C413	168-1042-78	16V 0.1uF
C414	042-1767-90	16V 470uF
C415	178-1042-78	0.1uF
C416	178-2222-78	2200pF
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
C431	178-1042-78	0.1uF
C432	178-1042-78	0.1uF
C435	168-3332-78	0.033uF K
C437	178-2222-78	2200pF
C438	178-2222-78	2200pF
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
C448	163-2263-15	6.3V 22uF
C449	178-2222-78	2200pF
C450	178-2222-78	2200pF
C451	178-2222-78	2200pF
C452	178-2222-78	2200pF
C453	168-1042-78	16V 0.1uF
C454	166-1011-50	100pF CH
C455	168-2245-79	0.22uF Z
C456	168-1042-78	16V 0.1uF
C457	178-2222-78	2200pF
C458	178-1045-79	0.1uF
C459	163-2263-35	16V 22uF
C460	163-2263-35	16V 22uF
C461	168-1042-78	16V 0.1uF
C462	163-2263-35	16V 22uF
C463	168-1042-78	16V 0.1uF
C464	042-0423-97	16V 10uF
C499	178-2222-78	2200pF
C500	168-6842-78	0.68uF K
C501	166-5611-50	560pF CH
C502	166-5611-50	560pF CH
C503	163-3353-65	50V 3.3uF
C505	163-1063-35	16V 10uF
C506	166-5611-50	560pF CH
C507	163-1063-35	16V 10uF
C508	166-5611-50	560pF CH
C509	163-4763-35	16V 47uF
C510	043-0499-51	0.1uF
C511	042-1465-00	16V 3300uF
C512	166-5611-50	560pF CH
C513	166-2201-50	22pF CH
C514	166-2201-50	22pF CH
C517	166-5611-50	560pF CH
C519	168-1052-78	16V 1uF
C522	168-1052-78	16V 1uF
C524	168-1052-78	16V 1uF
C525	168-1052-78	16V 1uF
C527	168-1052-78	16V 1uF
C528	166-2201-50	22pF CH
C529	166-2201-50	22pF CH
C530	166-5611-50	560pF CH
C531	166-5611-50	560pF CH
C532	166-5611-50	560pF CH
C537	166-5611-50	560pF CH
C538	163-1063-35	16V 10uF
C539	163-1063-35	16V 10uF
C540	166-5611-50	560pF CH
C541	166-5611-50	560pF CH
C543	163-2263-15	6.3V 22uF
C544	163-2263-15	6.3V 22uF
C545	163-2263-15	6.3V 22uF
C547	163-4743-65	50V 0.47uF
C549	166-1007-50	10pF CH
C550	168-1042-78	16V 0.1uF
C551	163-2263-35	16V 22uF
C554	166-1007-50	10pF CH
C555	166-1007-50	10pF CH

REF No.	PART No.	DESCRIPTION
C556	168-1042-78	16V 0.1uF
C557	163-2263-35	16V 22uF
C558	163-2253-65	50V 2.2uF
C559	166-1011-50	100pF CH
C563	166-1007-50	10pF CH
C564	163-4743-65	50V 0.47uF
C568	166-2201-50	22pF CH
C569	166-5611-50	560pF CH
C570	166-5611-50	560pF CH
C571	166-5611-50	560pF CH
C572	166-2201-50	22pF CH
C573	166-5611-50	560pF CH
C574	166-5611-50	560pF CH
C575	166-5611-50	560pF CH
C600	166-1801-50	18pF CH
C601	168-1032-55	0.01uF K
C602	166-1011-50	100pF CH
C603	168-1042-78	16V 0.1uF
C604	163-4753-55	35V 4.7uF
C605	163-4753-55	35V 4.7uF
C607	168-1042-78	16V 0.1uF
C608	042-0643-52	6.3V 1000uF
C609	042-0643-52	6.3V 1000uF
C610	178-1052-78	1uF
C611	168-1022-55	1000pF K
C612	168-1042-78	16V 0.1uF
C613	168-1032-55	0.01uF K
C614	168-3322-55	3300pF K
C616	168-1042-78	16V 0.1uF
D101	001-0529-28	MA8051-L
D103	001-0529-14	MA8030-L
D400	001-0516-90	MA111
D402	001-0592-00	RM4Z
D403	001-4315-50	MMBZ27VCLT1G
D404	001-0516-90	MA111
D405	001-0516-90	MA111
D406	001-1304-90	DAN202U
D407	001-4315-50	MMBZ27VCLT1G
D408	001-0529-28	MA8051-L
D409	001-0516-90	MA111
D410	001-0516-90	MA111
D411	001-0529-42	MA8075-H
D412	001-0529-42	MA8075-H
D414	001-0516-90	MA111
D416	001-0516-90	MA111
D418	001-0529-32	MA8056-M
D419	001-4313-52	HZU7CZL
D420	001-0516-90	MA111
D422	001-0516-90	MA111
D423	001-0516-90	MA111
D501	001-0529-21	MA8039-H
D502	001-0516-90	MA111
D505	001-1304-90	DAN202U
D602	001-0516-90	MA111
D603	001-0516-90	MA111
D604	001-0535-90	MA729
IC201	----------	SAF7730HV/ N317F[670630-051](impossible to exchange) *BGA type
IC401	051-3510-00	TDA3681JR/N2
IC402	051-3402-90	NJM2406F
IC403	051-3512-90	BH33PB1WHFV
IC404	051-3344-90	BD3930FP-E2
IC405	051-3218-90	TA76431F
IC407	051-6653-90	TJA1040T/N1
IC408	051-5459-90	BD4836G-TR
IC501	051-2062-00	TDA7563B
IC502	051-3019-90	NJM2060V
IC503	051-3057-90	BA4558RFV
IC504	051-3057-90	BA4558RFV
IC505	051-3057-90	BA4558RFV

REF No.	PART No.	DESCRIPTION
IC506	051-3057-90	BA4558RFV
IC601	051-7108-90	CD4053BPWR
IC602	----------	uPD70F3350GC(A)-8EAA[031600-052] *The program is recorded in IC602. Special equipment is necessary to record the program.
IC603	051-5423-08	S-80929CLMC-G6Z
IC604	----------	BR24L32FV-WE2[942790-051] *The data is recorded in IC604. Special equipment is necessary to record the data.
J401	074-4032-24	SOCKET(24P)
J402	074-4032-08	SOCKET(8P)
J403	074-4032-16	SOCKET(16P)
J601	076-6000-58	PLUG
J602	074-1237-69	19PIN
L113	010-2003-04	30uH
L200	010-3105-62	1k ohm/100MHz
L201	010-3105-62	1k ohm/100MHz
L202	010-3105-62	1k ohm/100MHz
L203	010-3105-62	1k ohm/100MHz
L204	010-3105-62	1k ohm/100MHz
L205	010-3105-62	1k ohm/100MHz
L206	010-3105-62	1k ohm/100MHz
L207	010-3105-62	1k ohm/100MHz
L208	010-3105-62	1k ohm/100MHz
L209	010-3105-62	1k ohm/100MHz
L210	010-3105-62	1k ohm/100MHz
L211	010-2198-51	0.22uH
L212	010-3105-62	1k ohm/100MHz
L213	010-3105-62	1k ohm/100MHz
L214	010-3104-54	600 ohm/100MHz
L215	010-3105-62	1k ohm/100MHz
L216	010-3105-62	1k ohm/100MHz
L217	010-3105-62	1k ohm/100MHz
L218	010-3105-62	1k ohm/100MHz
L219	010-3105-62	1k ohm/100MHz
L220	010-3105-62	1k ohm/100MHz
L221	010-3105-62	1k ohm/100MHz
L222	010-3104-54	600 ohm/100MHz
L223	010-3105-62	1k ohm/100MHz
L401	010-8026-00	210uH
L404	010-3503-90	CDR6D28MN6R5 6.5uH
L601	010-3105-62	1k ohm/100MHz
L602	010-3105-62	1k ohm/100MHz
Q101	190-1736-00	2SA1736
Q102	125-2027-90	DTC143EU
Q103	125-2027-91	DTC114EUA
Q104	125-2027-91	DTC114EUA
Q201	125-7005-90	PHK04P02T
Q400	192-4081-00	2SC4081
Q401	192-4081-00	2SC4081
Q405	192-4081-00	2SC4081
Q406	125-2027-91	DTC114EUA
Q407	103-2394-00	2SD2394
Q408	192-4081-00	2SC4081
Q409	125-9026-90	IMF29
Q410	125-2027-91	DTC114EUA
Q411	125-9026-90	IMF29
Q412	125-9017-92	UMD3N-TR
Q413	192-4081-00	2SC4081
Q414	192-4081-00	2SC4081
Q418	125-9017-92	UMD3N-TR
Q421	190-1576-00	2SA1576A
Q424	125-2042-90	DTC614TU-T106
Q502	125-9017-92	UMD3N-TR

REF No.	PART No.	DESCRIPTION
Q504	125-2027-91	DTC114EUA
Q510	125-0021-92	DTA124EUA
Q511	125-2042-90	DTC614TU-T106
Q512	192-4081-00	2SC4081
Q513	125-2042-90	DTC614TU-T106
Q600	125-0021-92	DTA124EUA
Q601	125-2027-92	DTC124EUA
Q602	192-4081-00	2SC4081
R101	119-4731-15	1/10W 47k ohm
R102	117-1021-15	1/8W 1k ohm
R103	119-4721-15	1/10W 4.7k ohm
R104	119-1031-15	1/10W 10k ohm
R105	119-1031-15	1/10W 10k ohm
R106	119-1031-15	1/10W 10k ohm
R107	119-1011-15	1/10W 100 ohm
R108	119-1011-15	1/10W 100 ohm
R109	119-1011-15	1/10W 100 ohm
R110	119-1011-15	1/10W 100 ohm
R112	119-1031-15	1/10W 10k ohm
R113	119-1001-15	1/10W 10 ohm
R114	119-1001-15	1/10W 10 ohm
R115	119-1011-15	1/10W 100 ohm
R116	119-0000-05	1/10W 0 ohm JW
R117	119-0000-05	1/10W 0 ohm JW
R119	119-1011-15	1/10W 100 ohm
R120	119-1011-15	1/10W 100 ohm
R121	119-2741-15	1/10W 270k ohm
R122	119-0000-05	1/10W 0 ohm JW
R133	119-6821-15	1/10W 6.8k ohm
R134	119-6821-15	1/10W 6.8k ohm
R135	119-1011-15	1/10W 100 ohm
R136	119-1011-15	1/10W 100 ohm
R137	119-1011-15	1/10W 100 ohm
R138	119-1011-15	1/10W 100 ohm
R139	119-1011-15	1/10W 100 ohm
R140	119-1041-15	1/10W 100k ohm
R201	119-1031-15	1/10W 10k ohm
R205	119-1031-15	1/10W 10k ohm
R207	119-1031-15	1/10W 10k ohm
R208	119-0000-05	1/10W 0 ohm JW
R209	119-0000-05	1/10W 0 ohm JW
R210	119-0000-05	1/10W 0 ohm JW
R211	119-1031-15	1/10W 10k ohm
R213	119-1011-15	1/10W 100 ohm
R214	119-1021-15	1/10W 1k ohm
R217	119-1001-15	1/10W 10 ohm
R219	119-4731-15	1/10W 47k ohm
R220	119-1241-15	1/10W 120k ohm
R222	119-4731-15	1/10W 47k ohm
R223	119-2201-15	1/10W 22 ohm
R224	119-1011-15	1/10W 100 ohm
R225	119-1011-15	1/10W 100 ohm
R227	119-8221-15	1/10W 8.2k ohm
R228	119-1041-15	1/10W 100k ohm
R229	119-1041-15	1/10W 100k ohm
R230	032-0140-99	1/10W 39k ohm F
R231	032-0140-99	1/10W 39k ohm F
R232	032-0140-99	1/10W 39k ohm F
R233	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	119-1231-15	1/10W 12k ohm
R241	119-1231-15	1/10W 12k ohm
R243	032-0140-89	1/10W 47k ohm F
R244	119-1041-15	1/10W 100k ohm
R245	119-1001-15	1/10W 10 ohm
R246	032-0140-89	1/10W 47k ohm F
R247	032-0140-89	1/10W 47k ohm F
R249	119-1041-15	1/10W 100k ohm
R251	032-0140-89	1/10W 47k ohm F
R252	032-0140-52	1/10W 33k ohm F

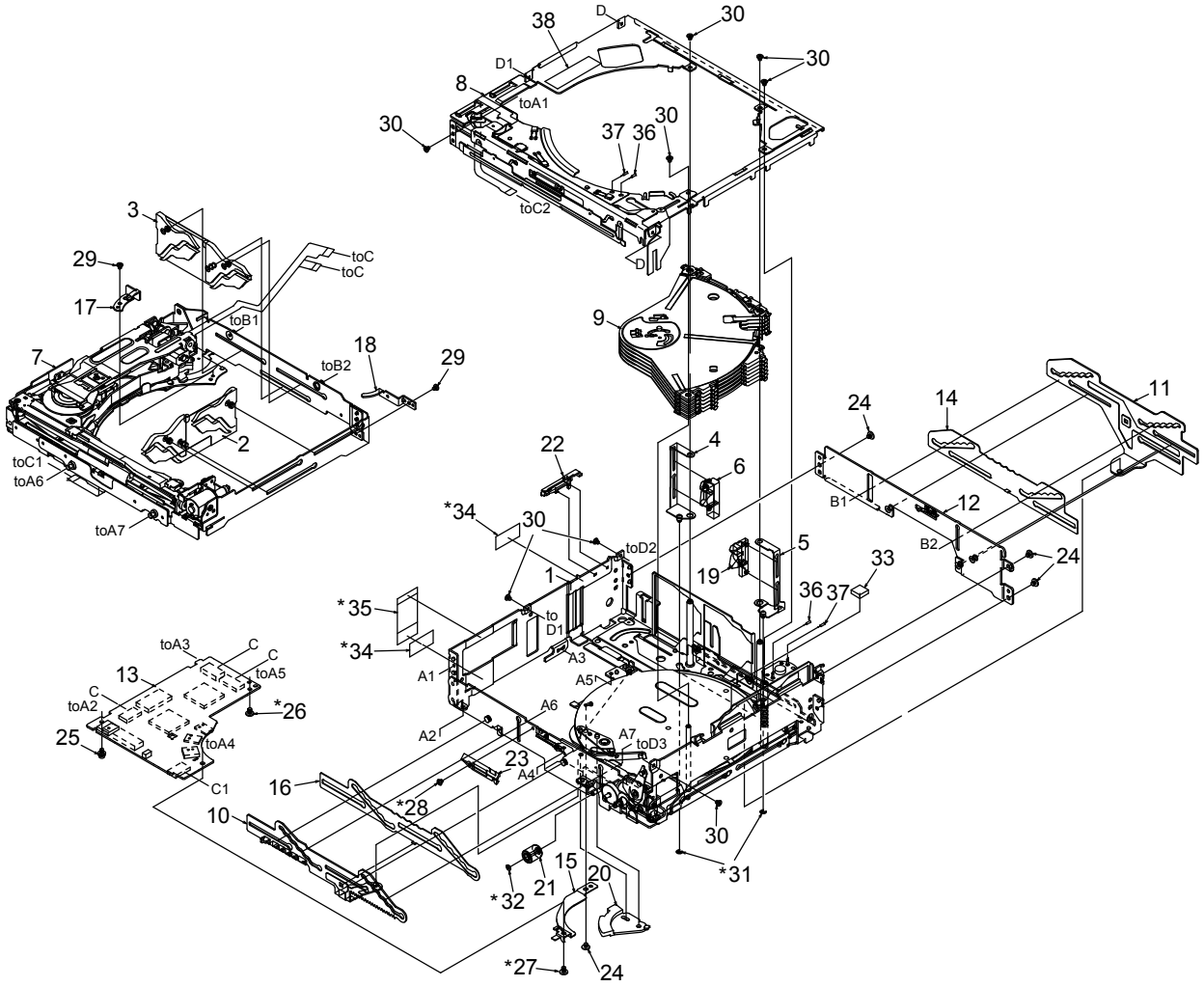
REF No.	PART No.	DESCRIPTION
R253	032-0140-52	1/10W 33k ohm F
R254	032-0140-52	1/10W 33k ohm F
R255	032-0140-52	1/10W 33k ohm F
R331	119-1021-15	1/10W 1k ohm
R332	119-1031-15	1/10W 10k ohm
R400	116-2011-15	1/4W 200 ohm
R401	119-1041-15	1/10W 100k ohm
R402	119-1031-15	1/10W 10k ohm
R403	119-9121-15	1/10W 9.1k ohm
R404	119-1021-15	1/10W 1k ohm
R405	119-1021-15	1/10W 1k ohm
R406	119-1021-15	1/10W 1k ohm
R407	119-1021-15	1/10W 1k ohm
R408	119-1041-15	1/10W 100k ohm
R409	032-0140-56	1/10W 12k ohm F
R410	032-0140-80	1/10W 18k ohm F
R411	119-1231-15	1/10W 12k ohm
R412	119-3321-15	1/10W 3.3k ohm
R413	116-5691-15	1/4W 5.6 ohm
R414	119-9121-15	1/10W 9.1k ohm
R415	119-1031-15	1/10W 10k ohm
R417	119-1031-15	1/10W 10k ohm
R418	117-2721-15	1/8W 2.7k ohm
R419	119-1521-15	1/10W 1.5k ohm
R420	119-4721-15	1/10W 4.7k ohm
R421	119-3921-15	1/10W 3.9k ohm
R423	119-3921-15	1/10W 3.9k ohm
R425	116-1221-15	1/4W 1.2k ohm
R426	116-1221-15	1/4W 1.2k ohm
R427	116-1221-15	1/4W 1.2k ohm
R428	116-1221-15	1/4W 1.2k ohm
R430	119-1031-15	1/10W 10k ohm
R431	119-2731-15	1/10W 27k ohm
R433	119-2221-15	1/10W 2.2k ohm
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
R449	119-1031-15	1/10W 10k ohm
R451	119-1021-15	1/10W 1k ohm
R456	116-2721-15	1/4W 2.7k ohm
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	119-1041-15	1/10W 100k ohm
R461	119-1031-15	1/10W 10k ohm
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	119-1831-15	1/10W 18k ohm
R468	119-1041-15	1/10W 100k ohm
R469	119-1041-15	1/10W 100k ohm
R470	119-1041-15	1/10W 100k ohm
R471	119-1011-15	1/10W 100 ohm
R472	119-1231-15	1/10W 12k ohm
R473	119-4721-15	1/10W 4.7k ohm
R475	116-2011-15	1/4W 200 ohm

REF No.	PART No.	DESCRIPTION
R476	116-2011-15	1/4W 200 ohm
R477	116-2011-15	1/4W 200 ohm
R501	119-4731-15	1/10W 47k ohm
R502	119-4731-15	1/10W 47k ohm
R503	119-8221-15	1/10W 8.2k ohm
R505	119-6821-15	1/10W 6.8k ohm
R507	119-1021-15	1/10W 1k ohm
R508	119-6821-15	1/10W 6.8k ohm
R509	119-1021-15	1/10W 1k ohm
R510	119-6821-15	1/10W 6.8k ohm
R511	119-6821-15	1/10W 6.8k ohm
R512	119-8221-15	1/10W 8.2k ohm
R513	119-4721-15	1/10W 4.7k ohm
R514	119-2231-15	1/10W 22k ohm
R515	119-8221-15	1/10W 8.2k ohm
R516	119-8221-15	1/10W 8.2k ohm
R517	119-3331-15	1/10W 33k ohm
R518	119-3331-15	1/10W 33k ohm
R519	119-3331-15	1/10W 33k ohm
R520	119-3331-15	1/10W 33k ohm
R521	119-1021-15	1/10W 1k ohm
R522	119-6821-15	1/10W 6.8k ohm
R523	119-1021-15	1/10W 1k ohm
R524	119-6821-15	1/10W 6.8k ohm
R525	119-6821-15	1/10W 6.8k ohm
R526	119-6821-15	1/10W 6.8k ohm
R527	119-4731-15	1/10W 47k ohm
R528	119-4731-15	1/10W 47k ohm
R529	119-1031-15	1/10W 10k ohm
R530	119-1021-15	1/10W 1k ohm
R532	119-1031-15	1/10W 10k ohm
R533	119-1031-15	1/10W 10k ohm
R534	119-1031-15	1/10W 10k ohm
R537	119-1031-15	1/10W 10k ohm
R539	119-1031-15	1/10W 10k ohm
R540	119-1001-15	1/10W 10 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	119-1021-15	1/10W 1k ohm
R546	119-2231-15	1/10W 22k ohm
R548	119-2231-15	1/10W 22k ohm
R549	119-4731-15	1/10W 47k ohm
R550	119-4731-15	1/10W 47k ohm
R551	119-1031-15	1/10W 10k ohm
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	119-3331-15	1/10W 33k ohm
R557	119-4731-15	1/10W 47k ohm
R558	119-2231-15	1/10W 22k ohm
R559	119-4731-15	1/10W 47k ohm
R560	119-1021-15	1/10W 1k ohm
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
R566	119-6821-15	1/10W 6.8k ohm
R567	119-6821-15	1/10W 6.8k ohm
R568	119-1041-15	1/10W 100k ohm
R569	119-6821-15	1/10W 6.8k ohm

REF No.	PART No.	DESCRIPTION
R570	119-6821-15	1/10W 6.8k ohm
R571	119-1011-15	1/10W 100 ohm
R572	119-1011-15	1/10W 100 ohm
R603	119-1011-15	1/10W 100 ohm
R608	119-3331-15	1/10W 33k ohm
R609	119-1011-15	1/10W 100 ohm
R610	119-3331-15	1/10W 33k ohm
R611	119-4731-15	1/10W 47k ohm
R612	119-4731-15	1/10W 47k ohm (for PU2928A)
R614	119-3331-15	1/10W 33k ohm
R619	119-0000-00	1/10W 0 ohm JW (for PU2924A)
R620	119-0000-05	1/10W 0 ohm JW
R621	119-1021-15	1/10W 1k ohm
R622	119-1011-15	1/10W 100 ohm
R623	119-1031-15	1/10W 10k ohm
R624	119-1011-15	1/10W 100 ohm
R625	119-1031-15	1/10W 10k ohm
R627	119-3331-15	1/10W 33k ohm
R628	119-1041-15	1/10W 100k ohm
R629	119-3331-15	1/10W 33k ohm
R630	119-3331-15	1/10W 33k ohm
R631	119-4731-15	1/10W 47k ohm
R632	119-3331-15	1/10W 33k ohm
R633	119-3331-15	1/10W 33k ohm
R634	119-3331-15	1/10W 33k ohm
R636	119-3321-15	1/10W 3.3k ohm
R637	119-3321-15	1/10W 3.3k ohm
R638	119-1041-15	1/10W 100k ohm
R639	119-1241-15	1/10W 120k ohm
R640	119-1031-15	1/10W 10k ohm
R642	119-1041-15	1/10W 100k ohm
R643	119-1031-15	1/10W 10k ohm
R644	119-1241-15	1/10W 120k ohm
R646	119-1011-15	1/10W 100 ohm
R647	119-1011-15	1/10W 100 ohm
R648	119-3331-15	1/10W 33k ohm
R649	119-3331-15	1/10W 33k ohm
R650	119-3331-15	1/10W 33k ohm
R651	119-3331-15	1/10W 33k ohm
R652	119-3331-15	1/10W 33k ohm
R653	119-3331-15	1/10W 33k ohm
R654	119-3331-15	1/10W 33k ohm
R656	119-1031-15	1/10W 10k ohm
R657	119-1031-15	1/10W 10k ohm
R658	119-1041-15	1/10W 100k ohm
R659	119-1041-15	1/10W 100k ohm
R660	032-0148-52	1/10W 24k ohm
R661	032-0148-52	1/10W 24k ohm
SUP101	060-0122-91	DSP-141N-S00B
TC601	004-1583-52	20pF RED
TH101	002-0318-21	THERMISTOR
TM101	073-0762-90	TERMINAL
TM102	073-0768-90	TERMINAL
TM301	073-0762-90	TERMINAL
TM501	073-0768-90	TERMINAL
X201	061-3537-90	41.6MHz
X601	061-3561-90	AT-41CD2 3.997696MHz
PWB	039-3190-01	PWB(WITHOUT COMPONENT)

EXPLODED VIEW/PARTS LIST

Main section

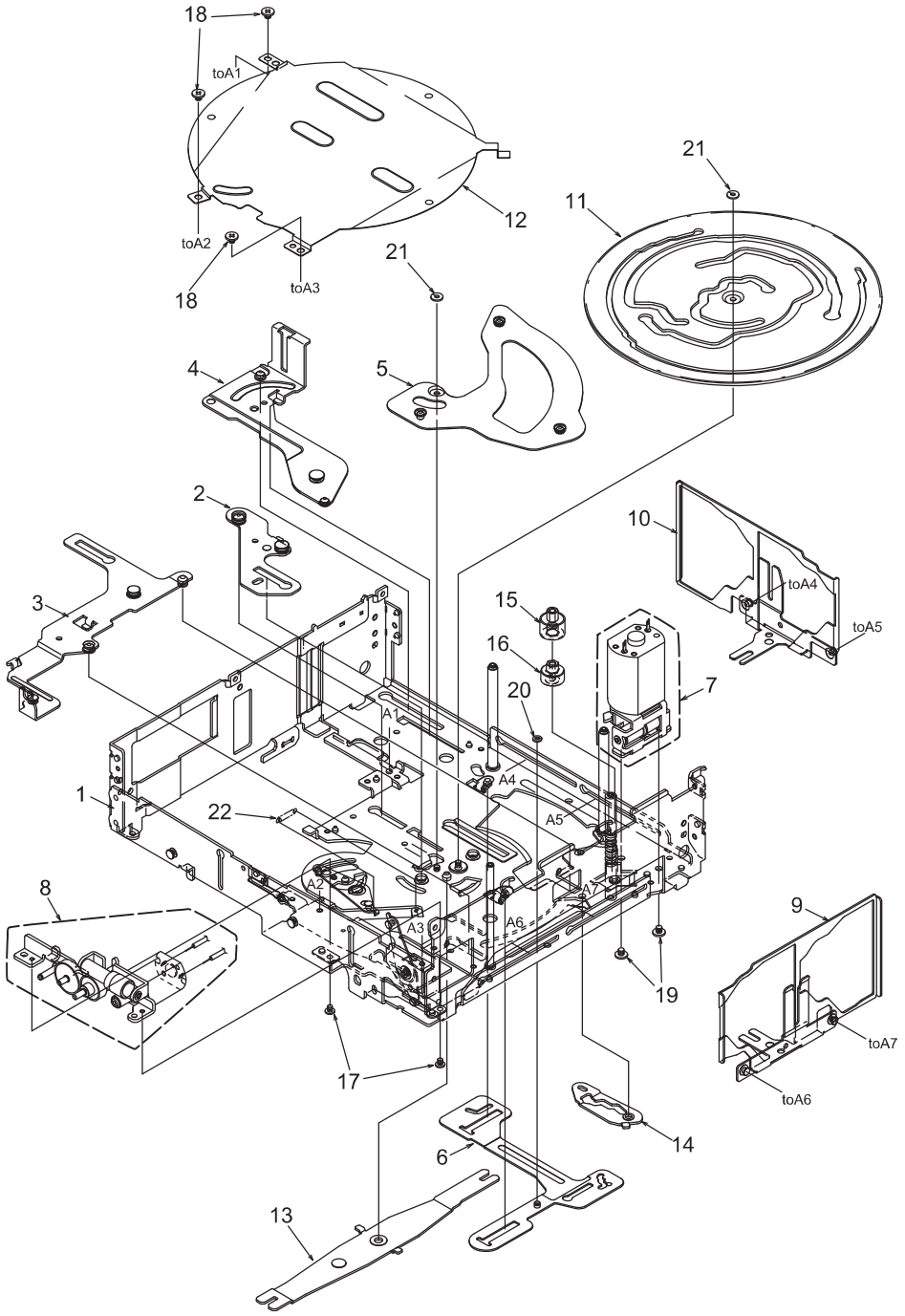


* Do not reuse the following parts.
(No.26,27,28,31,32,34,35)

NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	LOWER UNIT ASSY	1
2	HBS-617-100	KUSABI-ASSY-S	1
3	HBS-618-100	KUSABI-ASSY-R	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 ASSY	1
9	HBS-550-100	DISCHOLDER UNIT	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	CD PWB ASSY	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	621-1765-20	UD-GEAR-D	1
22	621-1715-20	FPC-STOPPER	1
23	621-1736-20	UD-GEAR-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	716-3451-01	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

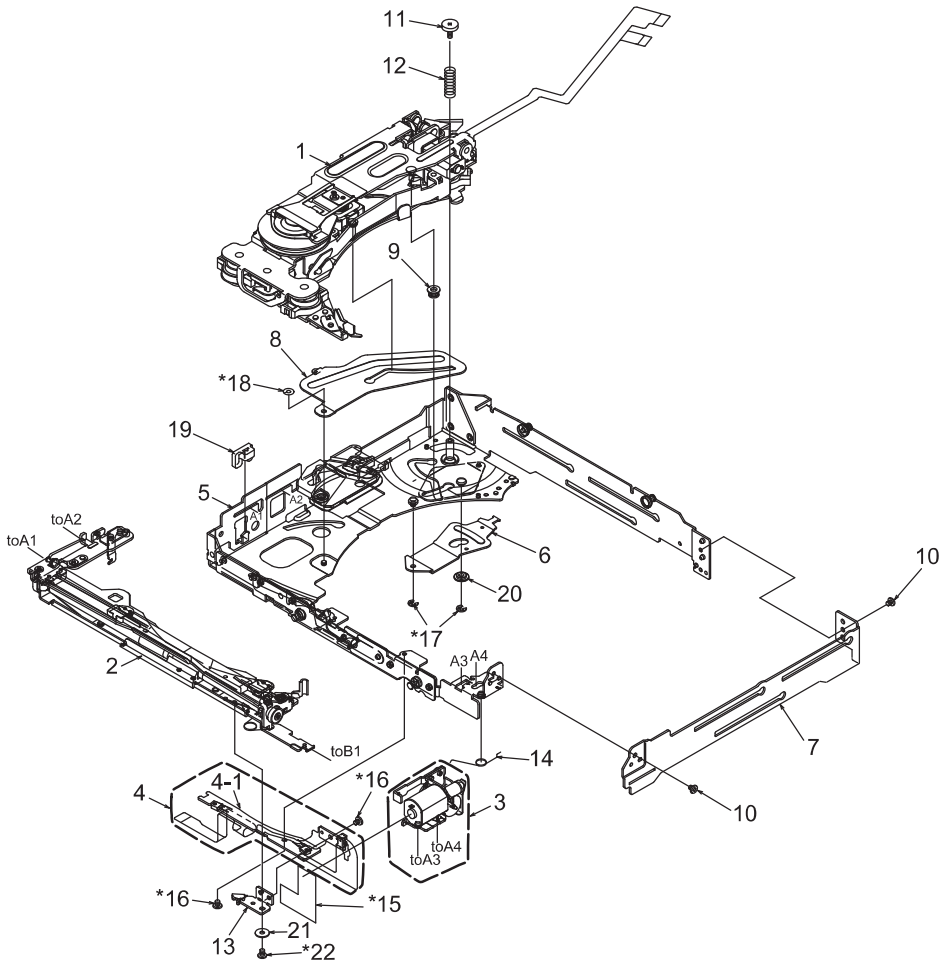
Lower unit assy section



NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1834-23	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	1
8	HBS-616-100	UD-MOTOR-ASSY	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	750-6756-20	SW-L-SPRING	1

Drive-CH unit section

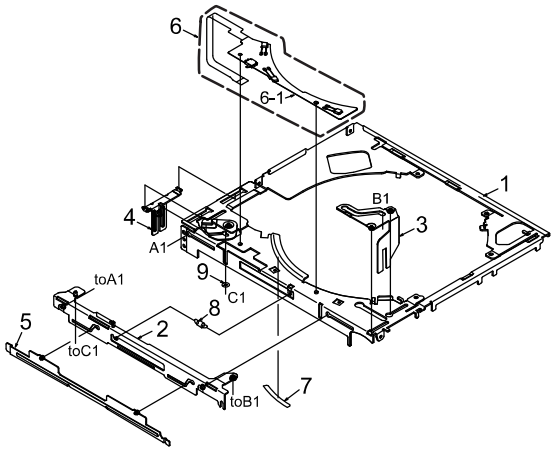


* Do not reuse the following parts.
(No.15,16,17,18,22)

NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-620-100	DRIVE UNIT	1
2	HBS-612-100	LOADING-U-ASSY	1
3	HBS-615-100	LO-MOTOR-S-ASSY	1
4	HBS-614-100	L-SEN-FPC-ASSY	1
4-1	----------	SENSOR-L-FPC	1
5	966-1828-21	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)

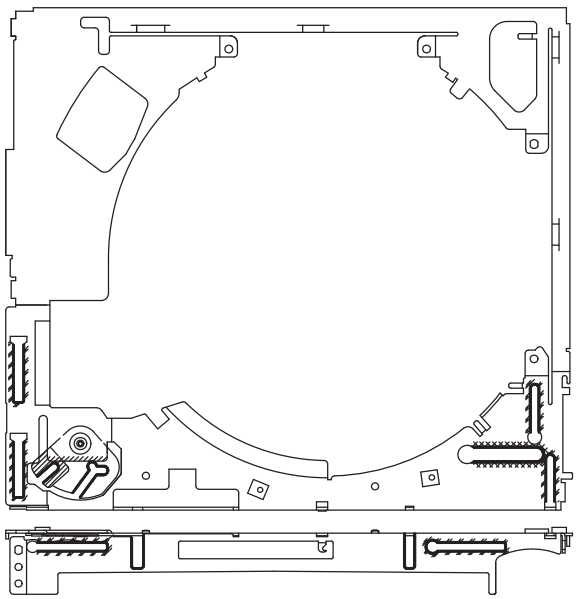
NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1823-20	UPPER-CHA-ASSY	1
2	966-1824-20	LO-SHIFT A ASSY	1
3	966-1791-20	LO-SHIFT B ASSY	1
4	966-1825-20	LO-SHIFT C ASSY	1
5	966-1826-20	SHUTTER ASSY	1
6	HBS-613-100	U-SEN-FPC-ASSY	1
6-1	----------	SENSOR-U-FPC	1
7	347-8216-00	RATTLE SHEET	1
8	750-6850-20	SHUTTER SPRING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

[Grease Point]

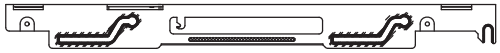
* Grease : SANKOL FG-87HSR

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

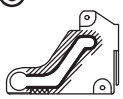
①



②



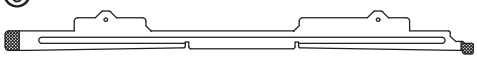
③



④



⑤



ELECTRICAL PARTS LIST

CD PWB(BM1) section

* The parts of the same reference number are alternative

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
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
D1	001-0529-14	MA8030-L
D2	001-0367-91	1SS226
D3	001-4301-13	HZU 2.7B2
D3	001-0529-13	MA8029-H
D4	001-4301-18	HZU 3.6B1
D4	001-0529-18	MA8036-L
IC2	052-5077-94	TMP91FY42FG
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
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
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
LED3	001-7042-00	GL4800
S5	013-7417-50	ABC1122P161
PWB	039-3004-20	PWB(WITHOUT COMPONENTS)