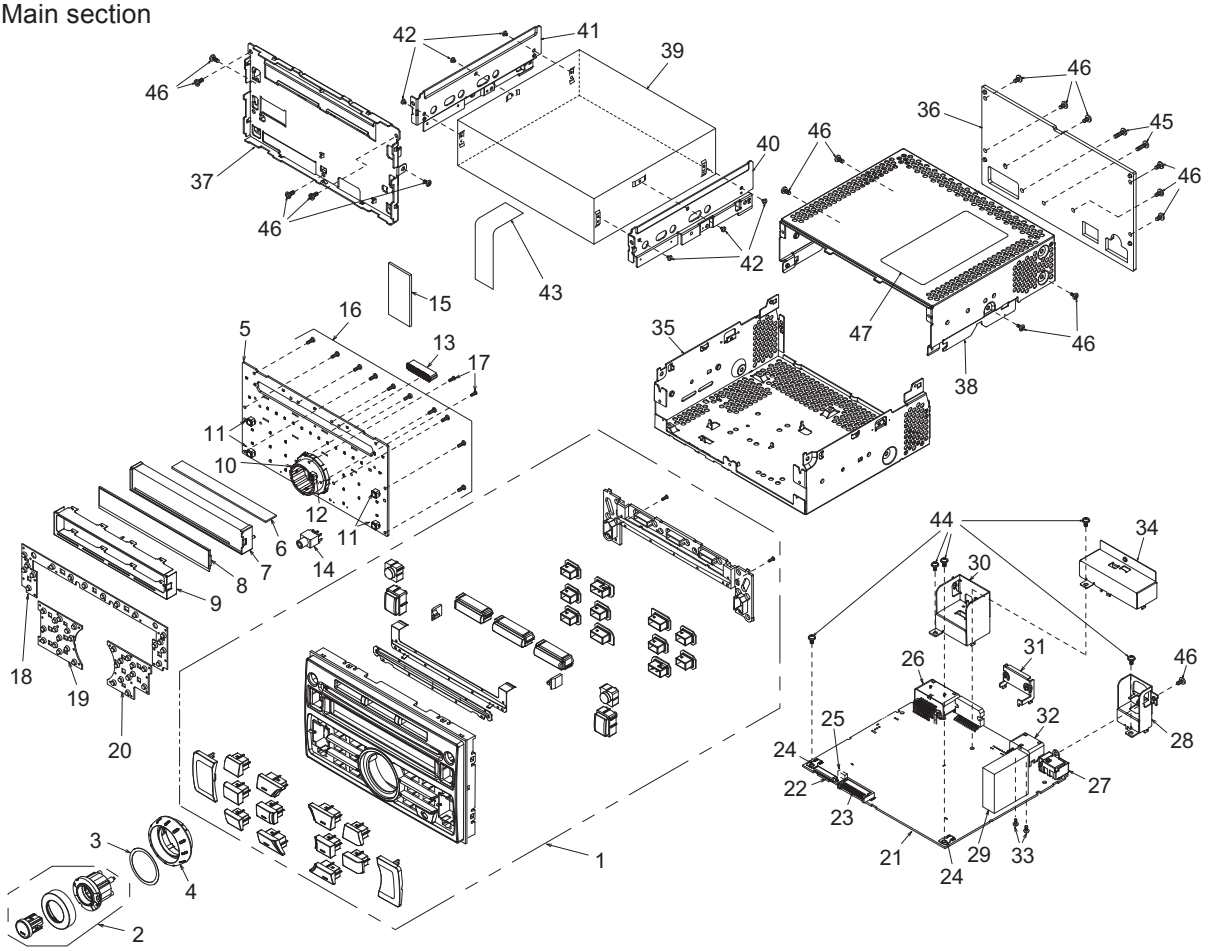
EXPLODED VIEW/PARTS LIST

Main section



NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8224-10	ESCUTCHEON-ASSY	1
2	947-0591-10	KNOB ASSY	1
3	347-7959-00	SHADE	1
4	380-5655-00	KNOB	1
5	----------	SWITCH PWB	1
6	345-6311-00	RUBBER CONNECT	1
7	335-8365-00	LCD-HOLDER	1
8	379-1419-50	INDICATOR	1
9	331-4675-01	LCD COVER	1
10	016-7004-00	ROTARY SWITCH	1
11	013-6202-52	TACT SWITCH	4
12	013-6201-53	SWITCH	1
13	074-3033-26	OUTLET SOCKET	1
14	075-0395-00	JACK	1
15	345-8090-00	CUSHION RUBBER	1
16	716-0778-52	WAVE SCREW (2 x 6)	10
17	716-0872-51	SCREW (M1.7 x 5)	2
18	345-6307-00	RUBBER SW(UP)	1
19	345-6308-00	RUBBER SW(LH)	1
20	345-6309-00	RUBBER SW(RH)	1
21	----------	MAIN PWB	1
22	074-1237-69	OUTLET SOCKET	1
23	076-3011-76	PLUG (26P)	1
24	073-0762-90	TERMINAL	2

NO.	PART NO.	DESCRIPTION	Q'TY
25	076-6000-59	PLUG (9P)	1
26	074-4009-20	OUTLET SOCKET	1
27	092-2210-01	ANT-RECEPT	1
28	331-4676-00	ANT-HOLDER	1
29	880-2091L	TUNER	1
30	331-4679-00	SOCKET HOLDER	1
31	331-4678-00	IC-HOLDER	1
32	074-1302-16	OUTLET SOCKET	1
33	778-3006-00	TAP SCREW	2
34	331-4677-00	SHIELD CASE	1
35	311-1969-00	LOWER CASE	1
36	313-2070-00	HEAT SINK	1
37	309-1885-10	ES PLATE(6CD)	1
38	310-1889-10	UPPER CASE	1
39	929-0390-83	CD-CHANG-MODULE	1
40	331-4092-10	6CD BRKT(R)	1
41	331-4091-10	6CD BRKT(L)	1
42	716-3552-00	SCREW (M2.3 x 2.5)	6
43	816-4024-50	FLAT WIRE	1
44	716-0878-50	SCREW (M2.6 x 5)	5
45	735-2614-1B	D-SEMS SCREW	2
46	714-2606-8B	MACHINE SCREW (M2.6 x 6)	16
47	276-0359-11	SETPLATE	1

ELECTRICAL PARTS LIST

Main PWB(B1) section

REF No.	PART No.	DESCRIPTION
ANT101	092-2210-01	ANT-RECEPT
BL101	880-2091L	TUNER PACK
C101	168-2222-55	2200pF K
C104	119-0000-05	1/10W 0 ohm JW
C112	043-0319-51	200P
C113	166-2201-50	22pF CH
C118	168-1022-55	1000pF K
C121	163-1073-35	16V 100uF
C124	168-2222-55	2200pF K
C127	168-1022-55	1000pF K
C129	168-1022-55	1000pF K
C132	168-1022-55	1000pF K
C135	168-1022-55	1000pF K
C136	163-1073-35	16V 100uF
C152	163-1063-35	16V 10uF
C154	163-1063-35	16V 10uF
C203	168-1042-78	16V 0.1uF
C204	163-3363-25	10V 33uF
C219	168-3332-78	0.033uF K
C220	168-3332-78	0.033uF K
C221	168-4722-55	4700pF K
C222	168-4722-55	4700pF K
C223	178-1052-78	1uF
C224	168-1042-78	16V 0.1uF
C225	168-1042-78	16V 0.1uF
C228	178-3342-78	0.33uF
C229	042-1736-90	16V 470uF M
C238	163-1063-35	16V 10uF
C246	168-2222-55	2200pF K
C301	163-4753-65	50V 4.7uF
C302	168-1042-78	16V 0.1uF
C303	166-1811-50	180pF CH
C304	168-1042-78	16V 0.1uF
C305	168-1042-78	16V 0.1uF
C306	166-8097-50	8pF C CH
C307	166-8097-50	8pF C CH
C308	168-1022-55	1000pF K
C309	163-4753-65	50V 4.7uF
C310	168-1042-78	16V 0.1uF
C311	163-4753-65	50V 4.7uF
C312	168-1042-78	16V 0.1uF
C313	168-1022-55	1000pF K
C314	168-1022-55	1000pF K
C315	166-1011-50	100pF CH
C316	168-1042-78	16V 0.1uF
C317	168-5622-55	5600pF K
C318	168-5622-55	5600pF K
C319	166-1011-50	100pF CH
C320	166-1011-50	100pF CH
C322	168-1022-55	1000pF K
C323	168-1022-55	1000pF K
C324	163-2273-05	4V 220uF
C325	168-2222-55	2200pF K
C326	166-4711-50	470pF CH
C327	163-2263-35	16V 22uF
C328	163-4763-15	6.3V 47uF
C330	166-1011-50	100pF CH
C331	168-1042-78	16V 0.1uF
C332	166-1011-50	100pF CH
C333	168-1022-55	1000pF K
C334	168-1022-55	1000pF K
C335	163-1063-35	16V 10uF
C336	168-1052-78	16V 1uF
C337	168-3332-78	0.033uF K
C338	168-1022-55	1000pF K
C340	168-1022-55	1000pF K
C341	166-1011-50	100pF CH
C342	168-1022-55	1000pF K
C343	168-4712-55	470pF K
C344	168-1042-78	16V 0.1uF
C345	168-1022-55	1000pF K
C347	168-3322-55	3300pF K
C348	168-3322-55	3300pF K
C349	168-3322-55	3300pF K
C350	168-3322-55	3300pF K
C351	168-3322-55	3300pF K
C352	168-3322-55	3300pF K
C354	043-0554-90	25V 10uF
C355	042-1736-90	16V 470uF M
C356	168-4722-55	4700pF K
C357	163-1073-15	6.3V 100uF
C358	168-2222-55	2200pF K
C359	043-0570-90	16V 2.2uF K
C360	043-0570-90	16V 2.2uF K
C361	166-2201-50	22pF CH
C362	168-2222-55	2200pF K
C363	166-2201-50	22pF CH
C364	166-2201-50	22pF CH
C365	168-2222-55	2200pF K
C366	166-2201-50	22pF CH
C367	168-2222-55	2200pF K
C368	166-2201-50	22pF CH
C369	166-2201-50	22pF CH
C370	043-0570-90	16V 2.2uF K
C371	043-0570-90	16V 2.2uF K
C372	043-0570-90	16V 2.2uF K
C373	043-0570-90	16V 2.2uF K
C401	168-1042-78	16V 0.1uF
C402	168-1042-78	16V 0.1uF
C408	166-1801-50	18pF CH
C409	168-1042-78	16V 0.1uF
C410	163-4763-15	6.3V 47uF
C411	168-1042-78	16V 0.1uF
C412	168-1032-55	0.01uF K
C419	168-1022-55	1000pF K
C421	168-1022-55	1000pF K
C422	168-1022-55	1000pF K
C423	168-1022-55	1000pF K
C424	168-1022-55	1000pF K
C425	168-1022-55	1000pF K
C501	168-1042-78	16V 0.1uF
C502	168-1042-78	16V 0.1uF
C503	168-1042-78	16V 0.1uF
C504	168-1042-78	16V 0.1uF
C506	166-5611-50	560pF CH
C507	166-5611-50	560pF CH
C509	166-5611-50	560pF CH
C510	166-5611-50	560pF CH
C511	166-2201-50	22pF CH
C512	166-2201-50	22pF CH
C513	166-2201-50	22pF CH
C514	166-2201-50	22pF CH
C515	168-1052-78	16V 1uF
C516	163-1073-35	16V 100uF
C518	166-5611-50	560pF CH
C519	166-5611-50	560pF CH
C520	178-3342-78	0.33uF
C521	166-5611-50	560pF CH
C522	166-5611-50	560pF CH
C523	168-1042-78	16V 0.1uF
C524	168-2242-58	0.22uF B
C525	043-0552-90	6.3V 47uF M
C526	043-0566-90	50V 2.2uF K
C527	043-0604-90	25V 10uF B
C529	168-4742-78	0.47uF
C530	168-1042-38	50V 0.1uF
C531	163-1073-35	16V 100uF
C532	168-1542-58	0.15uF K
C533	168-1542-58	0.15uF K
C534	168-1542-58	0.15uF K
C535	168-1542-58	0.15uF K
C536	168-1042-78	16V 0.1uF
C537	168-1052-78	16V 1uF
C540	042-1760-90	16V 10uF M
C541	178-2742-78	0.27uF
C542	168-1052-78	16V 1uF
C543	163-4763-35	16V 47uF
C544	163-2273-25	10V 220uF
C545	168-2212-55	220pF K
C546	166-2201-50	22pF CH
C548	163-4763-35	16V 47uF
C549	042-1465-00	16V 3300uF
C550	172-1041-15	0.1uF
C551	163-4763-35	16V 47uF
C552	163-4763-35	16V 47uF
C554	168-6822-55	6800pF K
C555	168-6822-55	6800pF K
C556	168-6822-55	6800pF K
C557	168-6822-55	6800pF K
C558	168-6822-55	6800pF K
C559	168-6822-55	6800pF K
C560	168-6822-55	6800pF K
C561	168-6822-55	6800pF K
C562	168-6822-55	6800pF K
C563	178-1052-78	1uF
C564	168-1042-78	16V 0.1uF
C565	163-1063-35	16V 10uF
C566	168-2232-55	0.022uF K
C567	042-1736-90	16V 470uF M
C568	168-1522-55	1500pF K
C569	166-2201-50	22pF CH
C570	178-2242-38	0.22uF B
C571	168-1542-58	0.15uF K
C572	168-1542-58	0.15uF K
C573	168-1542-58	0.15uF K
C574	168-1542-58	0.15uF K
C576	168-1022-55	1000pF K
CCT402	050-0140-54	1/32W 1k ohm x4J
CCT403	050-0145-52	1/16W 1k ohm x4
CCT404	050-0145-52	1/16W 1k ohm x4
D104	001-0580-90	1SS352
D106	001-0529-48	MA8091-H
D107	001-0580-90	1SS352
D108	001-9210-50	AVR-M1608C270MTAAD
D109	001-9210-50	AVR-M1608C270MTAAD
D110	001-4320-50	EDZC6.8B
D208	001-0580-90	1SS352
D209	001-2412-90	RR264M-400
D210	001-4313-54	HZU9C2L TRF-E
D401	001-2630-90	1SS420-TPL3,F
D501	001-2640-90	D1FJ4
D502	001-0529-48	MA8091-H
D504	001-0529-48	MA8091-H
D506	001-2015-00	RL253
D507	001-0580-90	1SS352
D510	001-0529-48	MA8091-H
D511	001-4320-50	EDZC6.8B
D512	001-0580-90	1SS352
D514	001-4320-50	EDZC6.8B
D515	001-0529-34	MA8062-L
D517	001-0529-47	MA8091-M
D518	001-0580-90	1SS352
D519	001-0580-90	1SS352
D536	001-2412-90	RR264M-400
D538	001-2412-90	RR264M-400
IC201	051-3516-90	S-1132B33-U5T1G
IC301	----------	SAF7730HV/N332 (impossible to exchange) (670650-051)
IC302	051-3020-90	NJM4565V

REF No.	PART No.	DESCRIPTION
IC401	051-9426-90	S-24CS16A01-T8T1G
IC403	052-3222-01	M30876MJB-A29GP
IC405	051-5417-08	S-80927CNMC-G8X
IC502	051-3019-90	NJM2060V
IC503	051-3551-90	NJM2878F3-33-TE1
IC504	051-3396-90	NJM2386ADL3-33-TE1
IC505	----------	LT3481EMSE#TRPBF (impossible to exchange) (351790-051)
IC506	051-2064-00	TB2926HQ
IC507	051-3034-90	NJM4558V
IC508	051-5441-08	BD4828G-TR
J101	074-1302-16	TH16P-SOCKET
J205	074-1237-69	19PIN
J502	074-4009-20	20P
L105	010-2003-04	30uH
L106	010-4011-20	2.5mH +3/-3%
L201	010-3104-54	600 ohm/100MHz
L202	010-3104-54	600 ohm/100MHz
L203	010-3104-54	600 ohm/100MHz
L204	010-3104-54	600 ohm/100MHz
L205	010-3104-54	600 ohm/100MHz
L206	010-3104-54	600 ohm/100MHz
L207	010-3104-54	600 ohm/100MHz
L301	010-3104-54	600 ohm/100MHz
L302	010-3104-54	600 ohm/100MHz
L303	010-3104-54	600 ohm/100MHz
L304	010-3104-54	600 ohm/100MHz
L305	010-3104-54	600 ohm/100MHz
L306	010-3104-54	600 ohm/100MHz
L307	010-3104-54	600 ohm/100MHz
L308	010-3104-54	600 ohm/100MHz
L309	010-3104-54	600 ohm/100MHz
L310	010-3104-54	600 ohm/100MHz
L311	010-3104-54	600 ohm/100MHz
L312	010-3104-54	600 ohm/100MHz
L313	010-3104-54	600 ohm/100MHz
L402	010-3406-54	2.2uH J
L501	010-3104-54	600 ohm/100MHz
L502	010-3414-92	2.2UH
L503	010-8050-00	CHOKE
P402	076-3011-76	26P
P403	076-6000-59	PLUG(9P)
Q105	198-3018-00	2SK3018
Q106	198-3018-00	2SK3018
Q107	192-5886-00	2SC5886
Q108	125-2027-90	DTC143EU
Q109	190-2060-00	2SA2060
Q209	125-9015-92	RN4902
Q210	125-0006-90	UN2110
Q211	125-2027-91	DTC114EUA
Q214	193-1259-50	2SD1259DS R,Q
Q301	125-7007-90	Si5441BDC-TI-E3
Q302	125-2027-91	DTC114EUA
Q407	125-2027-91	DTC114EUA
Q408	198-3018-00	2SK3018
Q409	125-2027-91	DTC114EUA
Q410	198-3018-00	2SK3018
Q411	125-2027-91	DTC114EUA
Q502	125-2027-91	DTC114EUA
Q503	191-1197-50	2SB1197K Q,R
Q504	125-2027-91	DTC114EUA
Q505	191-1197-50	2SB1197K Q,R
Q506	192-5886-00	2SC5886
Q511	192-5810-00	2SC5810 TE12L
Q512	125-2027-91	DTC114EUA
Q513	191-1197-50	2SB1197K Q,R
Q514	192-4116-51	2SC4116 G,L
Q515	191-1204-61	2SB1204 R,S,T
Q516	125-2027-91	DTC114EUA
Q517	191-1197-50	2SB1197K Q,R

REF No.	PART No.	DESCRIPTION
Q518	192-4081-00	2SC4081
Q519	192-4116-00	2SC4116
Q521	192-4116-51	2SC4116 G,L
R109	119-0000-05	1/10W 0 ohm JW
R125	119-0000-05	1/10W 0 ohm JW
R129	166-1511-50	150pF CH
R135	119-1011-15	1/10W 100 ohm
R141	119-1011-15	1/10W 100 ohm
R143	119-1011-15	1/10W 100 ohm
R146	116-6891-15	1/4W 6.8 ohm
R150	119-3321-15	1/10W 3.3k ohm
R154	119-3321-15	1/10W 3.3k ohm
R155	119-3321-15	1/10W 3.3k ohm
R161	119-0000-05	1/10W 0 ohm JW
R162	119-3321-15	1/10W 3.3k ohm
R170	116-1091-15	1/4W 1 ohm
R173	116-1221-15	1/4W 1.2k ohm
R174	116-3911-15	1/4W 390 ohm
R176	119-1031-15	1/10W 10k ohm
R180	119-0000-05	1/10W 0 ohm JW
R212	119-4731-15	1/10W 47k ohm
R213	119-1041-15	1/10W 100k ohm
R214	119-4721-15	1/10W 4.7k ohm
R215	119-4721-15	1/10W 4.7k ohm
R222	119-3011-15	1/10W 300 ohm
R232	032-0140-89	1/10W 47k ohm F
R233	032-0140-89	1/10W 47k ohm F
R239	119-1031-15	1/10W 10k ohm
R240	119-6821-15	1/10W 6.8k ohm
R241	119-4731-15	1/10W 47k ohm
R247	116-3911-15	1/4W 390 ohm
R248	116-3911-15	1/4W 390 ohm
R249	119-1041-15	1/10W 100k ohm
R261	119-1021-15	1/10W 1k ohm
R262	119-1021-15	1/10W 1k ohm
R263	119-1021-15	1/10W 1k ohm
R301	119-1031-15	1/10W 10k ohm
R302	119-1031-15	1/10W 10k ohm
R303	119-2201-15	1/10W 22 ohm
R304	032-0140-80	1/10W 18k ohm F
R305	032-0140-80	1/10W 18k ohm F
R306	032-0140-80	1/10W 18k ohm F
R307	032-0140-80	1/10W 18k ohm F
R308	119-1031-15	1/10W 10k ohm
R309	119-1011-15	1/10W 100 ohm
R310	119-1021-15	1/10W 1k ohm
R311	032-0140-50	1/10W 10k ohm F
R312	119-3921-15	1/10W 3.9k ohm
R313	032-0140-50	1/10W 10k ohm F
R314	119-3921-15	1/10W 3.9k ohm
R315	032-0140-50	1/10W 10k ohm F
R316	119-0000-05	1/10W 0 ohm JW
R317	032-0140-50	1/10W 10k ohm F
R318	119-1041-15	1/10W 100k ohm
R319	119-1041-15	1/10W 100k ohm
R320	119-1001-15	1/10W 10 ohm
R321	119-3921-15	1/10W 3.9k ohm
R322	119-0000-05	1/10W 0 ohm JW
R323	119-1021-15	1/10W 1k ohm
R324	119-3921-15	1/10W 3.9k ohm
R325	119-0000-05	1/10W 0 ohm JW
R327	032-0140-50	1/10W 10k ohm F
R329	032-0140-50	1/10W 10k ohm F
R331	032-0140-50	1/10W 10k ohm F
R332	032-0140-50	1/10W 10k ohm F
R333	032-0140-50	1/10W 10k ohm F
R334	032-0140-50	1/10W 10k ohm F
R335	119-1031-15	1/10W 10k ohm
R336	119-1031-15	1/10W 10k ohm
R337	119-1031-15	1/10W 10k ohm
R338	119-1031-15	1/10W 10k ohm
R339	119-1011-15	1/10W 100 ohm
R340	119-1011-15	1/10W 100 ohm
R341	119-0000-05	1/10W 0 ohm JW

REF No.	PART No.	DESCRIPTION
R342	119-0000-05	1/10W 0 ohm JW
R343	119-0000-05	1/10W 0 ohm JW
R347	119-1031-15	1/10W 10k ohm
R348	119-0000-05	1/10W 0 ohm JW
R349	119-4731-15	1/10W 47k ohm
R350	119-0000-05	1/10W 0 ohm JW
R351	119-1021-15	1/10W 1k ohm
R352	119-1021-15	1/10W 1k ohm
R353	119-1021-15	1/10W 1k ohm
R354	119-1021-15	1/10W 1k ohm
R356	119-1001-15	1/10W 10 ohm
R357	032-0140-15	1/10W 6.8k ohm F
R358	032-0140-15	1/10W 6.8k ohm F
R360	032-0140-15	1/10W 6.8k ohm F
R361	032-0140-15	1/10W 6.8k ohm F
R362	032-0140-50	1/10W 10k ohm F
R363	032-0140-50	1/10W 10k ohm F
R364	032-0140-50	1/10W 10k ohm F
R365	032-0140-50	1/10W 10k ohm F
R366	032-0140-50	1/10W 10k ohm F
R367	032-0140-50	1/10W 10k ohm F
R368	119-0000-05	1/10W 0 ohm JW
R369	119-0000-05	1/10W 0 ohm JW
R370	119-0000-05	1/10W 0 ohm JW
R401	119-1021-15	1/10W 1k ohm
R402	119-1021-15	1/10W 1k ohm
R403	119-1021-15	1/10W 1k ohm
R404	119-0000-05	1/10W 0 ohm JW
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	119-1021-15	1/10W 1k ohm
R411	119-4721-15	1/10W 4.7k ohm
R412	119-4721-15	1/10W 4.7k ohm
R413	119-3311-15	1/10W 330 ohm
R414	119-3311-15	1/10W 330 ohm
R415	119-4731-15	1/10W 47k ohm
R416	119-4731-15	1/10W 47k ohm
R417	119-4731-15	1/10W 47k ohm
R422	119-0000-05	1/10W 0 ohm JW
R423	119-1011-15	1/10W 100 ohm
R424	119-1011-15	1/10W 100 ohm
R432	119-1011-15	1/10W 100 ohm
R433	119-1011-15	1/10W 100 ohm
R434	119-1031-15	1/10W 10k ohm
R435	119-1031-15	1/10W 10k ohm
R437	119-4731-15	1/10W 47k ohm
R439	119-4731-15	1/10W 47k ohm
R440	119-4731-15	1/10W 47k ohm
R442	119-4721-15	1/10W 4.7k ohm
R444	119-1021-15	1/10W 1k ohm
R445	119-4731-15	1/10W 47k ohm
R446	119-4731-15	1/10W 47k ohm
R447	119-1031-15	1/10W 10k ohm
R448	119-4731-15	1/10W 47k ohm
R449	119-4731-15	1/10W 47k ohm
R450	119-0000-05	1/10W 0 ohm JW
R452	119-4731-15	1/10W 47k ohm
R453	119-1031-15	1/10W 10k ohm
R454	119-4731-15	1/10W 47k ohm
R456	119-1021-15	1/10W 1k ohm
R458	119-1021-15	1/10W 1k ohm
R459	119-4731-15	1/10W 47k ohm
R460	119-4731-15	1/10W 47k ohm
R463	119-4731-15	1/10W 47k ohm
R466	119-4731-15	1/10W 47k ohm
R469	119-1011-15	1/10W 100 ohm
R472	119-1011-15	1/10W 100 ohm
R474	119-4731-15	1/10W 47k ohm
R475	119-1011-15	1/10W 100 ohm
R476	119-1011-15	1/10W 100 ohm
R477	119-4721-15	1/10W 4.7k ohm
R478	119-4721-15	1/10W 4.7k ohm
R481	119-2231-15	1/10W 22k ohm

REF No.	PART No.	DESCRIPTION
R482	119-4731-15	1/10W 47k ohm
R484	119-4731-15	1/10W 47k ohm
R485	119-4731-15	1/10W 47k ohm
R486	119-1041-15	1/10W 100k ohm
R487	119-1041-15	1/10W 100k ohm
R492	119-4731-15	1/10W 47k ohm
R493	119-4721-15	1/10W 4.7k ohm
R494	119-4721-15	1/10W 4.7k ohm
R495	119-4731-15	1/10W 47k ohm
R496	119-4721-15	1/10W 4.7k ohm
R497	119-4721-15	1/10W 4.7k ohm
R498	119-1041-15	1/10W 100k ohm
R499	119-1041-15	1/10W 100k ohm
R502	119-1031-15	1/10W 10k ohm
R503	119-1031-15	1/10W 10k ohm
R504	119-1031-15	1/10W 10k ohm
R505	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	119-1031-15	1/10W 10k ohm
R512	119-1031-15	1/10W 10k ohm
R514	119-1051-15	1/10W 1M 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	119-1031-15	1/10W 10k ohm
R519	119-1031-15	1/10W 10k ohm
R520	119-1031-15	1/10W 10k ohm
R521	119-1031-15	1/10W 10k ohm

REF No.	PART No.	DESCRIPTION
R522	119-1031-15	1/10W 10k ohm
R523	119-1031-15	1/10W 10k ohm
R524	119-4731-15	1/10W 47k ohm
R525	119-0000-05	1/10W 0 ohm JW
R526	119-1031-15	1/10W 10k ohm
R527	032-0148-63	1/10W 130k ohm (D)
R528	032-0148-64	1/10W 390k (D)
R529	119-1031-15	1/10W 10k ohm
R530	119-1031-15	1/10W 10k ohm
R532	119-1031-15	1/10W 10k ohm
R533	119-1841-15	1/10W 180k ohm
R534	119-1031-15	1/10W 10k ohm
R535	116-6811-15	1/4W 680 ohm
R536	119-1031-15	1/10W 10k ohm
R537	032-0140-51	1/10W 15k ohm F
R544	119-4731-15	1/10W 47k ohm
R547	119-4721-15	1/10W 4.7k ohm
R548	119-4721-15	1/10W 4.7k ohm
R549	119-3331-15	1/10W 33k ohm
R555	116-3911-15	1/4W 390 ohm
R556	119-1521-15	1/10W 1.5k ohm
R557	116-1221-15	1/4W 1.2k ohm
R558	119-1031-15	1/10W 10k ohm
R559	116-1221-15	1/4W 1.2k ohm
R560	119-1031-15	1/10W 10k ohm
R561	116-1221-15	1/4W 1.2k ohm
R562	116-1221-15	1/4W 1.2k ohm
R563	119-1031-15	1/10W 10k ohm
R564	119-4721-15	1/10W 4.7k ohm
R565	119-1521-15	1/10W 1.5k ohm
R566	119-1031-15	1/10W 10k ohm

REF No.	PART No.	DESCRIPTION
R567	032-0148-50	1/10W 100k ohm
R568	032-0140-16	1/10W 180k ohm F
R570	119-0000-05	1/10W 0 ohm JW
R571	119-0000-05	1/10W 0 ohm JW
R572	032-0208-51	1/4W 15k ohm
R573	119-2221-15	1/10W 2.2k ohm
R575	116-1531-15	1/4W 15k ohm
R578	119-0000-05	1/10W 0 ohm JW
R579	119-1031-15	1/10W 10k ohm
R580	119-5611-15	1/10W 560 ohm
R581	116-4791-15	1/4W 4.7 ohm
R582	116-4791-15	1/4W 4.7 ohm
R588	119-3341-15	1/10W 330k ohm
R591	119-0000-05	1/10W 0 ohm JW
R592	119-1021-15	1/10W 1k ohm
R593	119-1021-15	1/10W 1k ohm
R4001	119-1021-15	1/10W 1k ohm
R4004	119-1021-15	1/10W 1k ohm
R4005	119-1021-15	1/10W 1k ohm
SUP102	060-0122-91	DSP-141N-S00B
TC401	004-1580-10	30pF GRN
TH101	002-0229-00	PTH8L05BAIR8M1B
TM101	073-0762-90	TERMINAL
TM502	073-0762-90	TERMINAL
X301	061-3537-90	41.6MHz
X401	061-3567-90	8.000MHz AT-41CD2
PWB	039-3345-00	PWB(WITHOUT COMPONENT)

Switch PWB(B2) section

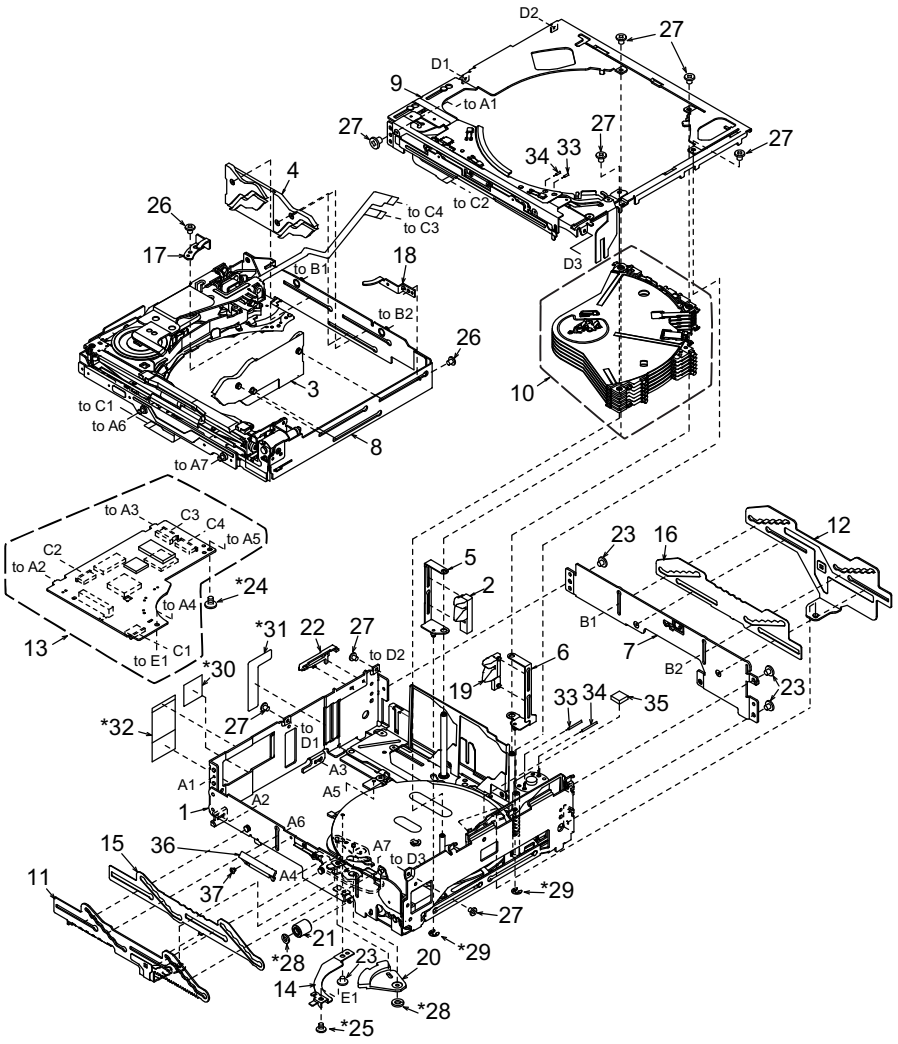
REF No.	PART No.	DESCRIPTION
C601	043-0554-90	25V 10uF
C602	043-0554-90	25V 10uF
C603	168-1042-78	16V 0.1uF
C604	043-0554-90	25V 10uF
C605	168-1042-78	16V 0.1uF
D601	001-9210-50	AVR-M1608C270MTAAD
D602	001-9210-50	AVR-M1608C270MTAAD
D603	001-9210-50	AVR-M1608C270MTAAD
D604	001-4320-50	EDZC6.8B
D605	001-7109-90	SML-311DTT86 ORG
D606	001-7109-90	SML-311DTT86 ORG
D607	001-7109-90	SML-311DTT86 ORG
D610	001-7109-90	SML-311DTT86 ORG
D611	001-7109-90	SML-311DTT86 ORG
D612	001-7109-90	SML-311DTT86 ORG
D613	001-7109-90	SML-311DTT86 ORG
D614	001-7109-90	SML-311DTT86 ORG
D615	001-7109-90	SML-311DTT86 ORG
D616	001-7109-90	SML-311DTT86 ORG
D617	001-7109-90	SML-311DTT86 ORG
D618	001-7109-90	SML-311DTT86 ORG
D619	001-7109-90	SML-311DTT86 ORG
D620	001-7109-90	SML-311DTT86 ORG
D621	001-7109-90	SML-311DTT86 ORG
D622	001-7109-90	SML-311DTT86 ORG
D623	001-7109-90	SML-311DTT86 ORG
D624	001-7109-90	SML-311DTT86 ORG
D625	001-7109-90	SML-311DTT86 ORG
D626	001-7109-90	SML-311DTT86 ORG

REF No.	PART No.	DESCRIPTION
D627	001-7109-90	SML-311DTT86 ORG
D628	001-7109-90	SML-311DTT86 ORG
D629	001-7109-90	SML-311DTT86 ORG
D630	001-7109-90	SML-311DTT86 ORG
D631	001-7109-90	SML-311DTT86 ORG
D632	001-7109-90	SML-311DTT86 ORG
D633	001-7109-90	SML-311DTT86 ORG
D634	001-7109-90	SML-311DTT86 ORG
D635	001-7109-90	SML-311DTT86 ORG
D636	001-7109-90	SML-311DTT86 ORG
D637	001-7109-90	SML-311DTT86 ORG
D638	001-7109-90	SML-311DTT86 ORG
D639	001-7109-90	SML-311DTT86 ORG
D640	001-7109-90	SML-311DTT86 ORG
D641	001-7109-90	SML-311DTT86 ORG
D642	001-7109-90	SML-311DTT86 ORG
D643	001-7109-90	SML-311DTT86 ORG
D644	001-7109-90	SML-311DTT86 ORG
D645	001-7109-90	SML-311DTT86 ORG
D662	001-9210-50	AVR-M1608C270MTAAD
D663	001-9210-50	AVR-M1608C270MTAAD
D664	001-9210-50	AVR-M1608C270MTAAD
D665	001-9210-50	AVR-M1608C270MTAAD
D666	001-9210-50	AVR-M1608C270MTAAD
D667	001-9210-50	AVR-M1608C270MTAAD
D668	001-9210-50	AVR-M1608C270MTAAD

REF No.	PART No.	DESCRIPTION
D669	001-9210-50	AVR-M1608C270MTAAD
IC601	051-6057-00	ML9090A-01GA
J601	074-3033-26	SOCKET(26P)
J602	075-0395-00	JACK
Q601	190-1162-00	2SA1162
Q602	192-2712-51	2SC2712 G,L
R601	032-0140-00	1/10W 56k ohm F
R602	119-4731-15	1/10W 47k ohm
R604	032-0140-53	1/10W 2.2k ohm F
R605	032-0140-53	1/10W 2.2k ohm F
R606	116-1821-15	1/4W 1.8k ohm
R607	119-4731-15	1/10W 47k ohm
R608	116-2221-15	1/4W 2.2k ohm
R609	116-2721-15	1/4W 2.7k ohm
R610	116-6811-15	1/4W 680 ohm
R611	116-2221-15	1/4W 2.2k ohm
R612	116-2221-15	1/4W 2.2k ohm
R613	116-2221-15	1/4W 2.2k ohm
R614	116-2221-15	1/4W 2.2k ohm
R615	116-1021-15	1/4W 1k ohm
R616	116-2221-15	1/4W 2.2k ohm
R617	116-1021-15	1/4W 1k ohm
R618	116-2221-15	1/4W 2.2k ohm
R619	116-1021-15	1/4W 1k ohm
R620	116-2221-15	1/4W 2.2k ohm
R621	116-1021-15	1/4W 1k ohm
R622	116-1821-15	1/4W 1.8k ohm
R623	116-1021-15	1/4W 1k ohm
R624	116-1821-15	1/4W 1.8k ohm
R625	116-1021-15	1/4W 1k ohm
R626	116-1821-15	1/4W 1.8k ohm
R627	116-2221-15	1/4W 2.2k ohm
R628	116-2721-15	1/4W 2.7k ohm
R629	116-2221-15	1/4W 2.2k ohm
R630	116-2221-15	1/4W 2.2k ohm
R631	116-2221-15	1/4W 2.2k ohm
R632	116-2221-15	1/4W 2.2k ohm
R633	116-2221-15	1/4W 2.2k ohm
R634	116-2221-15	1/4W 2.2k ohm
R635	119-0000-05	1/10W 0 ohm JW
R636	119-0000-05	1/10W 0 ohm JW
R639	119-2221-15	1/10W 2.2k ohm
S601	016-7004-00	ROTARY SWITCH
S602	013-6201-53	TACT-SW SKPMAPE010
S603	013-6202-52	SKPMBJE010
S604	013-6202-52	SKPMBJE010
S605	013-6202-52	SKPMBJE010
S606	013-6202-52	SKPMBJE010
TM601	073-0778-90	TERMINAL
PWB	039-3349-01	PWB(WITHOUT COMPONENT)

EXPLODED VIEW/PARTS LIST

Main section

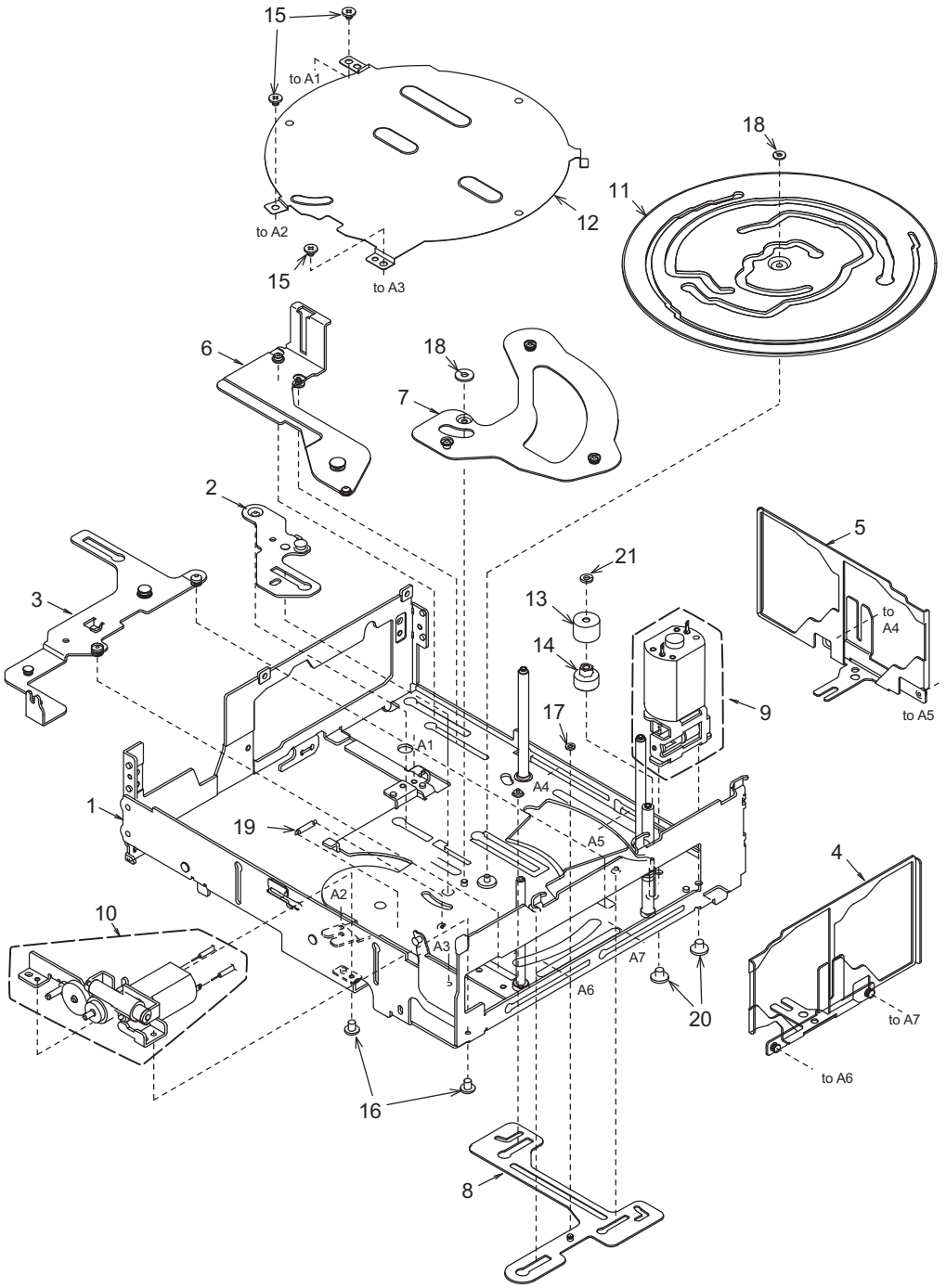


* Do not reuse the following parts.
(No.24,25,28,29,30,31,32,37)

NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-610-100	LOWER UNIT ASSY	1
2	966-0667-21	DISC STP-ASSY L	1
3	HBS-584-100	DH-SEL-ASSY S	1
4	HBS-583-100	DH-SEL-ASSY R	1
5	966-0670-22	DS-SP-ASSY L	1
6	966-0671-23	DS-SP-ASSY R	1
7	966-0672-21	REAR-P-ASSY	1
8	966-1871-21	N-DRIVE-CH UNIT	1
9	966-1764-23	UPPRR UNIT ASSY	1
10	HBS-566-300	DISCHOLDER UNIT	1
11	966-1771-21	SLIDE-P-ASSY F	1
12	966-0709-21	SLIDE-P-ASSY R	1
13	HBS-605-200	CD-PWB-ASSY	1
14	620-1640-20	SW-H-PLATE	1
15	620-1778-21	GAP PLATE F	1
16	620-1662-21	GAP PLATE R	1
17	620-1685-21	DS-PLATE L	1
18	620-1686-20	DS-PLATE R	1
19	621-1634-23	DISC STOPPER R	1

NO.	PART NO.	DESCRIPTION	Q'TY
20	621-1636-24	SW LINK	1
21	621-1765-20	UD-GEAR-D	1
22	621-1715-20	FPC-STOPPER	1
23	716-1850-01	SCREW (M2.0x2.0)	4
24	716-3629-00	SCREW (M2.0x2.5)	1
25	716-1851-02	SCREW (M2.0x3.0 Sealock)	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	744-0045-01	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
36	621-1763-20	LOADING GUIDE B	1
37	716-1859-01	SCREW (M1.7x2.0 Sealock)	1

Lower unit assy section



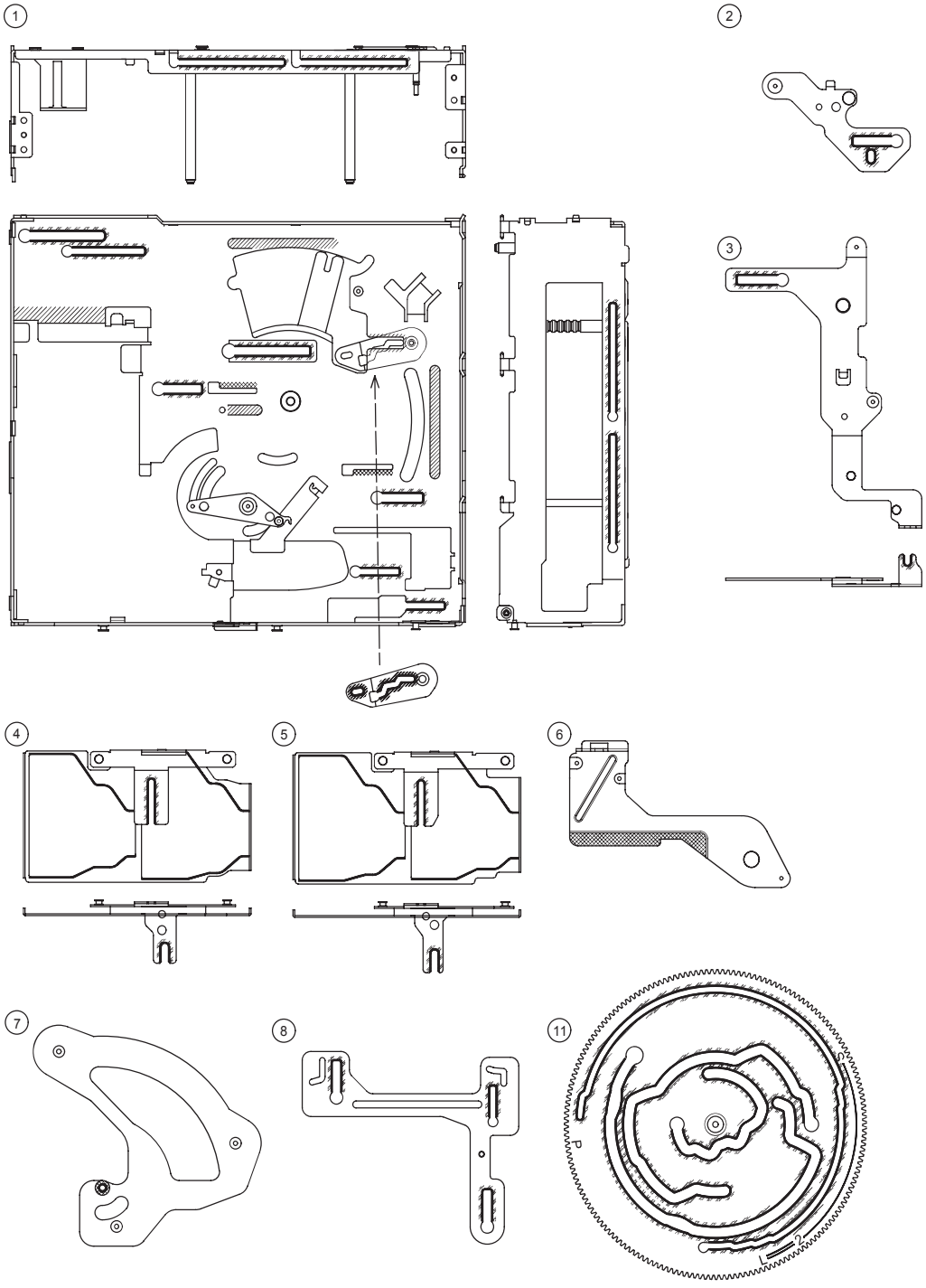
NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1869-00	LOWER-C-ASSY	1
2	966-0658-22	DH-SP-ASSY A	1
3	966-1758-20	DS-SP-ASSY A	1
4	966-1808-20	DH-SP-ASSY S	1
5	966-1809-20	DH-SP-ASSY R	1
6	966-0677-24	D-SHT PL-B-ASSY	1
7	966-0659-22	DH-SP-ASSY B	1
8	966-0666-22	DS-SP-ASSY B	1
9	HBS-546-100	M-MTR SUB ASSY	1
10	HBS-568-200	UD-MOTOR-ASSY	1
11	620-1623-24	CAM GEAR	1

NO.	PART NO.	DESCRIPTION	Q'TY
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)	3
16	716-3451-01	SCREW(M1.7x2.5)	2
17	746-0761-00	WASHER	1
18	746-0768-00	WASHER	2
19	750-6756-21	SW-L-SPRING	1
20	716-1851-03	SCREW(M2.0x3.0)	2
21	746-0941-00	WASHER	1

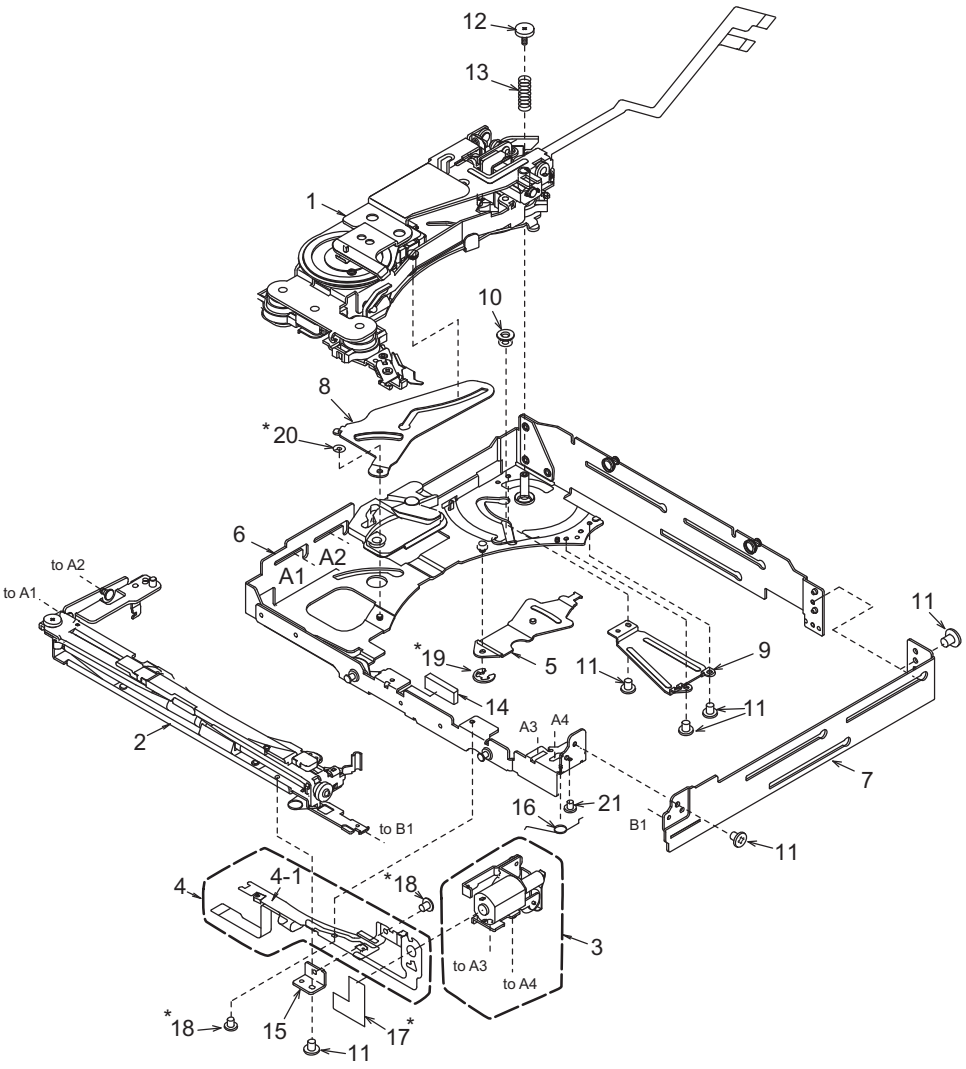
[Grease Point]

* 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	



N-Drive-CH unit section



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

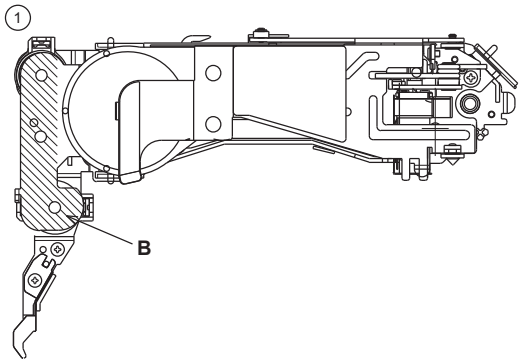
NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-604-100	N-DRIVE UNIT	1
2	HBS-567-200	LOADING-U-ASSY	1
3	HBS-556-100	LO-MOTOR-S-ASSY	1
4	HBS-552-200	L-SENSOR-S-ASSY	1
4-1	----------	SENSOR-L-FPC	1
5	966-0676-21	D-SHT LK-A-ASSY	1
6	966-1755-23	DRIVE-CH A ASSY	1
7	620-1681-21	DRIVE CHASSIS B	1
8	620-1672-21	DR-SUPPORT-PL	1
9	620-1680-20	D-SHIFT COVER	1
10	622-1743-21	D-SHIFT ROLLER B	1

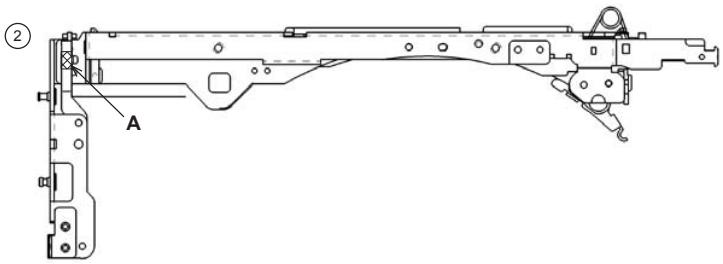
NO.	PART NO.	DESCRIPTION	Q'TY
11	716-3450-00	SCREW(M1.7x2.0)	6
12	716-3459-01	SCREW(M1.7x2.0)	1
13	750-6761-20	DRIVE SPRING A	1
14	345-5868-01	RUBBER PART	1
15	620-1651-21	S-PWB-PLATE	1
16	750-6754-20	LO-ES-SPRING B	1
17	345-5424-01	SEN-FPC GUIDE	1
18	716-1859-01	SCREW(M1.7x2.0 Sealock)	2
19	744-0039-00	E-RING	1
20	746-0870-00	WASHER	1
21	716-3538-00	SCREW(M1.7x2.0)	1

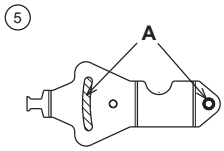
[Grease Point]

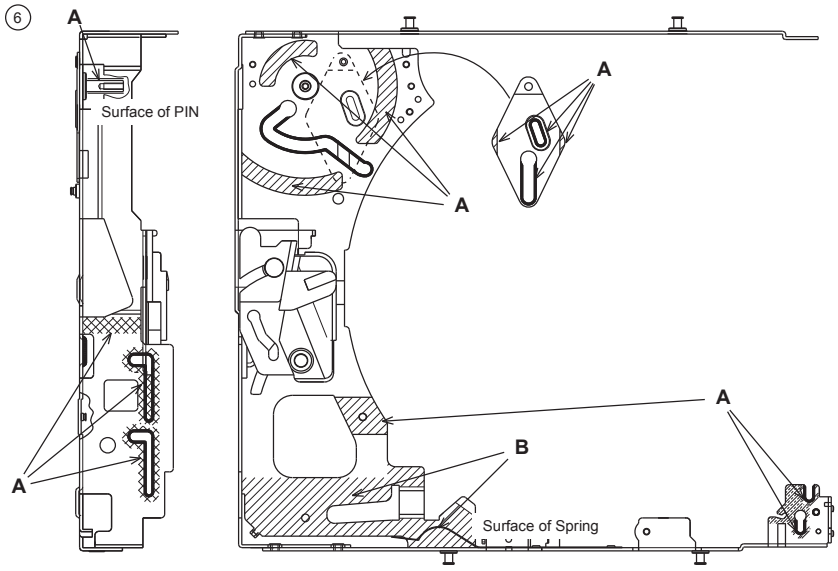
* Grease A : SANKOL FG-87HSR
* Grease B : SANKOL CFD-006MBL

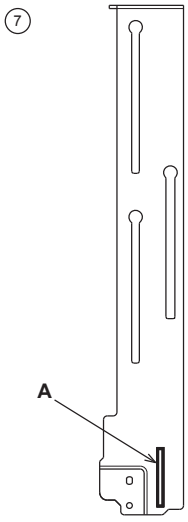
	Put grease on the surface
	Put grease on the reverse side
	Put grease on the both sides
	Put grease on the edge

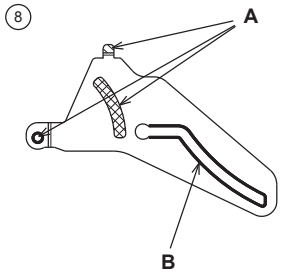


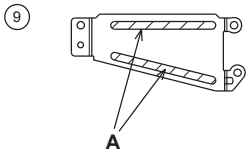


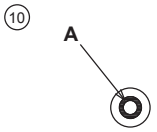




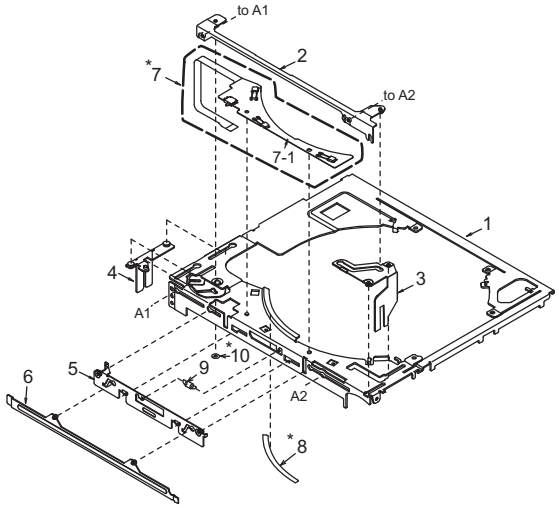








Upper unit assy section



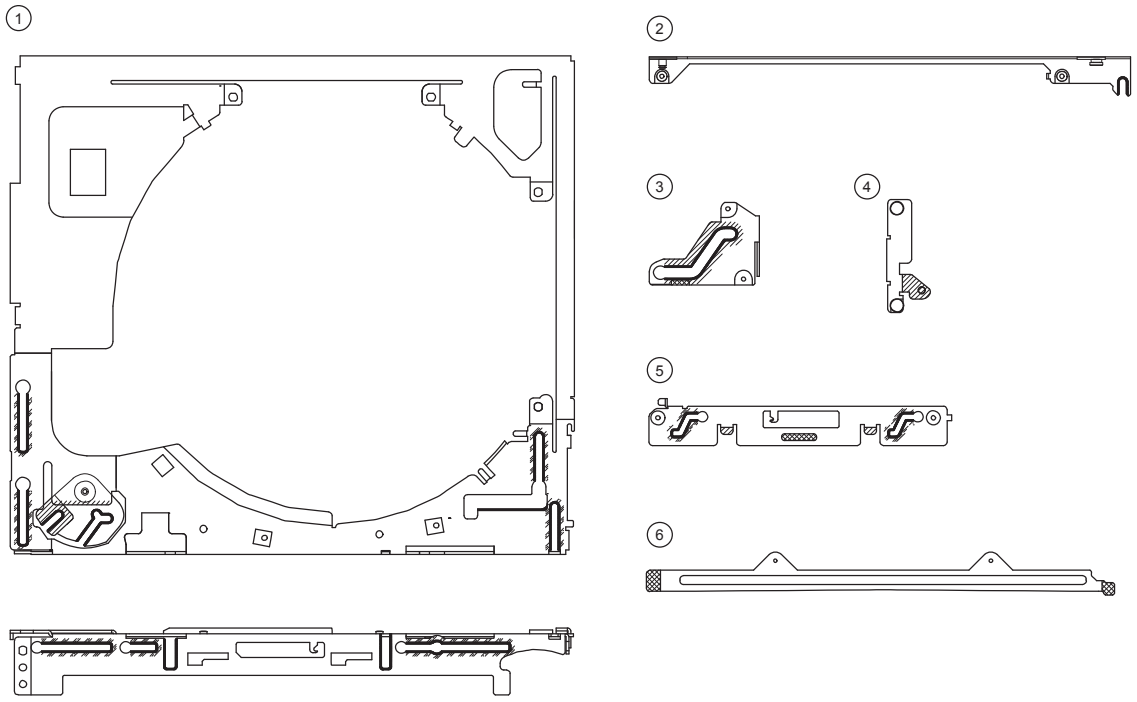
* Do not reuse the following parts.
(No.7,8,10)

NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1761-22	UPPER-CHA-ASSY	1
2	966-1765-20	LO-SHIFT A ASSY	1
3	966-0700-22	LO-SHIFT B ASSY	1
4	966-0701-21	LO-SHIFT ASSY	1
5	966-1766-20	SHUTTER-PL-ASSY	1
6	966-1763-20	SHUTTER ASSY	1
7	HBS-553-200	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

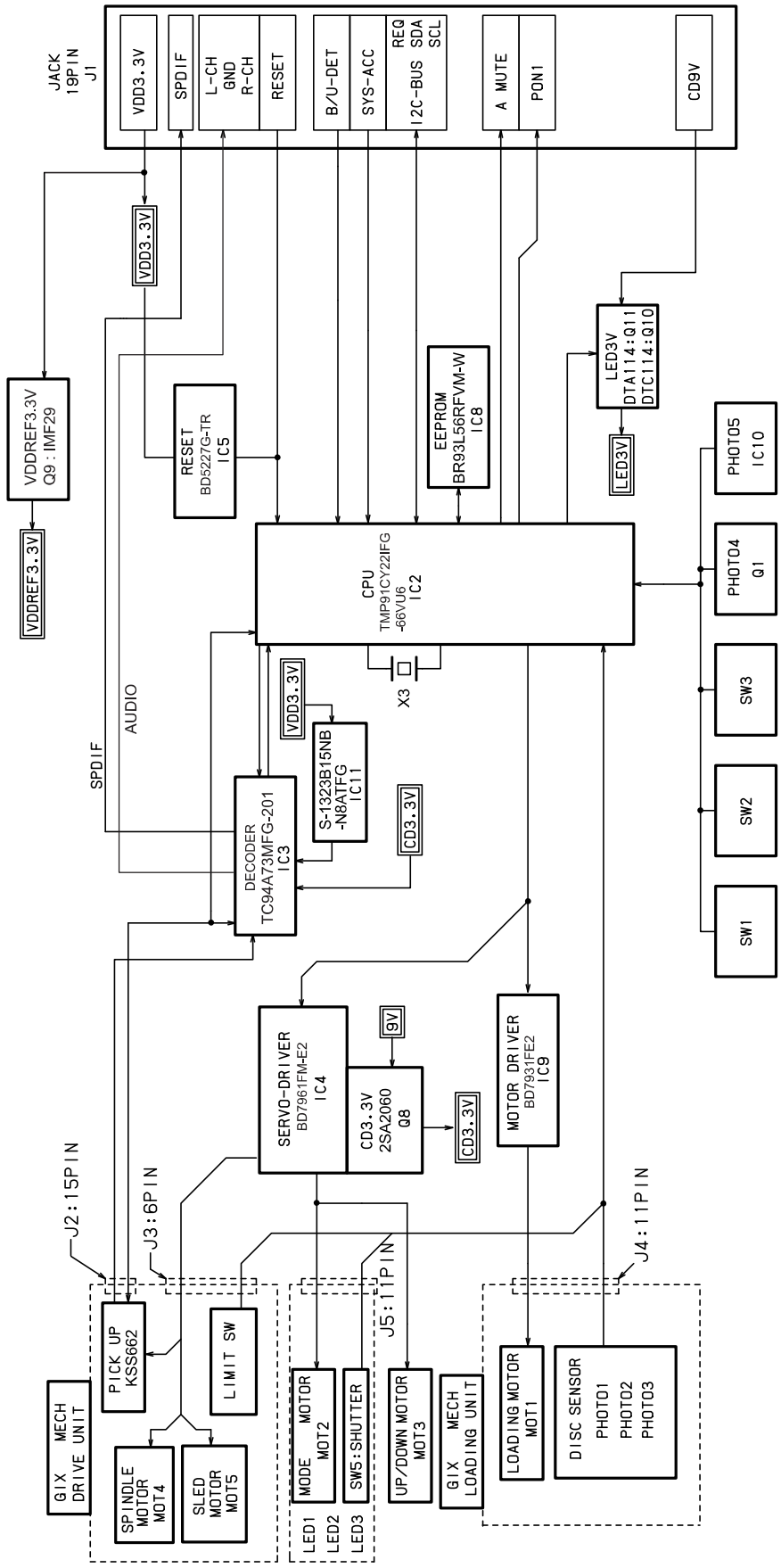
[Grease Point]

* 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	



BLOCK DIAGRAM



ELECTRICAL PARTS LIST

CD PWB(BM1) section

REF No.	PART No.	DESCRIPTION
C1	168-1052-78	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	1uF
C9	168-1052-78	1uF
C11	168-1052-78	1uF
C12	042-0671-01	10V 47uF TA
C13	168-1052-78	1uF
C14	168-1042-78	16V 0.1uF
C15	168-1052-78	1uF
C16	043-0559-90	6.3V 22uF
C17	168-1032-55	0.01uF K
C18	168-1052-78	1uF
C19	043-0559-90	6.3V 22uF
C20	168-1042-78	16V 0.1uF
C21	168-1032-55	0.01uF K
C23	043-0559-90	6.3V 22uF
C24	043-0559-90	6.3V 22uF
C25	168-4732-78	0.047uF K
C26	166-4711-50	470pF CH
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
C65	168-1032-55	0.01uF K
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
C79	166-1501-50	15pF CH
C80	166-1501-50	15pF CH
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
D5	001-2612-90	RB520S-30
D6	001-2612-90	RB520S-30
D7	001-9210-50	AVR-M1608C270MTAAD
D8	001-9210-50	AVR-M1608C270MTAAD
IC2	052-5071-31	TMP91CY22IFG-6VU6
IC3	051-6733-00	TC94A73MFG-201
IC4	051-6060-08	BD7961FM-E2
IC5	051-5445-08	BD5227G-TR
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	19PIN
J2	074-1201-65	15P
J3	074-1138-56	6P
J4	074-1100-61	SOCKET 11P
J5	074-1201-61	11P SOCKET
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	119-0000-05	1/10W 0 ohm JW
R50	119-2211-15	1/10W 220 ohm
R51	119-0000-05	1/10W 0 ohm JW
R52	119-1041-15	1/10W 100k ohm
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	119-0000-05	1/10W 0 ohm JW
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	117-7511-15	1/8W 750 ohm
R68	117-7511-15	1/8W 750 ohm
R69	119-1041-15	1/10W 100k ohm
R81	116-1591-15	1/4W 1.5 ohm
R201	119-0000-05	1/10W 0 ohm JW
R212	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	061-3534-90	16.92MHz
X3	060-1545-90	20MHz
PWB	039-3083-21	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	039-2467-21	PWB(WITHOUT COMPONENTS)

Sensor-U-PFC(BM3) section

REF No.	PART No.	DESCRIPTION
LED1	001-7077-00	GL4804
LED2	001-7077-00	GL4804
LED3	001-7077-00	GL4804
S5	013-7417-50	ABC1122P161
PWB	039-2466-20	PWB(WITHOUT COMPONENTS)