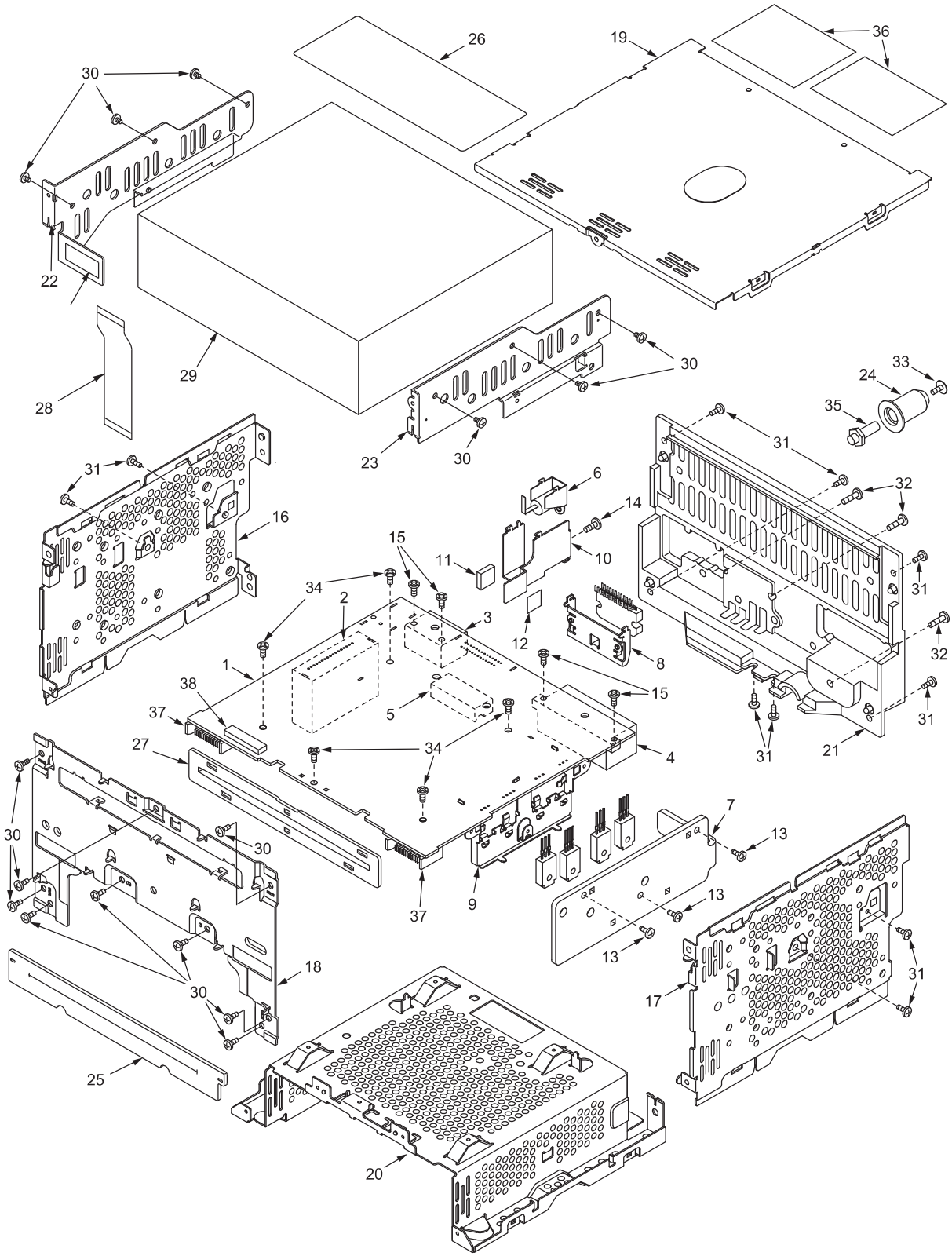
EXPLODED VIEW/PARTS LIST

Main section



NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	MAIN PWB	1
2	880-2091M	TUNER	1
3	074-1259-00	OUTLET SOCKET(16P)	1
4	074-1260-00	OUTLET SOCKET(24P)	1
5	076-0642-50	PLUG(15P)	1
6	092-4000-51	ANT-RECEPT	1
7	313-1936-00	HEAT SINK	1
8	331-4012-00	REAR PLATE	1
9	331-4013-00	TR-HOLDER	1
10	331-4031-00	EARTH BRKT	1
11	345-5828-00	GASKET	1
12	347-6465-00	PROTECTOR	1
13	714-2606-81	MACHINE SCREW(M2.6x6)	3
14	714-3006-81	MACHINE SCREW(M3x6)	1
15	778-3006-00	TAP-SCREW(3x6)	4
16	305-0338-02	SIDE-CVR-L	1
17	305-0339-02	SIDE-CVR-R	1
18	309-0811-01	ES PLATE	1
19	310-1811-01	UPPER CASE	1
20	311-1903-01	LOWER CASE	1

NO.	PART NO.	DESCRIPTION	Q'TY
21	313-1935-01	HEAT SINK	1
22	331-4015-00	MECH-BRKT-L	1
23	331-4016-01	MECH-BRKT-R	1
24	345-8494-00	REAR RUBBER	1
25	346-0178-01	LEATHER SHEET	1
26	347-7615-00	SHADE	1
27	335-7615-00	DISC GUIDE	1
28	039-2688-00	FPC	1
29	929-0370-80	6CD-MECHANISM	1
30	716-3552-00	MACHINE SCREW(M2.6x3)	6
31	714-2606-81	MACHINE SCREW(M2.6X6)	19
32	714-2612-89	MACHINE SCREW(M2.6x12)	3
33	716-0821-03	IT SCREW(M3x5)	1
34	716-1494-00	IT SCREW(M2.6x6)	5
35	716-1888-01	REAR BOLT	1
36	286-6623-17 SETPLATE(2770F-A) 286-6623-21 SETPLATE(2770F-B) 286-6623-19 SETPLATE(2798F-A) 286-6623-23 SETPLATE(2798F-B) 286-6623-37 SETPLATE(2829R-A)		1
37	076-3009-64	PLUG(14P)	2
38	074-1237-69	OUTLET SOCKET(19P)	1

ELECTRICAL PARTS LIST

MAIN PWB (B1)

Note) Several different parts of the same reference number are alternative parts.
One of those parts is used in the set.
Note)Some parts depend on each model.The model name is specified in the descripion .
(2770F;PT-2770F-A,B, 2798F;PT-2798F-A,B, 2829R;PT-2829R-A)

REF No.	PART No.	DESCRIPTION
ANT101	092-4000-51	ANT-RECEPT
BL101	880-2091M	TUNER
C101	166-1511-50	150pF CH
C102	166-2201-50	22pF CH
C103	163-1073-35	16V100uF
C104	168-1022-55	1000pF K
C105	163-1073-35	16V100uF
C106	168-1022-55	1000pF K
C107	168-1022-55	1000pF K
C108	168-1022-55	1000pF K
C109	168-1022-55	1000pF K
C110	168-1022-55	1000pF K
C111	168-1022-55	1000pF K
C112	163-4763-15	6.3V47uF
C113	168-1042-78	16V 0.1uF
C114	166-1801-50	18pF CH
C201	168-2212-55	220pF K
C202	163-1063-35	16V10uF
C203	168-1042-78	16V 0.1uF
C204	168-1022-55	1000pF K
C205	168-1022-55	1000pF K
C207	166-1011-50	100pF CH
C209	163-2273-25	10V 220uF
C210	168-1042-78	16V 0.1uF
C213	168-1042-78	16V 0.1uF
C301	168-2212-55	220pF K
C302	168-2212-55	220pF K
C303	168-2212-55	220pF K
C304	168-2212-55	220pF K
C305	168-2212-55	220pF K
C306	168-2212-55	220pF K
C307	168-2212-55	220pF K
C308	168-2212-55	220pF K
C309	168-1032-55	0.01uF K
C310	168-2212-55	220pF K

REF No.	PART No.	DESCRIPTION
C311	168-2212-55	220pF K
C312	166-1011-50	100pF CH
C313	168-1042-78	16V 0.1uF
C314	168-1042-78	16V 0.1uF
C315	166-1011-50	100pF CH
C317	166-1011-50	100pF CH
C318	166-1201-50	12pF CH
C319	168-2212-55	220pF K
C320	168-1042-78	16V 0.1uF
C321	163-4763-15	6.3V47uF
C322	166-1201-50	12pF CH
C323	168-1042-78	16V 0.1uF
C324	178-1042-78	0.1uF
C325	166-1011-50	100pF CH
C326	166-1011-50	100pF CH
C327	166-1011-50	100pF CH
C328	166-1011-50	100pF CH
C329	166-1011-50	100pF CH
C330	168-1042-78	16V 0.1uF
C331	163-4763-15	6.3V47uF
C332	168-1032-55	0.01uF K
C401	178-2255-79	2.2uF
C403	178-2255-79	2.2uF
C404	178-2255-79	2.2uF
C405	178-2255-79	2.2uF
C406	178-2255-79	2.2uF
C407	178-2255-79	2.2uF
C409	166-1811-50	180pF CH
C411	163-4753-55	35V4.7uF
C412	166-1007-50	10pF CH
C413	166-1007-50	10pF CH
C414	166-1011-50	100pF CH
C415	166-1011-50	100pF CH
C416	168-1042-78	16V 0.1uF
C417	168-1022-55	1000pF K

REF No.	PART No.	DESCRIPTION
C418	168-1022-55	1000pF K
C419	168-1022-55	1000pF K
C420	168-1022-55	1000pF K
C421	168-1022-55	1000pF K
C424	166-1011-50	100pF CH
C425	168-1022-55	1000pF K
C426	168-1022-55	1000pF K
C427	168-1042-78	16V 0.1uF
C428	163-4753-55	35V4.7uF
C429	168-1042-78	16V 0.1uF
C430	163-4753-55	35V4.7uF
C434	168-2232-55	0.022uF K
C435	163-1073-15	6.3V100uF
C437	168-4732-78	0.047uF K
C438	042-0423-94	10V 4.7uF
C439	163-2263-35	16V22uF
C440	168-1022-55	1000pF K
C442	168-1042-78	16V 0.1uF
C444	168-2232-55	0.022uF K
C445	163-4763-15	6.3V47uF
C446	163-1063-35	16V10uF
C447	178-1052-78	1uF
C449	168-3332-78	0.033uF K
C450	168-1022-55	1000pF K
C451	168-1022-55	1000pF K
C452	168-1022-55	1000pF K
C453	168-1022-55	1000pF K
C454	168-2232-55	0.022uF K
C457	178-1052-78	1uF
C458	168-4712-55	470pF K
C459	168-1022-55	1000pF K
C460	163-2263-35	16V22uF
C461	168-1042-78	16V 0.1uF
C462	163-3373-15	6.3V330uF
C464	163-2273-25	10V 220uF

REF No.	PART No.	DESCRIPTION
C465	168-1042-78	16V 0.1uF
C466	168-1042-78	16V 0.1uF
C467	168-1042-78	16V 0.1uF
C469	168-1032-55	0.01uF K
C470	168-5622-55	5600pF K
C471	168-5622-55	5600pF K
C472	168-3322-55	3300pF K
C473	168-3322-55	3300pF K
C474	166-1011-50	100pF CH
C475	166-1011-50	100pF CH
C501	168-1022-55	1000pF K
C502	168-1022-55	1000pF K
C503	168-1022-55	1000pF K
C504	168-1022-55	1000pF 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	168-1042-78	16V 0.1uF
C510	166-5611-50	560pF CH
C511	166-5611-50	560pF CH
C512	168-3912-55	390pF K
C513	168-3912-55	390pF K
C514	166-2201-50	22pF CH
C515	166-2201-50	22pF CH
C516	166-2201-50	22pF CH
C517	166-2201-50	22pF CH
C518	166-5611-50	560pF CH
C519	166-5611-50	560pF CH
C520	168-3912-55	390pF K
C521	168-3912-55	390pF K
C522	178-1052-78	1uF
C523	178-1052-78	1uF
C524	178-1052-78	1uF
C525	178-1052-78	1uF
C526	163-1063-35	16V10uF
C527	163-2263-35	16V22uF
C528	163-2253-65	50V2.2uF
C537	163-1073-15	6.3V100uF
C538	168-1042-78	16V 0.1uF
C539	168-1042-78	16V 0.1uF
C540	168-1042-78	16V 0.1uF
C541	163-1063-35	16V10uF
C550	178-4742-78	0.47uF
C551	178-4742-78	0.47uF
C552	178-4742-78	0.47uF
C553	178-4742-78	0.47uF
C603	163-4763-35	16V47uF
C605	163-4763-35	16V47uF
C608	178-1052-78	1uF
C609	163-2273-25	10V 220uF
C610	178-1042-78	0.1uF
C611	178-1042-78	0.1uF
C612	163-1063-35	16V10uF
C613	168-1042-78	16V 0.1uF
C614	042-0416-56	10V 22uF M TAN
C615	178-1052-78	1uF
C616	163-2273-25	10V 220uF
C617	042-0416-56	10V 22uF M TAN
C618	168-1042-78	16V 0.1uF
C619	178-1042-78	0.1uF
C620	168-1042-78	16V 0.1uF
C621	163-1063-35	16V10uF
C622	042-0406-93	16V 22uF TAN
C623	168-1042-78	16V 0.1uF
C624	178-1042-78	0.1uF
C625	163-1073-35	16V100uF
C626	168-6822-55	6800pF K
C627	163-1063-35	16V10uF
C628	168-1042-78	16V 0.1uF
C629	163-1063-35	16V10uF
C701	166-4701-50	47pF CH
C702	042-1698-00	16V 4700uF
C704	178-1042-78	0.1uF

REF No.	PART No.	DESCRIPTION
C705	168-2212-55	220pF K
C706	163-1053-65	50V1uF
C707	168-2245-79	0.22uF Z
C708	168-2222-55	2200pF K
C709	168-2222-55	2200pF K
C710	168-2222-55	2200pF K
C711	168-2222-55	2200pF K
C712	168-2222-55	2200pF K
C713	168-2222-55	2200pF K
C714	168-2222-55	2200pF K
C715	168-2222-55	2200pF K
C716	168-2222-55	2200pF K
C717	168-2222-55	2200pF K
C718	168-2222-55	2200pF K
C719	168-2222-55	2200pF K
C720	178-1042-78	0.1uF
C721	163-1053-65	50V1uF
C722	166-3301-50	33pF CH
C723	168-2212-55	220pF K
C905	168-1042-78	16V 0.1uF
C906	166-1011-50	100pF CH
C907	166-1011-50	100pF CH
D201	001-0580-90	1SS352
D202	001-0580-90	1SS352
D203	001-0516-90	MA111
D204	001-0516-90	MA111
D301	001-0529-28	MA8051-L
D502	001-0516-90	MA111
D516	001-0516-90	MA111
D602	001-0580-90	1SS352
D603	001-0529-47	MA8091-M
D604	001-0529-28	MA8051-L
D605	001-0580-90	1SS352
D606	001-0516-90	MA111
D607	001-0516-90	MA111
D608	001-2614-90	1SR-154-400
D610	001-0580-90	1SS352
D611	001-2614-90	1SR-154-400
D614	001-2614-90	1SR-154-400
D615	001-0584-24	MA8082
D617	001-2614-90	1SR-154-400
D618	001-2614-90	1SR-154-400
D619	001-2614-90	1SR-154-400
D620	001-2614-90	1SR-154-400
D622	001-2614-90	1SR-154-400
D623	001-2614-90	1SR-154-400
D624	001-0598-24	MA5180
D625	001-2614-90	1SR-154-400
D626	001-0529-32	MA8056-M
D701	001-0516-90	MA111
D702	001-0516-90	MA111
D703	001-0580-90	1SS352
D704	001-0580-90	1SS352
D705	001-0580-90	1SS352
D706	001-0580-90	1SS352
D707	001-0529-31	MA8056-L
D709	001-0580-90	1SS352
D710	001-0580-90	1SS352
D711	001-0529-34	MA8062-L
D712	001-0529-31	MA8056-L
D713	001-2015-00	RL253
D715	001-0580-90	1SS352
D716	001-0598-24	MA5180
D717	001-0580-90	1SS352
D718	001-0608-90	D1FS4
D719	001-0580-90	1SS352
D720	001-0580-90	1SS352
D721	001-0580-90	1SS352
D723	001-0580-90	1SS352
D724	001-0529-34	MA8062-L
D725	001-0516-90	MA111
D901	001-4902-92	HZM27FA-TL
IC101	051-6212-08	LC72191JM-TLM
IC301	051-5440-08	S-80931CNMC-G81

REF No.	PART No.	DESCRIPTION
	051-5440-08	S-80931ANMP-DDV
IC302	051-9419-08	BR24L02FVM-WTR
IC303	052-3195-20	M30843MW-063GP (2770F,2798F)
	052-3195-70	M30853FHGP (2829R)
IC401	051-6706-20	SAF7730HV/N217
IC501	051-3053-90	NJM2058V
IC502	051-2055-00	TDA8593J/N3
IC602	051-3340-00	LD1085P
IC603	051-3343-00	NJM2396F3
IC604	051-3340-00	LD1085P
IC605	051-3263-90	NJU7200U33
IC606	051-3341-90	BD3931FP
IC607	051-5441-08	BD4828G-TR
IC902	051-6647-90	TJA1050T/N1
J202	074-1237-69	19PIN
J701	074-1260-00	24PIN
J702	074-1259-00	16PIN
L101	010-2003-04	76uH
L102	010-4044-00	27mH
L103	010-3105-62	1k ohm/100MHz
L201	010-2198-59	4.7uH
L202	010-3406-66	NLV25 22uH J
L301	010-3406-66	NLV25 22uH J
L302	010-3406-66	NLV25 22uH J
L401	010-3105-62	1k ohm/100MHz
L402	010-3105-62	1k ohm/100MHz
L403	010-3105-62	1k ohm/100MHz
L404	010-3105-62	1k ohm/100MHz
L405	010-3105-62	1k ohm/100MHz
L406	010-3105-62	1k ohm/100MHz
L407	010-3104-54	600 ohm/100MHz
L409	010-3105-62	1k ohm/100MHz
L410	010-3105-62	1k ohm/100MHz
L411	010-3105-62	1k ohm/100MHz
L412	010-3105-62	1k ohm/100MHz
L413	010-3105-62	1k ohm/100MHz
L414	010-3105-62	1k ohm/100MHz
L415	010-3105-62	1k ohm/100MHz
L416	010-3105-62	1k ohm/100MHz
L417	010-3105-62	1k ohm/100MHz
L418	010-3105-62	1k ohm/100MHz
L420	010-3105-62	1k ohm/100MHz
L421	010-3104-54	600 ohm/100MHz
L422	010-3105-62	1k ohm/100MHz
L423	010-2198-51	0.22uH
L424	010-3105-62	1k ohm/100MHz
L505	010-3406-66	NLV25 22uH J
L702	010-3105-62	1k ohm/100MHz
L703	010-8026-00	210uH
L704	010-3105-62	1k ohm/100MHz
L705	010-3105-62	1k ohm/100MHz
L706	010-3105-62	1k ohm/100MHz
L707	010-3105-62	1k ohm/100MHz
L708	010-3105-62	1k ohm/100MHz
L709	010-3105-62	1k ohm/100MHz
L710	010-3105-62	1k ohm/100MHz
L711	010-3105-62	1k ohm/100MHz
L717	010-3105-62	1k ohm/100MHz
P201	076-3009-64	14PIN
P202	076-3009-64	14PIN
P701	076-0642-50	15PIN
Q201	125-2026-91	UN5211
Q202	125-0020-93	UN511300L
Q203	198-3018-00	2SK3018
Q204	125-2026-95	UN521N
Q205	198-3018-00	2SK3018
Q206	125-2026-95	UN521N
Q301	125-2026-91	UN5211
Q401	125-7005-90	PHK04P02T
Q402	125-2026-91	UN5211
Q404	125-2026-91	UN5211
Q406	125-2026-91	UN5211

REF No.	PART No.	DESCRIPTION
Q407	125-2026-91	UN5211
Q408	125-2026-91	UN5211
Q409	125-2026-91	UN5211
Q510	193-1306-00	2SD1306
Q511	193-1306-00	2SD1306
Q512	193-1306-00	2SD1306
Q513	193-1306-00	2SD1306
Q514	190-1298-00	2SA1298
Q515	125-2026-91	UN5211
Q604	190-1736-00	2SA1736
Q605	125-2026-91	UN5211
Q606	133-1766-00	2SD1766
Q607	125-2026-91	UN5211
Q608	192-2712-50	2SC2712 Y,G,L
Q609	125-0020-91	UN5111
Q610	192-2712-50	2SC2712 Y,G,L
Q611	101-1274-00	2SB1274
Q612	191-1197-50	2SB1197K Q,R
Q613	125-2026-91	UN5211
Q614	191-1205-65	2SB1205 S,T
Q615	192-2712-50	2SC2712 Y,G,L
Q616	192-2712-50	2SC2712 Y,G,L
Q617	191-1197-50	2SB1197K Q,R
Q618	125-2026-91	UN5211
Q619	191-1205-65	2SB1205 S,T
Q620	192-2712-50	2SC2712 Y,G,L
Q621	190-1162-00	2SA1162
Q622	125-2026-91	UN5211
Q623	190-1736-00	2SA1736
Q624	125-2026-91	UN5211
Q625	190-1736-00	2SA1736
Q626	125-2026-91	UN5211
Q627	190-1736-00	2SA1736
Q628	125-2026-91	UN5211
Q629	125-0020-93	UN511300L
Q631	193-1758-00	2SD1758TK P,Q,R
Q632	191-0709-50	2SB709AR,SL
Q633	191-0709-50	2SB709AR,SL
Q635	191-0709-50	2SB709AR,SL
Q701	192-2712-50	2SC2712 Y,G,L
Q702	125-2026-91	UN5211
Q703	192-2712-50	2SC2712 Y,G,L
Q704	192-2712-50	2SC2712 Y,G,L
Q705	192-2712-50	2SC2712 Y,G,L
Q706	192-2712-50	2SC2712 Y,G,L
Q707	192-2712-50	2SC2712 Y,G,L
Q708	192-2712-50	2SC2712 Y,G,L
Q709	192-2712-50	2SC2712 Y,G,L
Q710	191-1197-50	2SB1197K Q,R
R102	119-2741-15	1/10W 270k ohm
R103	119-1041-15	1/10W 100k ohm
R104	119-1011-15	1/10W 100 ohm
R105	119-6821-15	1/10W 6.8k ohm
R106	119-6821-15	1/10W 6.8k 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
R111	116-5691-15	1/4W 5.6 ohm
R112	119-4731-15	1/10W 47k ohm
R201	119-1031-15	1/10W 10k ohm
R202	119-1031-15	1/10W 10k ohm
R203	119-4731-15	1/10W 47k ohm
R204	119-1011-15	1/10W 100 ohm
R205	119-0000-05	1/10W 0 ohm JW
R213	119-2231-15	1/10W 22k ohm
R214	119-2231-15	1/10W 22k ohm
R215	119-3331-15	1/10W 33k ohm
R301	119-1031-15	1/10W 10k ohm
R302	119-3931-15	1/10W 39k ohm
R303	119-4731-15	1/10W 47k ohm
R304	116-5611-15	1/4W 560 ohm
R305	119-1021-15	1/10W 1k ohm
R306	119-1021-15	1/10W 1k ohm

REF No.	PART No.	DESCRIPTION
R307	119-1021-15	1/10W 1k ohm
R308	119-1021-15	1/10W 1k ohm
R309	119-1021-15	1/10W 1k ohm
R310	119-1011-15	1/10W 100 ohm
R311	119-1021-15	1/10W 1k ohm
R312	119-1021-15	1/10W 1k ohm
R313	119-1021-15	1/10W 1k ohm
R314	119-4721-15	1/10W 4.7k ohm
R315	119-1011-15	1/10W 100 ohm
R316	119-4721-15	1/10W 4.7k ohm
R317	119-1011-15	1/10W 100 ohm
R318	119-1011-15	1/10W 100 ohm
R319	119-1021-15	1/10W 1k ohm
R320	119-4731-15	1/10W 47k ohm
R321	119-1021-15	1/10W 1k ohm
R322	119-4731-15	1/10W 47k ohm
R323	119-1011-15	1/10W 100 ohm
R324	119-1011-15	1/10W 100 ohm
R325	119-4731-15	1/10W 47k ohm
R326	119-4731-15	1/10W 47k ohm
R327	119-4721-15	1/10W 4.7k ohm
R328	119-4721-15	1/10W 4.7k ohm
R329	119-4731-15	1/10W 47k ohm
R337	119-1031-15	1/10W 10k ohm
R338	119-1031-15	1/10W 10k ohm
R339	119-2231-15	1/10W 22k ohm
R340	119-1021-15	1/10W 1k ohm
R342	119-4731-15	1/10W 47k ohm
R344	119-4731-15	1/10W 47k ohm
R346	119-1021-15	1/10W 1k ohm
R348	119-1021-15	1/10W 1k ohm
R351	119-4731-15	1/10W 47k ohm
R352	119-1021-15	1/10W 1k ohm
R353	119-4731-15	1/10W 47k ohm
R354	119-1021-15	1/10W 1k ohm
R355	119-1011-15	1/10W 100 ohm
R356	119-1011-15	1/10W 100 ohm
R357	119-1011-15	1/10W 100 ohm
R358	119-1011-15	1/10W 100 ohm
R359	119-1021-15	1/10W 1k ohm
R360	119-1021-15	1/10W 1k ohm
R361	119-1031-15	1/10W 10k ohm
R362	119-1031-15	1/10W 10k ohm
R363	119-4731-15	1/10W 47k ohm
R364	119-4731-15	1/10W 47k ohm
R365	119-4731-15	1/10W 47k ohm
R366	119-4731-15	1/10W 47k ohm
R367	119-2231-15	1/10W 22k ohm
R368	119-4731-15	1/10W 47k ohm
R369	119-4731-15	1/10W 47k ohm
R370	119-4731-15	1/10W 47k ohm
R371	119-4721-15	1/10W 4.7k ohm
R372	119-4721-15	1/10W 4.7k ohm
R373	119-4721-15	1/10W 4.7k ohm
R374	119-1031-15	1/10W 10k ohm
R375	119-4721-15	1/10W 4.7k ohm
R376	119-4721-15	1/10W 4.7k ohm
R377	119-4731-15	1/10W 47k ohm
R401	032-0140-63	1/10W 27k ohm F
R402	032-0140-63	1/10W 27k ohm F
R403	119-2731-15	1/10W 27k ohm
R404	119-2731-15	1/10W 27k ohm
R406	032-0140-50	1/10W 10k ohm F
R407	032-0140-50	1/10W 10k ohm F
R408	032-0140-50	1/10W 10k ohm F
R409	032-0140-50	1/10W 10k ohm F
R410	119-2201-15	1/10W 22 ohm
R412	119-0000-05	1/10W 0 ohm JW
R413	119-1031-15	1/10W 10k ohm
R414	119-1021-15	1/10W 1k ohm
R416	119-1031-15	1/10W 10k ohm
R417	119-0000-05	1/10W 0 ohm JW
R418	119-1031-15	1/10W 10k ohm
R419	119-0000-05	1/10W 0 ohm JW

REF No.	PART No.	DESCRIPTION
R420	119-1031-15	1/10W 10k ohm
R421	119-1031-15	1/10W 10k ohm
R423	119-1001-15	1/10W 10 ohm
R425	119-0000-05	1/10W 0 ohm JW
R426	032-0140-50	1/10W 10k ohm F
R427	032-0140-50	1/10W 10k ohm F
R429	032-0140-50	1/10W 10k ohm F
R430	032-0140-50	1/10W 10k ohm F
R431	119-0000-05	1/10W 0 ohm JW
R436	119-0000-05	1/10W 0 ohm JW
R440	119-1031-15	1/10W 10k ohm
R441	119-1031-15	1/10W 10k ohm
R442	119-1011-15	1/10W 100 ohm
R443	119-1011-15	1/10W 100 ohm
R446	119-1031-15	1/10W 10k ohm
R449	119-1031-15	1/10W 10k ohm
R451	119-8221-15	1/10W 8.2k ohm
R452	119-1011-15	1/10W 100 ohm
R453	119-1001-15	1/10W 10 ohm
R457	119-0000-05	1/10W 0 ohm JW
R460	119-0000-05	1/10W 0 ohm JW
R501	119-1021-15	1/10W 1k ohm
R502	119-1021-15	1/10W 1k ohm
R503	119-1021-15	1/10W 1k ohm
R504	119-1021-15	1/10W 1k ohm
R505	119-1031-15	1/10W 10k ohm
R506	119-1031-15	1/10W 10k ohm
R507	119-1031-15	1/10W 10k ohm
R508	119-1031-15	1/10W 10k ohm
R509	119-1031-15	1/10W 10k ohm
R510	119-1031-15	1/10W 10k ohm
R511	119-3321-15	1/10W 3.3k ohm
R512	119-3321-15	1/10W 3.3k ohm
R513	119-1031-15	1/10W 10k ohm
R514	119-1031-15	1/10W 10k ohm
R515	119-1051-15	1/10W 1M ohm
R516	119-1051-15	1/10W 1M ohm
R517	119-1051-15	1/10W 1M ohm
R518	119-1051-15	1/10W 1M ohm
R519	119-1031-15	1/10W 10k ohm
R520	119-1031-15	1/10W 10k ohm
R521	119-3321-15	1/10W 3.3k ohm
R522	119-3321-15	1/10W 3.3k ohm
R523	119-1031-15	1/10W 10k ohm
R524	119-1031-15	1/10W 10k ohm
R525	119-1021-15	1/10W 1k ohm
R528	119-4721-15	1/10W 4.7k ohm
R529	119-4721-15	1/10W 4.7k ohm
R535	119-1011-15	1/10W 100 ohm
R536	119-1011-15	1/10W 100 ohm
R537	117-3901-15	1/8W 39 ohm
R538	117-3901-15	1/8W 39 ohm
R539	117-3901-15	1/8W 39 ohm
R540	117-3901-15	1/8W 39 ohm
R541	117-3901-15	1/8W 39 ohm
R542	117-3901-15	1/8W 39 ohm
R543	117-3901-15	1/8W 39 ohm
R544	117-3901-15	1/8W 39 ohm
R545	117-8201-15	1/8W 82 ohm
R546	117-8201-15	1/8W 82 ohm
R547	117-8201-15	1/8W 82 ohm
R548	117-8201-15	1/8W 82 ohm
R553	119-0000-05	1/10W 0 ohm JW
R554	119-0000-05	1/10W 0 ohm JW
R555	119-0000-05	1/10W 0 ohm JW
R556	119-0000-05	1/10W 0 ohm JW
R560	119-0000-05	1/10W 0 ohm JW
R561	119-0000-05	1/10W 0 ohm JW
R562	119-0000-05	1/10W 0 ohm JW
R563	119-0000-05	1/10W 0 ohm JW
R564	119-1011-15	1/10W 100 ohm
R565	119-1011-15	1/10W 100 ohm
R566	119-1011-15	1/10W 100 ohm
R567	119-1011-15	1/10W 100 ohm

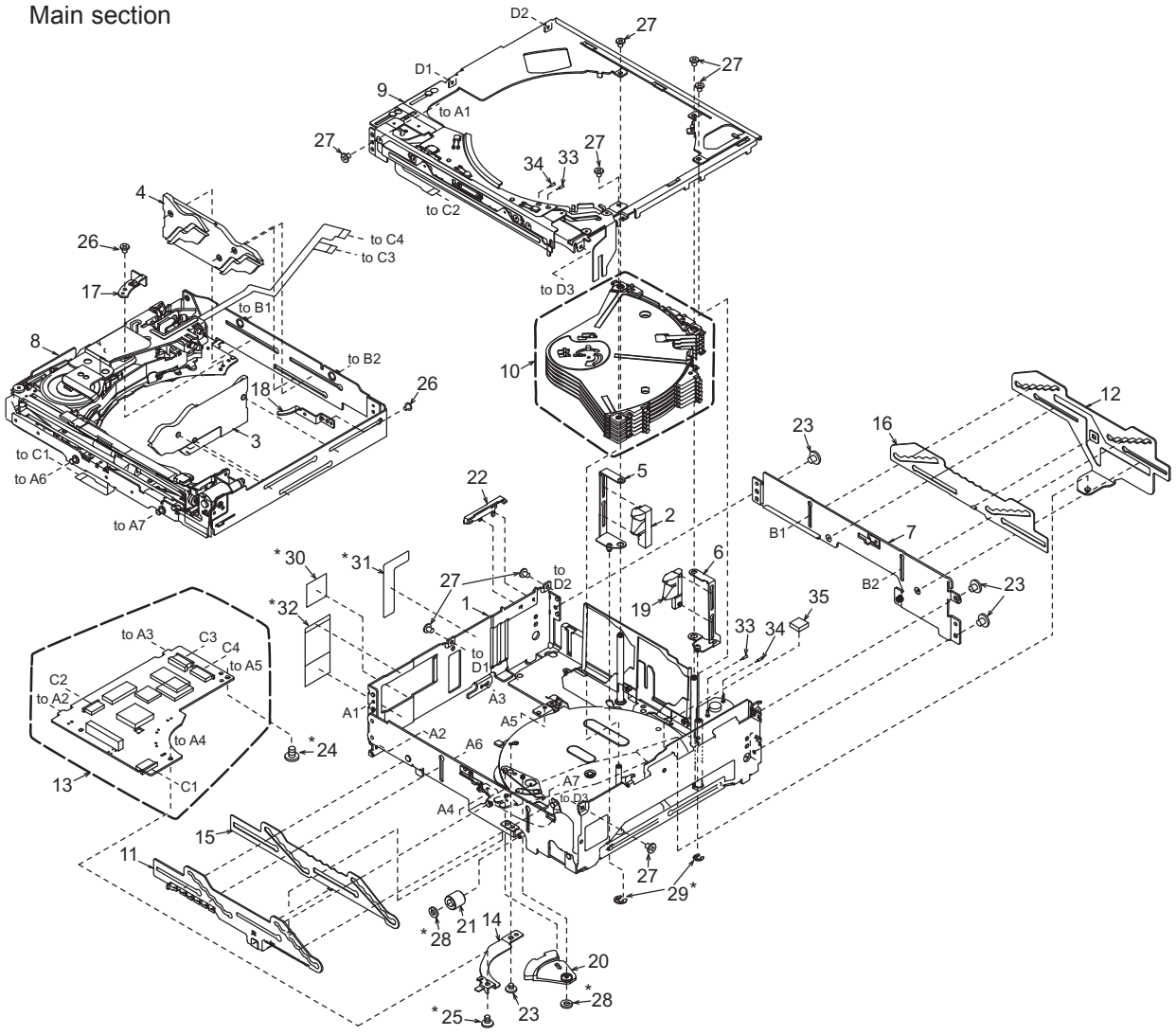
REF No.	PART No.	DESCRIPTION
R568	119-4731-15	1/10W 47k ohm
R569	119-4731-15	1/10W 47k ohm
R570	119-4731-15	1/10W 47k ohm
R571	119-4731-15	1/10W 47k ohm
R574	119-2231-15	1/10W 22k ohm
R575	119-2231-15	1/10W 22k ohm
R578	119-2231-15	1/10W 22k ohm
R579	119-2231-15	1/10W 22k ohm
R580	119-1031-15	1/10W 10k ohm
R581	119-1521-15	1/10W 1.5k ohm
R582	119-3331-15	1/10W 33k ohm
R583	119-7521-15	1/10W 7.5k ohm
R584	119-0000-05	1/10W 0 ohm JW
R602	119-1031-15	1/10W 10k ohm
R605	119-1031-15	1/10W 10k ohm
R606	116-4711-15	1/4W 470 ohm
R607	119-1031-15	1/10W 10k ohm
R608	119-3311-15	1/10W 330 ohm
R609	032-0140-93	1/10W 2k ohm F
R610	032-0140-98	1/10W 330 ohm F
R612	116-1011-15	1/4W 100 ohm
R613	117-1021-15	1/8W 1k ohm
R614	119-1031-15	1/10W 10k ohm
R615	116-1821-15	1/4W 1.8k ohm
R616	119-1531-15	1/10W 15k ohm
R617	116-1821-15	1/4W 1.8k ohm
R618	116-2291-15	1/4W 2.2 ohm
R619	119-1021-15	1/10W 1k ohm
R620	116-1821-15	1/4W 1.8k ohm
R621	119-1031-15	1/10W 10k ohm
R622	119-1031-15	1/10W 10k ohm
R623	116-1821-15	1/4W 1.8k ohm
R624	119-4721-15	1/10W 4.7k ohm
R625	119-1031-15	1/10W 10k ohm
R626	119-2221-15	1/10W 2.2k ohm
R627	119-1031-15	1/10W 10k ohm
R628	119-1031-15	1/10W 10k ohm
R629	119-4731-15	1/10W 47k ohm
R630	032-0140-93	1/10W 2k ohm F
R631	032-0140-98	1/10W 330 ohm F
R632	119-1031-15	1/10W 10k ohm
R633	116-2221-15	1/4W 2.2k ohm
R634	116-2221-15	1/4W 2.2k ohm
R635	116-2221-15	1/4W 2.2k ohm

REF No.	PART No.	DESCRIPTION
R636	119-4731-15	1/10W 47k ohm
R637	119-1031-15	1/10W 10k ohm
R638	116-2221-15	1/4W 2.2k ohm
R639	119-4721-15	1/10W 4.7k ohm
R640	119-1031-15	1/10W 10k ohm
R641	119-4721-15	1/10W 4.7k ohm
R642	116-1221-15	1/4W 1.2k ohm
R643	116-4721-15	1/4W 4.7k ohm
R644	116-5691-15	1/4W 5.6 ohm
R645	116-4721-15	1/4W 4.7k ohm
R646	119-1241-15	1/10W 120k ohm
R647	119-7531-15	1/10W 75k ohm
R648	116-1221-15	1/4W 1.2k ohm
R649	116-2291-15	1/4W 2.2 ohm
R650	116-2291-15	1/4W 2.2 ohm
R651	116-2291-15	1/4W 2.2 ohm
R655	116-4721-15	1/4W 4.7k ohm
R656	116-1221-15	1/4W 1.2k ohm
R657	116-4711-15	1/4W 470 ohm
R658	116-4711-15	1/4W 470 ohm
R659	119-1021-15	1/10W 1k ohm
R661	116-4791-15	1/4W 4.7 ohm
R662	116-4791-15	1/4W 4.7 ohm
R663	116-5691-15	1/4W 5.6 ohm
R664	116-5691-15	1/4W 5.6 ohm
R665	116-5691-15	1/4W 5.6 ohm
R666	116-5691-15	1/4W 5.6 ohm
R667	116-5691-15	1/4W 5.6 ohm
R701	119-2231-15	1/10W 22k ohm
R702	119-2231-15	1/10W 22k ohm
R703	119-2231-15	1/10W 22k ohm
R704	119-2231-15	1/10W 22k ohm
R705	119-2231-15	1/10W 22k ohm
R706	119-2231-15	1/10W 22k ohm
R707	119-4731-15	1/10W 47k ohm
R708	116-1021-15	1/4W 1k ohm
R709	119-2231-15	1/10W 22k ohm
R710	116-1021-15	1/4W 1k ohm
R711	119-2231-15	1/10W 22k ohm
R712	116-2211-15	1/4W 220 ohm
R713	119-2231-15	1/10W 22k ohm
R714	116-2211-15	1/4W 220 ohm
R715	116-1021-15	1/4W 1k ohm
R716	116-1021-15	1/4W 1k ohm

REF No.	PART No.	DESCRIPTION
R717	119-1041-15	1/10W 100k ohm
R718	116-2211-15	1/4W 220 ohm
R719	116-2211-15	1/4W 220 ohm
R720	116-1021-15	1/4W 1k ohm
R721	119-2231-15	1/10W 22k ohm
R722	119-1021-15	1/10W 1k ohm
R723	119-4721-15	1/10W 4.7k ohm
R725	119-1031-15	1/10W 10k ohm
R726	119-6821-15	1/10W 6.8k ohm
R727	119-5611-15	1/10W 560 ohm
R728	116-1011-15	1/4W 100 ohm
R729	116-1531-15	1/4W 15k ohm
R730	116-1021-15	1/4W 1k ohm
R731	116-1021-15	1/4W 1k ohm
R732	116-1011-15	1/4W 100 ohm
R733	116-1021-15	1/4W 1k ohm
R734	116-1021-15	1/4W 1k ohm
R735	119-5611-15	1/10W 560 ohm
R736	116-2291-15	1/4W 2.2 ohm
R737	119-1031-15	1/10W 10k ohm
R738	119-5621-15	1/10W 5.6k ohm
R739	116-1021-15	1/4W 1k ohm
R740	119-0000-05	1/10W 0 ohm JW
R741	117-4721-15	1/8W 4.7k ohm
R743	119-0000-05	1/10W 0 ohm JW
R744	119-0000-05	1/10W 0 ohm JW
R745	119-0000-05	1/10W 0 ohm JW
R746	119-0000-05	1/10W 0 ohm JW
R747	119-0000-05	1/10W 0 ohm JW
R996	119-0000-05	1/10W 0 ohm JW
R997	119-0000-05	1/10W 0 ohm JW
R999	119-0000-05	1/10W 0 ohm JW
SUP101	060-0122-91	DSP-141N-S00B
TC101	004-1580-10	30pF TRIMMER
TM101	073-0762-90	TERMINAL
TM301	073-0762-90	TERMINAL
TM401	073-0762-90	TERMINAL
TM701	073-0762-90	TERMINAL
X101	061-3515-90	7.2MHz
X301	061-3541-90	CRYSTAL 10MHz
X401	061-3537-90	41.6MHz
PWB	039-2712-20	PWB(WITHOUT COMPONENT)

EXPLODED VIEW / PARTS LIST

Main section



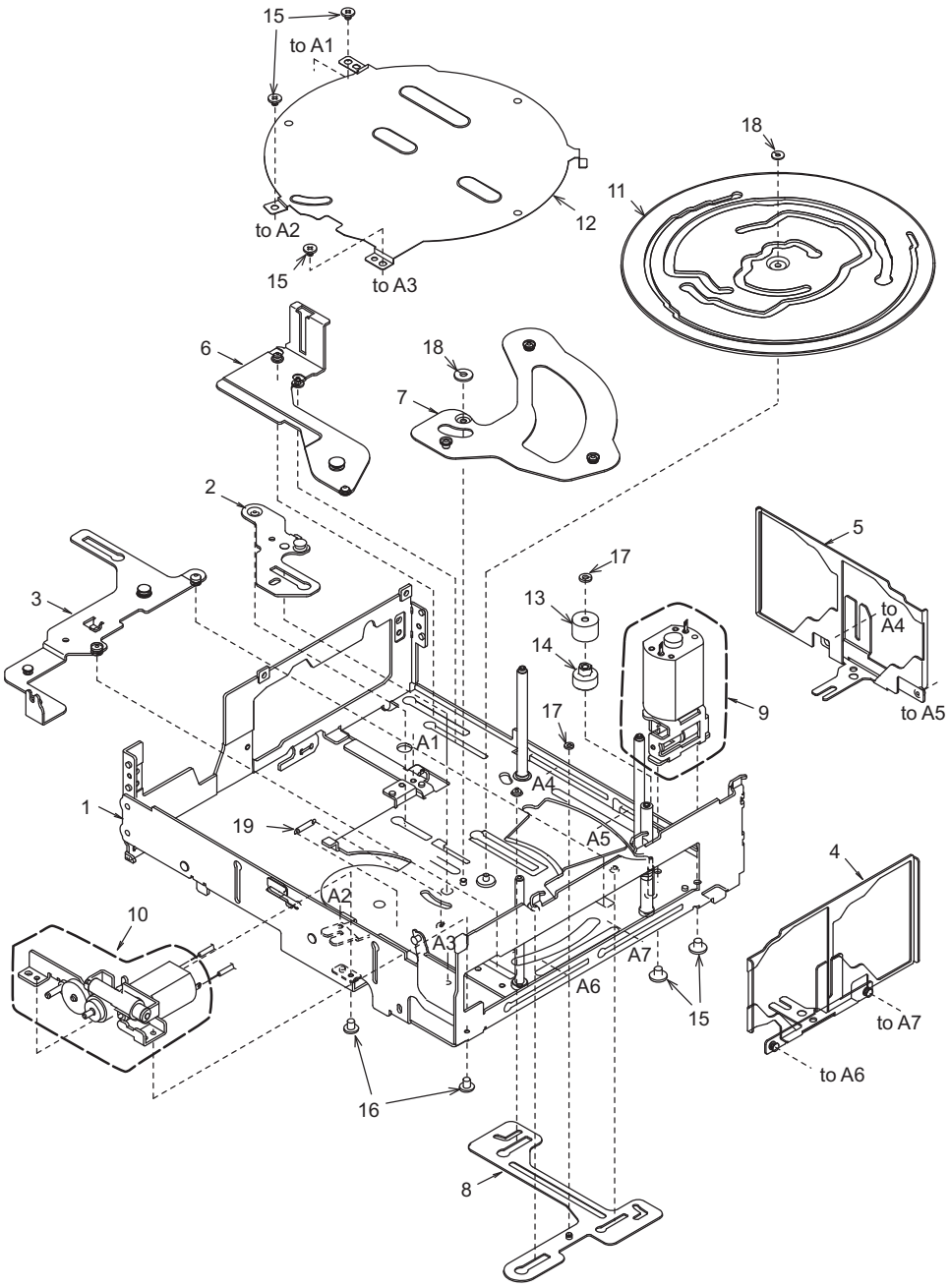
* Do not reuse the following parts.

(No.24,25,28,29,30,31,32)

NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1750-25	LOWER UNIT ASSY	1
2	966-0667-20	DISC STP-ASSY L	1
3	966-0668-21	DH-SEL-ASSY S	1
4	966-0669-21	DH-SEL-ASSY R	1
5	966-0670-22	DS-SP-ASSY L	1
6	966-0671-22	DS-SP-ASSY R	1
7	966-0672-21	REAR-P-ASSY	1
8	966-0686-24	C-DRIVE-CH UNIT	1
9	966-0689-99	UPPER UNIT ASSY	1
10	HBS-550-100	DISCHOLDER UNIT	1
11	966-1725-20	SLIDE-P-ASSY F	1
12	966-0709-20	SLIDE-P-ASSY	1
13	HBS-559-100	CD-PWB-ASSY	1
14	620-1640-20	SW-H-PLATE	1
15	620-1661-21	GAP PLATE F	1
16	620-1662-20	GAP PLATE R	1
17	620-1685-21	DS-PLATE L	1
18	620-1686-20	DS-PLATE R	1

NO.	PART NO.	DESCRIPTION	Q'TY
19	621-1634-22	DISC STOPPER R	1
20	621-1636-22	SW LINK	1
21	621-1738-20	UD-GEAR-D	1
22	621-1715-20	FPC-STOPPER	1
23	716-1850-01	SCREW(M2.0x2.0)	4
24	716-1850-02	SCREW(M2.0x2.0)	1
25	716-1851-02	SCREW(M2.0x3.0)	1
26	716-3450-00	SCREW(M1.7x2.0)	2
27	716-3451-01	SCREW(M1.7x2.5)	8
28	746-0761-00	WASHER	2
29	744-0045-00	C-RING	2
30	347-7271-00	FPC SHEET	1
31	347-7275-00	PROTECT SHEET	1
32	347-7276-00	FPC-SHEET C	1
33	800-4921-60	VINYL-COAT-WIRE	1
34	802-4921-60	VINYL-COAT-WIRE	1
35	345-5824-00	RUBBER PART	1

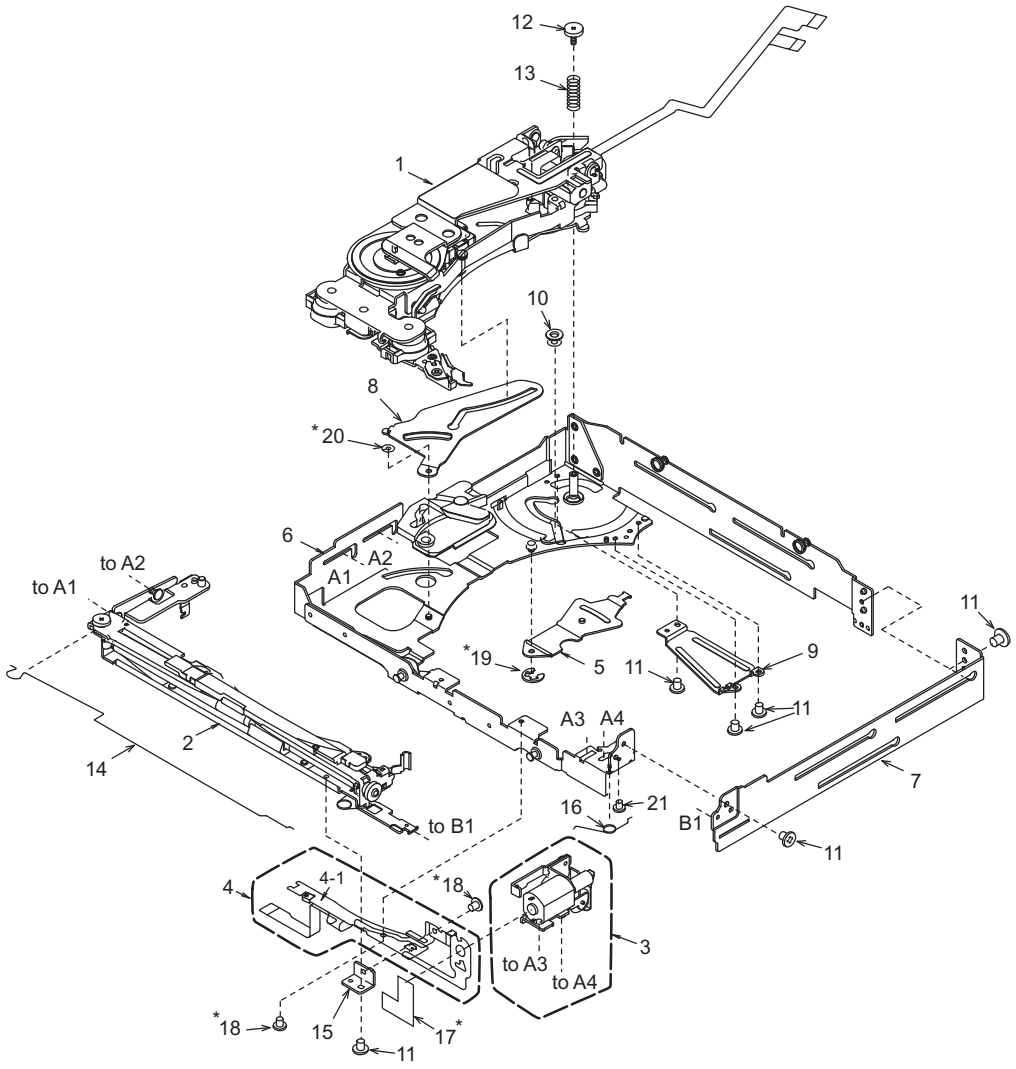
Lower unit assy section



NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1752-23	LOWER-C-ASSY	1
2	966-0658-21	DH-SP-ASSY A	1
3	966-0662-21	DS-SP-ASSY A	1
4	966-0660-22	DH-SP-ASSY S	1
5	966-0661-22	DH-SP-ASSY R	1
6	966-0677-22	D-SHT PL-B-ASSY	1
7	966-0659-21	DH-SP-ASSY B	1
8	966-0666-22	DS-SP-ASSY B	1
9	HBS-546-100	M-MTR SUB ASSY	1
10	HBS-554-100	UD-MOTOR-ASSY	1

NO.	PART NO.	DESCRIPTION	Q'TY
11	620-1623-21	CAM GEAR	1
12	620-1624-24	GEAR COVER	1
13	621-0732-21	M-GEAR B	1
14	621-0733-20	M-GEAR C	1
15	716-1850-01	SCREW(M2.0x2.0)	5
16	716-3451-01	SCREW(M1.7x2.5)	2
17	746-0761-00	WASHER	2
18	746-0768-00	WASHER	2
19	750-6756-00	SW-L-SPRING	1

C-Drive-CH unit section

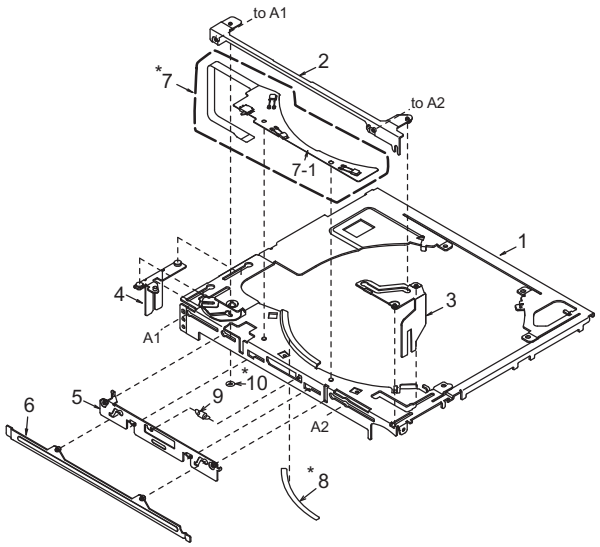


* Do not reuse the following parts.
(No.17,18,19,20)

NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-548-100	C-DRIVE UNIT	1
2	HBS-549-100	LOADING-U-ASSY	1
3	HBS-556-100	LO-MOTOR-S-ASSY	1
4	HBS-552-100	L-SENSOR-S-ASSY	1
4-1	----------	SENSOR-L-FPC	1
5	966-0676-20	D-SHT LK-A-ASSY	1
6	966-0675-20	DRIVE-CH A ASSY	1
7	620-1681-21	DRIVE CHASSIS B	1
8	620-1672-21	DR-SUPPORT-PL	1
9	620-1680-20	D-SHIFT COVER	1
10	622-1743-20	D-SHIFT ROLLER B	1

NO.	PART NO.	DESCRIPTION	Q'TY
11	716-3450-00	SCREW(M1.7x2.0)	6
12	716-3459-01	SCREW(M1.7x2.0)	1
13	750-6761-20	DRIVE SPRING A	1
14	750-6764-21	GUIDE ARM	1
15	620-1651-20	S-PWB-PLATE	1
16	750-6754-20	LO-ES-SPRING B	1
17	345-5424-01	SEN-FPC GUIDE	1
18	716-1859-01	SCREW(M1.7x2.0)	2
19	744-0039-00	E-RING	1
20	746-0870-00	WASHER	1
21	716-3538-00	SCREW(M1.7x2.0)	1

Upper unit assy section



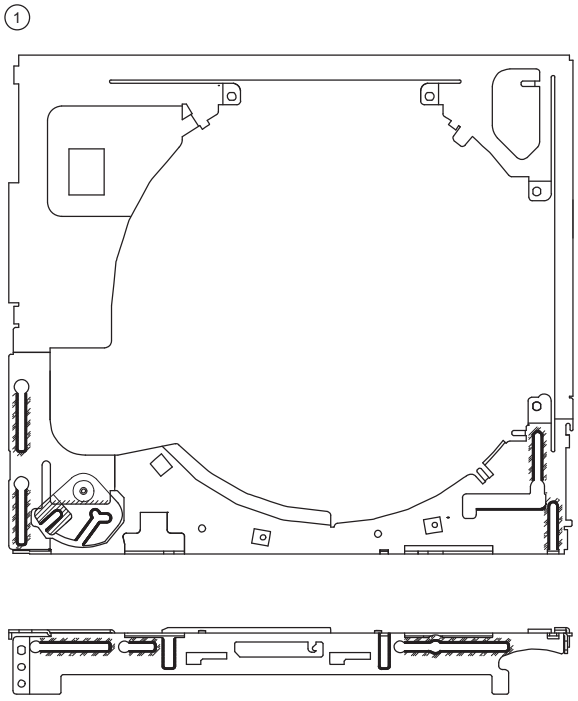
* Do not reuse the following parts.
(No.7,8,10)

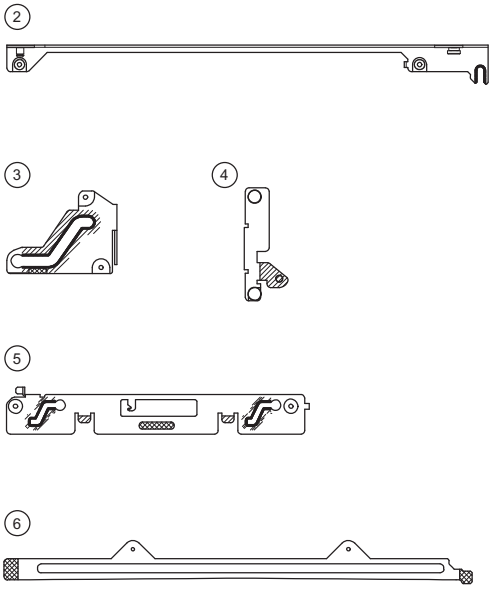
NO.	PART NO.	DESCRIPTION	Q'TY
1	966-0705-27	UPPER-CHA-ASSY	1
2	966-0699-23	LO-SHIFT A ASSY	1
3	966-0700-21	LO-SHIFT B ASSY	1
4	966-0701-21	LO-SHIFT ASSY	1
5	966-0702-22	SHUTTER-PL-ASSY	1
6	966-0703-21	SHUTTER ASSY	1
7	HBS-553-100	U-SENSOR-S-ASSY	1
7-1	----------	SENSOR-U-FPC	1
8	347-7272-00	RATTLE SHEET	1
9	750-6755-21	SHUTTER SPRING	1
10	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	





ELECTRICAL PARTS LIST

CD PWB section(BM1)

REF No.	PART No.	DESCRIPTION
C1	042-0672-00	25V 47uF TA
C2	166-1011-50	100pF CH
C3	168-1045-56	0.1uF Z
C4	178-1052-78	1uF
C5	042-0671-01	10V 47uF TA
C7	168-1032-55	0.01uF K
C9	178-1052-78	1uF
C10	168-1045-56	0.1uF Z
C12	178-1052-78	1uF
C13	178-1052-78	1uF
C14	042-0671-01	10V 47uF TA
C15	166-1007-50	10pF CH
C16	166-1007-50	10pF CH
C17	168-2222-55	2200pF K
C18	178-1052-78	1uF
C20	178-1052-78	1uF
C21	178-1052-78	1uF
C22	178-1052-78	1uF
C23	168-1045-56	0.1uF Z
C25	178-1052-78	1uF
C26	168-1045-56	0.1uF Z
C27	168-4732-78	0.047uF K
C28	166-4701-50	47pF CH
C29	168-4732-78	0.047uF K
C30	166-4711-50	470pF CH
C31	168-1532-55	0.015uF K
C32	166-4711-50	470pF CH
C33	168-1045-56	0.1uF Z
C34	168-6822-55	6800pF K
C35	168-1032-55	0.01uF K
C38	168-3332-78	0.033uF K
C39	168-4722-55	4700pF K
C40	168-1045-56	0.1uF Z
C42	168-1045-56	0.1uF Z
C43	168-1532-55	0.015uF K
C44	168-1045-56	0.1uF Z
C45	168-1522-55	1500pF K
C46	168-1045-56	0.1uF Z
C47	166-6811-50	680pF
C48	166-6801-50	68pF CH
C49	178-1052-78	1uF
C50	042-0671-01	10V 47uF TA
C51	042-0671-01	10V 47uF TA
C52	178-1052-78	1uF
C53	168-1045-56	0.1uF Z
C54	178-1052-78	1uF
C55	178-1052-78	1uF
C56	042-0671-01	10V 47uF TA
C57	168-1045-56	0.1uF Z
C59	168-1045-56	0.1uF Z

REF No.	PART No.	DESCRIPTION
C60	178-1052-78	1uF
C61	166-1201-50	12pF CH
CCT1	050-0145-61	1/16W 0 ohm x4
CCT2	050-0145-54	1/16W 47k ohm x4
CCT3	050-0145-54	1/16W 47k ohm x4
D1	001-0529-14	MA8030-L
D2	001-0367-91	1SS226
D3	001-0529-16	MA8033-L
D4	001-0529-18	MA8036-L
IC1	051-6399-00	TC94A15F
IC2	051-6701-00	BU9423BKS
IC3	051-9320-80	GLT5160L16E-7TC
IC4	051-6060-08	BD7961FM-E2
IC5	051-5445-08	BD5227G-TR
IC7	052-5060-10	M30621MCM-5Z6GP
IC8	051-9402-78	BR93L56RFVM-W
IC9	051-6072-08	BD7931FE2
IC10	051-5833-00	GP1S093HCZ
J1	074-1237-69	SOCKET 19PIN
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
Q6	131-1188-50	2SB1188PQR
Q7	125-2004-92	RN1402
Q8	131-1188-50	2SB1188PQR
Q9	131-1188-50	2SB1188PQR
Q10	125-2004-92	RN1402
Q11	125-0002-92	RN2402
Q12	131-1188-50	2SB1188PQR
R1	119-1041-15	1/10W 100k ohm
R2	119-2211-15	1/10W 220 ohm
R3	119-2211-15	1/10W 220 ohm
R4	119-1041-15	1/10W 100k ohm
R5	119-2211-15	1/10W 220 ohm
R6	119-2211-15	1/10W 220 ohm
R7	119-2211-15	1/10W 220 ohm
R8	119-2211-15	1/10W 220 ohm
R10	119-3941-15	1/10W 390k ohm
R11	119-2241-15	1/10W 220k ohm
R12	119-2231-15	1/10W 22k ohm
R13	119-4711-15	1/10W 470 ohm
R14	119-4721-15	1/10W 4.7k ohm
R15	119-1041-15	1/10W 100k ohm
R16	119-6811-15	1/10W 680 ohm
R17	119-4731-15	1/10W 47k ohm
R18	119-2231-15	1/10W 22k ohm
R19	119-2231-15	1/10W 22k ohm
R20	119-1041-15	1/10W 100k ohm

REF No.	PART No.	DESCRIPTION
R22	119-1041-15	1/10W 100k ohm
R23	119-1041-15	1/10W 100k ohm
R24	050-0145-58	1/16W 2.2k ohm x4
R25	119-2221-15	1/10W 2.2k ohm
R26	119-0000-05	1/10W 0 ohm JW
R27	117-1021-15	1/8W 1k ohm
R28	116-3391-15	1/4W 3.3 ohm
R30	032-0145-73	1/2W 6.8 ohm
R31	119-6811-15	1/10W 680 ohm
R33	119-6811-15	1/10W 680 ohm
R34	119-1041-15	1/10W 100k ohm
R35	117-5611-15	1/8W 560 ohm
R36	119-1041-15	1/10W 100k ohm
R37	119-0000-05	1/10W 0 ohm JW
R38	119-2221-15	1/10W 2.2k ohm
R39	119-1051-15	1/10W 1M ohm
R40	119-0000-05	1/10W 0 ohm JW
R41	119-1041-15	1/10W 100k ohm
R42	119-5621-15	1/10W 5.6k ohm
R43	119-4731-15	1/10W 47k ohm
R44	119-2231-15	1/10W 22k ohm
R45	119-8231-15	1/10W 82k ohm
R46	119-3341-15	1/10W 330k ohm
R48	119-2231-15	1/10W 22k ohm
R49	116-1001-15	1/4W 10 ohm
R50	119-1011-15	1/10W 100 ohm
R51	119-6811-15	1/10W 680 ohm
R52	117-1021-15	1/8W 1k ohm
R53	117-5611-15	1/8W 560 ohm
R54	119-1041-15	1/10W 100k ohm
R55	119-1041-15	1/10W 100k ohm
R56	119-1041-15	1/10W 100k ohm
R57	119-1041-15	1/10W 100k ohm
R58	119-1041-15	1/10W 100k ohm
R59	117-5611-15	1/8W 560 ohm
R60	119-4731-15	1/10W 47k ohm
R61	119-2211-15	1/10W 220 ohm
R62	119-1041-15	1/10W 100k ohm
R63	119-4731-15	1/10W 47k ohm
R64	119-4731-15	1/10W 47k ohm
R65	119-1041-15	1/10W 100k ohm
S1	013-7416-50	SW SPVL110200
S2	013-7416-50	SW SPVL110200
S3	013-7416-50	SW SPVL110200
S4	013-7415-50	SPVG110400
X1	060-1533-90	CSTCE10M0G52-RO
X2	061-3534-90	16.92MHz

Sensor-L-PFC section(BM2)

REF No.	PART No.	DESCRIPTION
PT1	060-0252-01	PT14850F

REF No.	PART No.	DESCRIPTION
PT2	060-0252-01	PT14850F

REF No.	PART No.	DESCRIPTION
PT3	051-5833-00	GP1S093HCZ

Sensor-U-PFC section(BM3)

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

REF No.	PART No.	DESCRIPTION
LED3	001-7077-00	GL4804
S5	013-7417-50	ABC1122P161