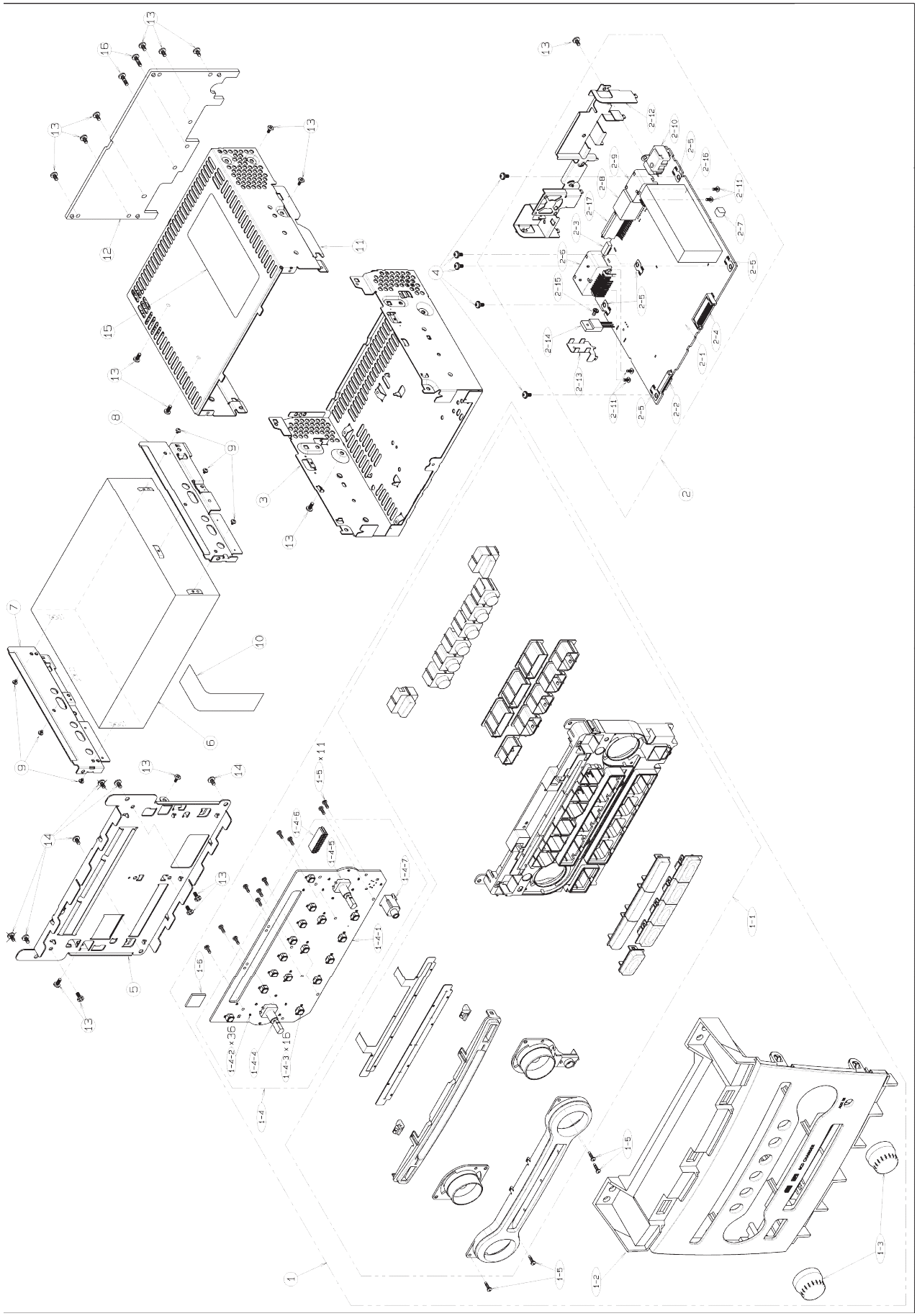
EXPLODED VIEW / PARTS LIST



NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	PANEL-ASSY(3450A/B0-45)	1
1-1	947-0804-15	BACK PLATE-ASSY	1
1-2	370-6538-16 370-6538-15	ESCUTCHEON(for PN3450DA) ESCUTCHEON(for PN3450DB)	1 1
1-3	380-5705-01	KNOB	2
1-4	----------	SW-PWB-ASSY(3005BH-77)	1
1-4-1	----------	SW PWB(315601-039)	1
1-4-2	001-7109-90	DIODE	36
1-4-3	013-6202-52	TACT SWITCH	16
1-4-4	016-0018-23	VR W/SHAFT	1
1-4-5	016-0024-07	VR W/SHAFT	1
1-4-6	074-3013-74	OUTLET SOCKET	1
1-4-7	075-0390-00	JACK	1
1-5	716-0778-52	SPECIAL SCREW	15
1-6	345-6126-00	CUSHION RUBBER	1
2	----------	MAIN-PWB-ASSY(3450C/D7-75)	1
2-1	----------	MAIN PWB(315501-039)	1
2-2	074-1237-69	OUTLET SOCKET	1
2-3	-	(PLUG) *NU	-
2-4	076-3011-74	PLUG	1
2-5	073-0762-90	TERMINAL	5
2-6	074-4009-20	OUTLET SOCKET	1
2-7	345-5805-51	GASKET	1
2-8	074-1013-00	OUTLET SOCKET	1

NO.	PART NO.	DESCRIPTION	Q'TY
2-9	074-1302-12	OUTLET SOCKET	1
2-10	092-2210-00	ANT-RECEPT	1
2-11	778-3006-00	TAP-SCREW	4
2-12	307-0731-00	REAR PLATE	1
2-13	331-4454-00	TR-HOLDER	1
2-14	051-3340-00	IC	1
2-15	716-1494-50	IT SCREW	1
2-16	880-2026L	TUNER(2026LI-80)	1
2-17	051-2067-00	IC	1
3	311-1914-00	LOWER CASE	1
4	716-0878-50	SPECIAL SCREW	5
5	309-0850-02	ES-PLATE	1
6	929-0410-80	CD-CHANG-MODULE	1
7	331-4091-10	6CD BRKT(L)	1
8	331-4092-10	6CD BRKT(R)	1
9	716-3552-00	SPECIAL SCREW	6
10	816-4024-50	FLAT WIRE	1
11	310-1823-10	UPPER CASE	1
12	313-1968-00	HEAT SINK	1
13	714-2606-8B	MACHINE SCREW	17
14	716-1553-50	SPECIAL SCREW	4
15	276-0066-34 276-0066-36	SETPLATE(for PN3450DA) SETPLATE(for PN3450DB)	1 1
16	735-2614-1B	D-SEMS SCREW	2

ELECTRICAL PARTS LIST

MAIN PWB(B1) section

REF No.	PART No.	DESCRIPTION
ANT101	092-2210-00	ANTENNA RECEPT
BL101	880-2026L	TUNER
C101	168-2222-55	2200pF K
C102	----------	(NU)
C103	166-1511-50	150pF CH
C104	----------	(NU)
C105	163-1063-35	16V 10uF
C106	166-2201-50	22pF CH
C107	043-0319-51	200pF J CH
C108	168-2222-55	2200pF K
C109	168-1022-55	1000pF K
C110	168-1022-55	1000pF K
C111	168-1022-55	1000pF K
C112	168-1022-55	1000pF K
C113	163-1073-35	16V 100uF
C114	168-2222-55	2200pF K
C115	168-1022-55	1000pF K
C116	168-1022-55	1000pF K
C117	168-1022-55	1000pF K
C118	163-1073-35	16V 100uF
C119	163-4763-35	16V 47uF
C120	168-1042-78	16V 0.1uF K
C121	168-1042-78	16V 0.1uF K
C123	163-1073-35	16V 100uF
C124	163-1063-35	16V 10uF
C201	----------	(NU)
C202	178-1052-78	25V 1uF
C203	178-3342-78	0.33uF
C204	----------	(NU)
C205	163-2273-25	10V 220uF
C206	168-1042-78	16V 0.1uF K
C207	042-0579-51	16V 10uF
C208	042-0579-51	16V 10uF
C209	168-1042-78	16V 0.1uF K
C210	163-3373-15	6.3V 330uF
C301	166-1811-50	180pF CH
C302	168-1042-78	16V 0.1uF K
C303	163-4753-65	50V 4.7uF
C304	----------	(NU)
C305	----------	(NU)
C306	168-1042-78	16V 0.1uF K
C307	168-1042-78	16V 0.1uF K
C308	166-8097-50	8pF +/-0.5pF CH
C309	166-8097-50	8pF +/-0.5pF CH
C310	168-1022-55	1000pF K
C311	168-1022-55	1000pF K
C312	168-1022-55	1000pF K
C313	168-1022-55	1000pF K
C314	----------	(NU)
C315	----------	(NU)
C316	168-1022-55	1000pF K
C317	168-1022-55	1000pF K
C318	168-1042-78	16V 0.1uF K
C319	163-4753-65	50V 4.7uF
C320	168-1042-78	16V 0.1uF K
C321	163-4753-65	50V 4.7uF
C322	----------	(NU)
C323	----------	(NU)
C324	168-1022-55	1000pF K
C325	168-2222-55	2200pF K
C326	163-2273-25	10V 220uF
C327	168-4732-78	0.047uF K
C328	163-2263-35	16V 22uF
C329	168-1042-78	16V 0.1uF K
C330	163-3373-15	6.3V 330uF
C331	168-1042-78	16V 0.1uF K
C332	168-1022-55	1000pF K
C333	168-1042-78	16V 0.1uF K
C334	163-1063-35	16V 10uF
C335	168-1022-55	1000pF K
C336	178-1052-78	25V 1uF

REF No.	PART No.	DESCRIPTION
C337	168-3332-78	0.033uF K
C338	168-1022-55	1000pF K
C340	168-1022-55	1000pF K
C341	----------	(NU)
C342	----------	(NU)
C343	168-4712-55	470pF K
C344	168-1022-55	1000pF K
C345	163-2263-35	16V 22uF
C346	163-1073-15	6.3V 100uF
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	168-1042-78	16V 0.1uF K
C353	042-0643-58	6.3V 330uF
C355	168-2222-55	2200pF K
C356	168-2222-55	2200pF K
C357	168-2222-55	2200pF K
C358	168-2222-55	2200pF K
C359	163-1073-15	6.3V 100uF
C401	168-1042-78	16V 0.1uF K
C402	168-1042-78	16V 0.1uF K
C403	166-2201-50	22pF CH
C404	166-2201-50	22pF CH
C405	168-4722-55	4700pF K
C406	166-1201-50	12pF CH
C407	166-1201-50	12pF CH
C408	168-1042-78	16V 0.1uF K
C409	163-4763-15	6.3V 47uF
C410	168-1042-78	16V 0.1uF K
C411	168-1042-78	16V 0.1uF K
C412	168-1032-55	0.01uF K
C413	166-1011-50	100pF CH
C414	166-1011-50	100pF CH
C415	163-4763-35	16V 47uF
C416	043-0548-50	10V 2.2uF
C417	043-0548-50	10V 2.2uF
C418	166-2201-50	22pF CH
C419	166-2201-50	22pF CH
C420	166-2201-50	22pF CH
C421	166-2201-50	22pF CH
C422	166-2201-50	22pF CH
C423	166-2201-50	22pF CH
C424	166-1801-50	18pF CH
C425	043-0548-50	10V 2.2uF
C426	043-0548-50	10V 2.2uF
C427	043-0548-50	10V 2.2uF
C428	043-0548-50	10V 2.2uF
C429	168-1032-55	0.01uF K
C501	168-1042-78	16V 0.1uF K
C502	168-1042-78	16V 0.1uF K
C503	168-1042-78	16V 0.1uF K
C504	168-1042-78	16V 0.1uF K
C505	166-5611-50	560pF CH
C506	166-5611-50	560pF CH
C507	166-5611-50	560pF CH
C508	178-3342-78	0.33uF
C509	166-5611-50	560pF CH
C510	163-1073-15	6.3V 100uF
C511	166-2201-50	22pF CH
C512	166-2201-50	22pF CH
C513	168-1042-78	16V 0.1uF K
C514	168-1022-55	1000pF K
C515	166-2201-50	22pF CH
C516	166-2201-50	22pF CH
C517	166-5611-50	560pF CH
C518	166-5611-50	560pF CH
C519	166-5611-50	560pF CH
C520	166-5611-50	560pF CH
C521	163-4763-35	16V 47uF
C522	163-1073-35	16V 100uF

REF No.	PART No.	DESCRIPTION
C523	166-2201-50	22pF CH
C524	168-2212-55	220pF K
C525	163-1073-35	16V 100uF
C526	042-0592-61	16V 47uF
C527	042-0592-61	16V 47uF
C528	163-4763-35	16V 47uF
C529	168-1542-58	0.15uF K
C530	168-1542-58	0.15uF K
C531	168-1542-58	0.15uF K
C532	168-1542-58	0.15uF K
C533	168-1052-78	16V 1uF K
C534	168-1542-58	0.15uF K
C535	168-1542-58	0.15uF K
C536	168-1542-58	0.15uF K
C537	168-1542-58	0.15uF K
C538	042-1760-90	16V 10uF M
C539	----------	(NU)
C540	----------	(NU)
C541	----------	(NU)
C542	----------	(NU)
C543	178-2742-78	0.27uF
C544	168-1052-78	16V 1uF K
C545	043-0566-90	50V 2.2uF K
C546	043-0604-90	25V 10uF B
C547	189-3383-31	16V 3300uF
C548	----------	(NU)
C549	043-0499-51	50V 0.1uF J
C550	178-4742-78	0.47uF
C551	168-1042-38	50V 0.1uF K
C552	----------	(NU)
C553	168-6822-55	6800pF K
C554	168-6822-55	6800pF K
C555	----------	(NU)
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	168-1522-55	1500pF K
C561	168-6822-55	6800pF K
C562	168-6822-55	6800pF K
C563	168-6822-55	6800pF K
C564	166-2201-50	22pF CH
C565	178-1052-78	25V 1uF
C566	168-1042-78	16V 0.1uF K
C567	163-1063-35	16V 10uF
C568	168-2232-55	0.022uF K
C569	163-3373-15	6.3V 330uF
C570	168-1022-55	1000pF K
C571	----------	(NU)
C601	163-1063-35	16V 10uF
C602	163-1063-35	16V 10uF
C603	163-1063-35	16V 10uF
C604	163-1063-35	16V 10uF
C605	168-3332-78	0.033uF K
C606	168-3332-78	0.033uF K
C607	168-2232-55	0.022uF K
C608	168-1042-78	16V 0.1uF K
C609	168-4722-55	4700pF K
C610	168-4722-55	4700pF K
C611	168-1022-55	1000pF K
C612	168-1022-55	1000pF K
C613	168-1022-55	1000pF K
C617	168-1022-55	1000pF K
C618	168-1022-55	1000pF K
C9001	----------	(NU)
C9001	----------	(NU)
C9002	----------	(NU)
C9003	----------	(NU)
C9004	----------	(NU)
CCT401	050-0145-52	1/16W 1k ohm x4
CCT402	050-0145-52	1/16W 1k ohm x4

REF No.	PART No.	DESCRIPTION
CCT403	050-0145-52	1/16W 1k ohm x4
D101	001-0580-90	1SS352
D102	001-0580-90	1SS352
D103	001-0529-47	MA8091-M
D201	001-2412-90	RR264M-400
D501	----------	(NU)
D502	001-0529-48	MA8091-H
D503	001-0580-90	1SS352
D504	001-0580-90	1SS352
D505	001-0580-90	1SS352
D506	001-2640-90	D1FJ4
D507	----------	(NU)
D508	001-2015-00	RL253
D509	----------	(NU)
D510	001-0529-48	MA8091-H
D511	001-4301-68	HZU18B1
D512	001-0580-90	1SS352
D513	001-4301-68	HZU18B1
D514	----------	(NU)
D515	001-0529-34	MA8062-L
D516	----------	(NU)
D517	001-0580-90	1SS352
D601	001-0580-90	1SS352
D602	001-0529-44	MA8082-M
D605	001-4305-39	UDZSTE-17 36B
D606	001-0580-90	1SS352
D607	001-0580-90	1SS352
D609	001-4305-39	UDZSTE-17 36B
D610	001-4305-39	UDZSTE-17 36B
IC101	051-3341-90	BD3931FP
IC201	051-3516-90	S-1132B33-U5T1G
IC202	051-3340-00	LD1085P
IC301	----------	SAF7730HV/N317F (DSP) (TYP:Exposed die pad) (670630-051)
IC401	----------	BR24L16FVM-WTR (EEPROM) (942490-051)
IC402	052-3205-11	M30873MHA-C13GP
IC403	051-6607-08	PCA82C250T-T
IC404	051-5417-38	R3112N271A-TR-FA
IC405	051-3034-90	NJM4558V
IC406	051-6212-08	LC72191JM-TLM
IC501	051-3396-90	NJM2386ADL3-33-TE1
IC502	051-3019-90	NJM2060V
IC503	051-3034-90	NJM4558V
IC504	051-2067-00	TB2946HQ
IC505	----------	LT3481EMSE#TRPBF (SW-REG) (TYP:PAD) (351790-051)
IC506	051-5441-08	BD4828G-TR
J201	074-1237-69	19P
J501	074-4009-20	20P
J502	----------	(NU)
J601	074-1013-00	12P
J602	074-1302-12	12P
L101	010-2003-04	30uH
L102	010-4011-20	2.5mH +3/-3%
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

REF No.	PART No.	DESCRIPTION
L313	010-3104-54	600 ohm/100MHz
L402	010-3406-66	22uH J
L403	010-3406-54	2.2uH J
L404	010-3601-50	600 ohm/100MHz
L501	010-3104-54	600 ohm/100MHz
L502	010-3104-54	600 ohm/100MHz
L503	010-3414-90	6.8uH
L505	010-8048-00	240uH
P401	----------	(NU)
P402	076-3011-74	24P
Q101	190-2060-00	2SA2060
Q102	125-2026-95	UNR521NG
Q103	----------	(NU)
Q104	----------	(NU)
Q105	192-5886-00	2SC5886
Q201	192-4081-00	2SC4081
Q202	125-0021-91	DTA114EUA
Q203	125-2027-91	DTC114EUA
Q204	198-3018-00	2SK3018
Q205	198-3018-00	2SK3018
Q206	125-9017-92	UMD3N-TR
Q301	125-7007-90	Si5441BDC-TI-E3
Q302	125-2027-91	DTC114EUA
Q303	----------	(NU)
Q304	----------	(NU)
Q305	125-2027-91	DTC114EUA
Q306	----------	(NU)
Q307	----------	(NU)
Q308	125-2027-91	DTC114EUA
Q309	----------	(NU)
Q310	----------	(NU)
Q311	----------	(NU)
Q501	190-1586-00	2SA1586 O,Y,G
Q502	125-2027-91	DTC114EUA
Q503	193-1664-00	2SD1664
Q504	192-4116-51	2SC4116 G,L
Q505	191-1204-61	2SB1204 R,S,T
Q506	----------	(NU)
Q507	125-2027-91	DTC114EUA
Q508	191-1197-50	2SB1197K Q,R
Q509	125-2027-91	DTC114EUA
Q510	----------	(NU)
Q511	----------	(NU)
Q512	192-4081-00	2SC4081
Q513	192-4081-00	2SC4081
Q514	----------	(NU)
Q515	125-2027-91	DTC114EUA
Q516	192-4081-00	2SC4081
Q601	125-0006-90	UNR2110
Q602	125-2027-91	DTC114EUA
Q603	192-4081-00	2SC4081
Q604	192-4081-00	2SC4081
Q605	192-4081-00	2SC4081
Q607	125-0021-91	DTA114EUA
Q610	125-2027-91	DTC114EUA
Q611	192-4081-00	2SC4081
Q612	192-4081-00	2SC4081
Q613	125-0021-91	DTA114EUA
Q614	125-0021-91	DTA114EUA
R102	116-1091-15	1/4W 1 ohm
R104	116-1221-15	1/4W 1.2k ohm
R105	119-1031-15	1/10W 10k ohm
R106	119-0000-05	1/10W 0 ohm JW
R107	119-0000-05	1/10W 0 ohm JW
R108	----------	(NU)
R109	----------	(NU)
R110	119-1011-15	1/10W 100 ohm
R111	119-1011-15	1/10W 100 ohm
R112	119-1011-15	1/10W 100 ohm
R113	----------	(NU)
R114	----------	(NU)
R115	119-1011-15	1/10W 100 ohm
R116	119-1011-15	1/10W 100 ohm
R117	119-1011-15	1/10W 100 ohm

REF No.	PART No.	DESCRIPTION
R118	116-1091-15	1/4W 1 ohm
R119	116-3911-15	1/4W 390 ohm
R206	119-1021-15	1/10W 1k ohm
R207	119-3331-15	1/10W 33k ohm
R208	119-4731-15	1/10W 47k ohm
R209	119-1041-15	1/10W 100k ohm
R210	119-4721-15	1/10W 4.7k ohm
R212	119-4721-15	1/10W 4.7k ohm
R213	119-4721-15	1/10W 4.7k ohm
R214	119-4721-15	1/10W 4.7k ohm
R216	032-0140-98	1/10W 330 ohm F
R217	032-0140-93	1/10W 2k ohm F
R301	119-1031-15	1/10W 10k ohm
R302	119-2201-15	1/10W 22 ohm
R303	119-1031-15	1/10W 10k ohm
R304	119-0000-05	1/10W 0 ohm JW
R305	119-0000-05	1/10W 0 ohm JW
R306	119-0000-05	1/10W 0 ohm JW
R307	119-0000-05	1/10W 0 ohm JW
R308	032-0140-80	1/10W 18k ohm F
R309	032-0140-80	1/10W 18k ohm F
R310	032-0140-80	1/10W 18k ohm F
R311	032-0140-80	1/10W 18k ohm F
R312	119-1011-15	1/10W 100 ohm
R313	119-1031-15	1/10W 10k ohm
R314	119-1021-15	1/10W 1k ohm
R315	119-1021-15	1/10W 1k ohm
R316	119-3921-15	1/10W 3.9k ohm
R317	119-1041-15	1/10W 100k ohm
R318	119-3921-15	1/10W 3.9k ohm
R319	119-1041-15	1/10W 100k ohm
R320	119-0000-05	1/10W 0 ohm JW
R321	119-1041-15	1/10W 100k ohm
R322	119-1041-15	1/10W 100k ohm
R323	119-1041-15	1/10W 100k ohm
R324	119-1041-15	1/10W 100k ohm
R325	119-3921-15	1/10W 3.9k ohm
R326	119-1001-15	1/10W 10 ohm
R327	119-3921-15	1/10W 3.9k ohm
R328	119-1021-15	1/10W 1k ohm
R329	119-0000-05	1/10W 0 ohm JW
R330	119-0000-05	1/10W 0 ohm JW
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	032-0140-50	1/10W 10k ohm F
R336	032-0140-50	1/10W 10k ohm F
R337	119-1041-15	1/10W 100k ohm
R338	119-1041-15	1/10W 100k ohm
R339	119-1031-15	1/10W 10k ohm
R340	119-1031-15	1/10W 10k ohm
R341	119-1011-15	1/10W 100 ohm
R342	119-1011-15	1/10W 100 ohm
R343	119-0000-05	1/10W 0 ohm JW
R344	119-0000-05	1/10W 0 ohm JW
R345	119-0000-05	1/10W 0 ohm JW
R346	----------	(NU)
R347	119-0000-05	1/10W 0 ohm JW
R348	119-4731-15	1/10W 47k ohm
R349	119-1031-15	1/10W 10k ohm
R350	119-0000-05	1/10W 0 ohm JW
R351	119-4731-15	1/10W 47k 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
R355	119-1021-15	1/10W 1k ohm
R356	119-4731-15	1/10W 47k ohm
R357	119-4731-15	1/10W 47k ohm
R358	119-1001-15	1/10W 10 ohm
R359	119-4731-15	1/10W 47k ohm
R360	119-4731-15	1/10W 47k ohm
R361	119-4731-15	1/10W 47k ohm
R362	119-4731-15	1/10W 47k ohm

REF No.	PART No.	DESCRIPTION
R401	----------	(NU)
R402	----------	(NU)
R403	----------	(NU)
R404	----------	(NU)
R405	----------	(NU)
R406	----------	(NU)
R407	----------	(NU)
R408	----------	(NU)
R409	119-4731-15	1/10W 47k ohm
R410	119-4731-15	1/10W 47k ohm
R411	119-4721-15	1/10W 4.7k ohm
R412	119-4731-15	1/10W 47k ohm
R413	119-4731-15	1/10W 47k ohm
R414	119-4711-15	1/10W 470 ohm
R415	119-4711-15	1/10W 470 ohm
R416	119-4721-15	1/10W 4.7k ohm
R417	119-4721-15	1/10W 4.7k ohm
R418	119-4721-15	1/10W 4.7k ohm
R419	119-4721-15	1/10W 4.7k ohm
R420	119-1041-15	1/10W 100k ohm
R421	119-1041-15	1/10W 100k ohm
R424	119-1011-15	1/10W 100 ohm
R425	119-1011-15	1/10W 100 ohm
R426	119-1011-15	1/10W 100 ohm
R427	119-1011-15	1/10W 100 ohm
R428	119-1031-15	1/10W 10k ohm
R429	119-1031-15	1/10W 10k ohm
R430	119-4721-15	1/10W 4.7k ohm
R431	119-1021-15	1/10W 1k ohm
R432	119-1021-15	1/10W 1k ohm
R433	119-4721-15	1/10W 4.7k ohm
R434	119-1021-15	1/10W 1k ohm
R435	116-6201-15	1/4W 62 ohm
R436	119-1031-15	1/10W 10k ohm
R437	116-6201-15	1/4W 62 ohm
R438	119-4731-15	1/10W 47k ohm
R439	----------	(NU)
R440	119-1021-15	1/10W 1k ohm
R441	119-0000-05	1/10W 0 ohm JW
R442	----------	(NU)
R443	119-1031-15	1/10W 10k ohm
R444	119-4731-15	1/10W 47k ohm
R445	119-1031-15	1/10W 10k ohm
R446	119-4731-15	1/10W 47k ohm
R447	119-1021-15	1/10W 1k ohm
R448	119-4731-15	1/10W 47k ohm
R449	119-4731-15	1/10W 47k ohm
R450	119-4731-15	1/10W 47k ohm
R451	119-4731-15	1/10W 47k ohm
R452	119-4731-15	1/10W 47k ohm
R453	119-1011-15	1/10W 100 ohm
R454	119-1011-15	1/10W 100 ohm
R455	119-1021-15	1/10W 1k ohm
R456	119-4721-15	1/10W 4.7k ohm
R457	119-4721-15	1/10W 4.7k ohm
R458	119-1041-15	1/10W 100k ohm
R459	119-1011-15	1/10W 100 ohm
R460	----------	(NU)
R461	119-2231-15	1/10W 22k ohm
R462	119-1041-15	1/10W 100k ohm
R463	----------	(NU)
R464	----------	(NU)
R465	----------	(NU)
R466	032-0140-15	1/10W 6.8k ohm F

REF No.	PART No.	DESCRIPTION
R467	032-0140-15	1/10W 6.8k ohm F
R468	119-4731-15	1/10W 47k ohm
R469	032-0140-15	1/10W 6.8k ohm F
R470	032-0140-15	1/10W 6.8k ohm F
R471	032-0140-50	1/10W 10k ohm F
R472	032-0140-50	1/10W 10k ohm F
R473	032-0140-50	1/10W 10k ohm F
R474	032-0140-50	1/10W 10k ohm F
R475	119-1031-15	1/10W 10k ohm
R476	119-1031-15	1/10W 10k ohm
R495	119-4731-15	1/10W 47k ohm
R496	119-4731-15	1/10W 47k ohm
R497	119-4731-15	1/10W 47k ohm
R498	119-4731-15	1/10W 47k ohm
R499	119-1011-15	1/10W 100 ohm
R501	119-1031-15	1/10W 10k 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
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	119-1051-15	1/10W 1M ohm
R512	119-1051-15	1/10W 1M ohm
R513	119-1051-15	1/10W 1M ohm
R514	119-1051-15	1/10W 1M ohm
R515	119-1031-15	1/10W 10k ohm
R516	119-1031-15	1/10W 10k ohm
R517	119-1031-15	1/10W 10k 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	119-4721-15	1/10W 4.7k ohm
R522	119-4721-15	1/10W 4.7k ohm
R523	119-1031-15	1/10W 10k ohm
R524	119-1031-15	1/10W 10k ohm
R525	119-1031-15	1/10W 10k ohm
R526	116-3911-15	1/4W 390 ohm
R527	116-1221-15	1/4W 1.2k ohm
R528	----------	(NU)
R529	116-1221-15	1/4W 1.2k ohm
R530	116-1221-15	1/4W 1.2k ohm
R531	119-1031-15	1/10W 10k ohm
R532	----------	(NU)
R533	119-1031-15	1/10W 10k ohm
R534	116-1221-15	1/4W 1.2k ohm
R535	119-4721-15	1/10W 4.7k ohm
R536	119-4731-15	1/10W 47k ohm
R537	116-4721-15	1/4W 4.7k ohm
R538	119-2731-15	1/10W 27k ohm
R539	119-4731-15	1/10W 47k ohm
R540	119-1521-15	1/10W 1.5k ohm
R541	119-1031-15	1/10W 10k ohm
R542	032-0140-03	1/10W 220k ohm F
R543	032-0140-19	1/10W 75k ohm F
R544	----------	(NU)
R545	----------	(NU)
R546	----------	(NU)
R547	----------	(NU)
R548	119-2241-15	1/10W 220k ohm
R549	----------	(NU)

REF No.	PART No.	DESCRIPTION
R550	----------	(NU)
R551	119-1031-15	1/10W 10k ohm
R552	032-0140-16	1/10W 180k ohm F
R553	032-0148-50	1/10W 100k ohm D
R554	032-0140-51	1/10W 15k ohm F
R555	116-2721-15	1/4W 2.7k ohm
R556	116-1531-15	1/4W 15k ohm
R557	----------	(NU)
R558	119-2221-15	1/10W 2.2k ohm
R559	116-1531-15	1/4W 15k ohm
R560	116-4791-15	1/4W 4.7 ohm
R561	116-4791-15	1/4W 4.7 ohm
R562	119-1031-15	1/10W 10k ohm
R563	----------	(NU)
R564	119-5611-15	1/10W 560 ohm
R565	119-1031-15	1/10W 10k ohm
R566	----------	(NU)
R567	----------	(NU)
R568	----------	(NU)
R569	119-0000-05	1/10W 0 ohm JW
R570	----------	(NU)
R575	119-0000-05	1/10W 0 ohm JW
R576	119-7531-15	1/10W 75k ohm
R577	119-4731-15	1/10W 47k ohm
R578	119-1021-15	1/10W 1k ohm
R601	119-3011-15	1/10W 300 ohm
R602	119-3011-15	1/10W 300 ohm
R603	119-3011-15	1/10W 300 ohm
R604	032-0140-89	1/10W 47k ohm F
R605	032-0140-89	1/10W 47k ohm F
R606	119-1031-15	1/10W 10k ohm
R607	119-1021-15	1/10W 1k ohm
R608	119-6821-15	1/10W 6.8k ohm
R609	119-5621-15	1/10W 5.6k ohm
R610	119-5621-15	1/10W 5.6k ohm
R612	119-5631-15	1/10W 56k ohm
R613	119-5631-15	1/10W 56k ohm
R615	119-4731-15	1/10W 47k ohm
R616	119-1031-15	1/10W 10k ohm
R617	119-1031-15	1/10W 10k ohm
R623	119-5631-15	1/10W 56k ohm
R624	119-1031-15	1/10W 10k ohm
R625	119-2231-15	1/10W 22k ohm
R626	119-4731-15	1/10W 47k ohm
R628	119-5621-15	1/10W 5.6k ohm
R629	119-5621-15	1/10W 5.6k ohm
R630	119-1021-15	1/10W 1k ohm
R631	119-1021-15	1/10W 1k ohm
SUP101	060-0122-91	DSP-141N-S00B
SUP102	060-0122-91	DSP-141N-S00B
TC401	004-1580-10	30pF GRN
TH101	002-0229-00	PTH8L05BAIR8M1B
TM101	073-0762-90	TERMINAL
TM102	073-0762-90	TERMINAL
TM501	073-0762-90	TERMINAL
TM502	073-0762-90	TERMINAL
TM601	073-0762-90	TERMINAL
X301	061-3537-90	41.6MHz
X401	061-3541-90	10.00MHz
X402	061-1066-00	7.2MHz
PWB	039-3155-01	PWB(WITHOUT COMPONENTS)

SW PWB(B2) section

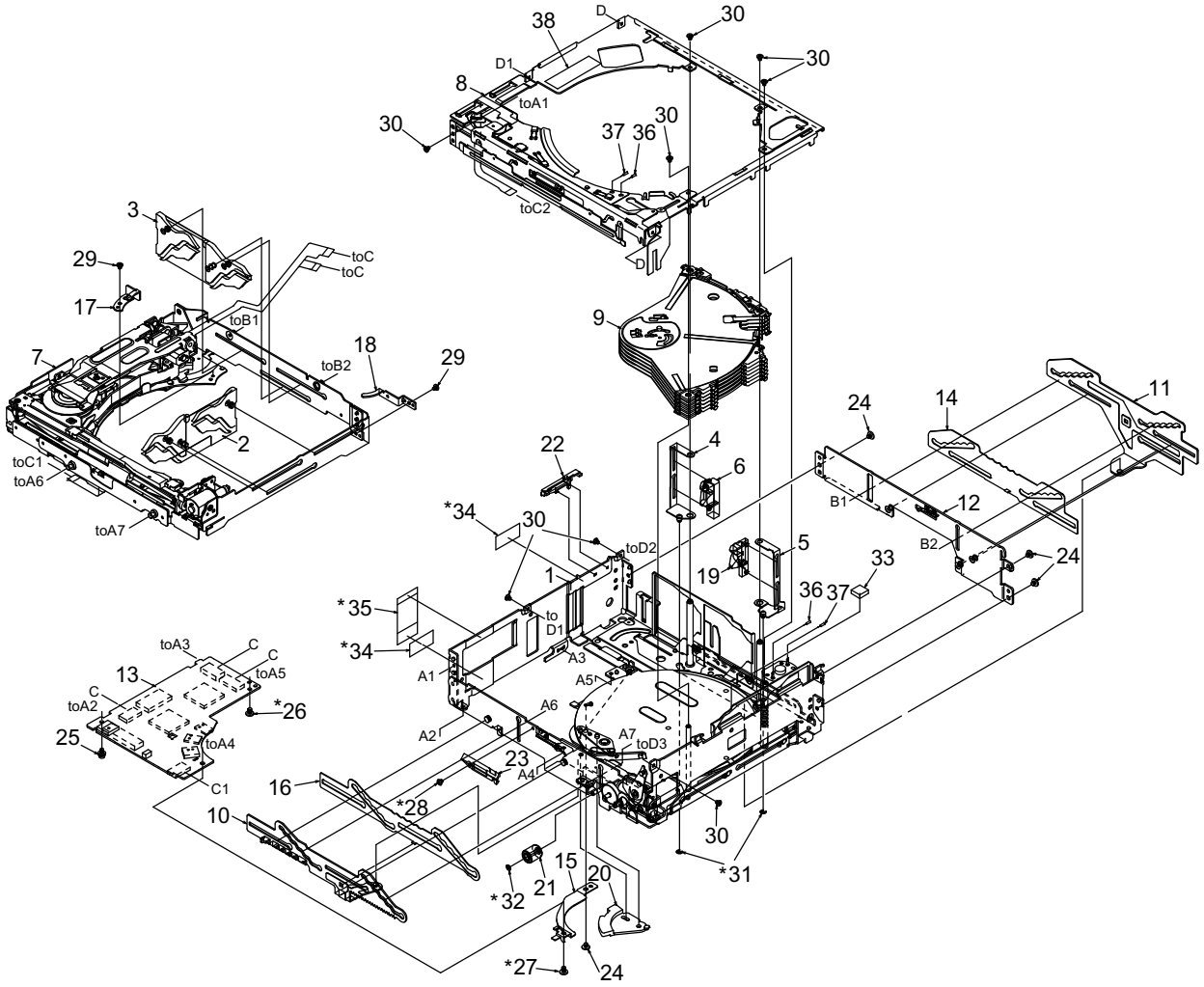
REF No.	PART No.	DESCRIPTION
D701	001-9210-50	AVR-M1608C270MTA AD
D702	001-9210-50	AVR-M1608C270MTA AD
D703	001-9210-50	AVR-M1608C270MTA AD
D704	001-9210-50	AVR-M1608C270MTA AD
D705	001-0516-90	MA111
D706	001-0516-90	MA111
D707	001-0516-90	MA111
D708	001-0516-90	MA111
D709	001-0516-90	MA111
D710	001-0516-90	MA111
D711	001-0516-90	MA111
D712	001-0516-90	MA111
D713	001-7109-90	SML-311DTT86 ORG
D714	001-7109-90	SML-311DTT86 ORG
D715	001-7109-90	SML-311DTT86 ORG
D716	001-7109-90	SML-311DTT86 ORG
D717	001-7109-90	SML-311DTT86 ORG
D720	001-7109-90	SML-311DTT86 ORG
D721	001-7109-90	SML-311DTT86 ORG
D722	001-7109-90	SML-311DTT86 ORG
D723	001-7109-90	SML-311DTT86 ORG
D724	001-7109-90	SML-311DTT86 ORG
D725	001-7109-90	SML-311DTT86 ORG
D728	001-7109-90	SML-311DTT86 ORG
D729	001-7109-90	SML-311DTT86 ORG
D730	001-7109-90	SML-311DTT86 ORG
D731	001-7109-90	SML-311DTT86 ORG
D732	----------	(NU)
D733	----------	(NU)
D734	----------	(NU)
D735	----------	(NU)
D736	001-7109-90	SML-311DTT86 ORG

REF No.	PART No.	DESCRIPTION
D737	001-7109-90	SML-311DTT86 ORG
D738	001-7109-90	SML-311DTT86 ORG
D739	001-7109-90	SML-311DTT86 ORG
D740	001-7109-90	SML-311DTT86 ORG
D741	001-7109-90	SML-311DTT86 ORG
D742	----------	(NU)
D743	001-7109-90	SML-311DTT86 ORG
D744	001-7109-90	SML-311DTT86 ORG
D745	001-7109-90	SML-311DTT86 ORG
D746	001-7109-90	SML-311DTT86 ORG
D747	----------	(NU)
D748	001-7109-90	SML-311DTT86 ORG
D749	001-7109-90	SML-311DTT86 ORG
D750	001-7109-90	SML-311DTT86 ORG
D751	001-7109-90	SML-311DTT86 ORG
D752	----------	(NU)
D753	001-7109-90	SML-311DTT86 ORG
D754	001-7109-90	SML-311DTT86 ORG
D755	----------	(NU)
D756	001-7109-90	SML-311DTT86 ORG
D757	001-7109-90	SML-311DTT86 ORG
D758	001-7109-90	SML-311DTT86 ORG
D759	001-7109-90	SML-311DTT86 ORG
D760	001-0516-90	MA111
D761	001-0516-90	MA111
D762	001-7109-90	SML-311DTT86 ORG
J701	075-0390-00	JACK
J702	074-3013-74	24P
R701	116-3321-15	1/4W 3.3k ohm
R705	116-1021-15	1/4W 1k ohm
R706	116-1821-15	1/4W 1.8k ohm
R707	116-2221-15	1/4W 2.2k ohm
R709	116-2721-15	1/4W 2.7k ohm
R710	116-2221-15	1/4W 2.2k ohm
R711	116-4711-15	1/4W 470 ohm
R713	116-2221-15	1/4W 2.2k ohm

REF No.	PART No.	DESCRIPTION
R714	116-1521-15	1/4W 1.5k ohm
R715	116-1521-15	1/4W 1.5k ohm
R716	116-1521-15	1/4W 1.5k ohm
R717	116-1821-15	1/4W 1.8k ohm
R718	116-1821-15	1/4W 1.8k ohm
R719	116-1821-15	1/4W 1.8k ohm
R720	116-1221-15	1/4W 1.2k ohm
R721	116-1221-15	1/4W 1.2k ohm
R722	116-1221-15	1/4W 1.2k ohm
R723	116-1221-15	1/4W 1.2k ohm
R724	116-1521-15	1/4W 1.5k ohm
S701	013-6202-52	SKPMBJE010
S702	013-6202-52	SKPMBJE010
S703	013-6202-52	SKPMBJE010
S704	013-6202-52	SKPMBJE010
S705	013-6202-52	SKPMBJE010
S706	013-6202-52	SKPMBJE010
S707	013-6202-52	SKPMBJE010
S708	013-6202-52	SKPMBJE010
S709	013-6202-52	SKPMBJE010
S710	013-6202-52	SKPMBJE010
S711	013-6202-52	SKPMBJE010
S712	013-6202-52	SKPMBJE010
S713	013-6202-52	SKPMBJE010
S714	013-6202-52	SKPMBJE010
S715	013-6202-52	SKPMBJE010
S716	013-6202-52	SKPMBJE010
TM701	----------	(NU)
TM702	----------	(NU)
TM703	----------	(NU)
TM704	----------	(NU)
TM705	----------	(NU)
VR701	016-0018-23	ROTALY ENCODER
VR702	016-0024-07	ROTALY ENCODER
PWB	039-3156-01	PWB(WITHOUT COMPONENTS)

EXPLODED VIEW/PARTS LIST

Main section

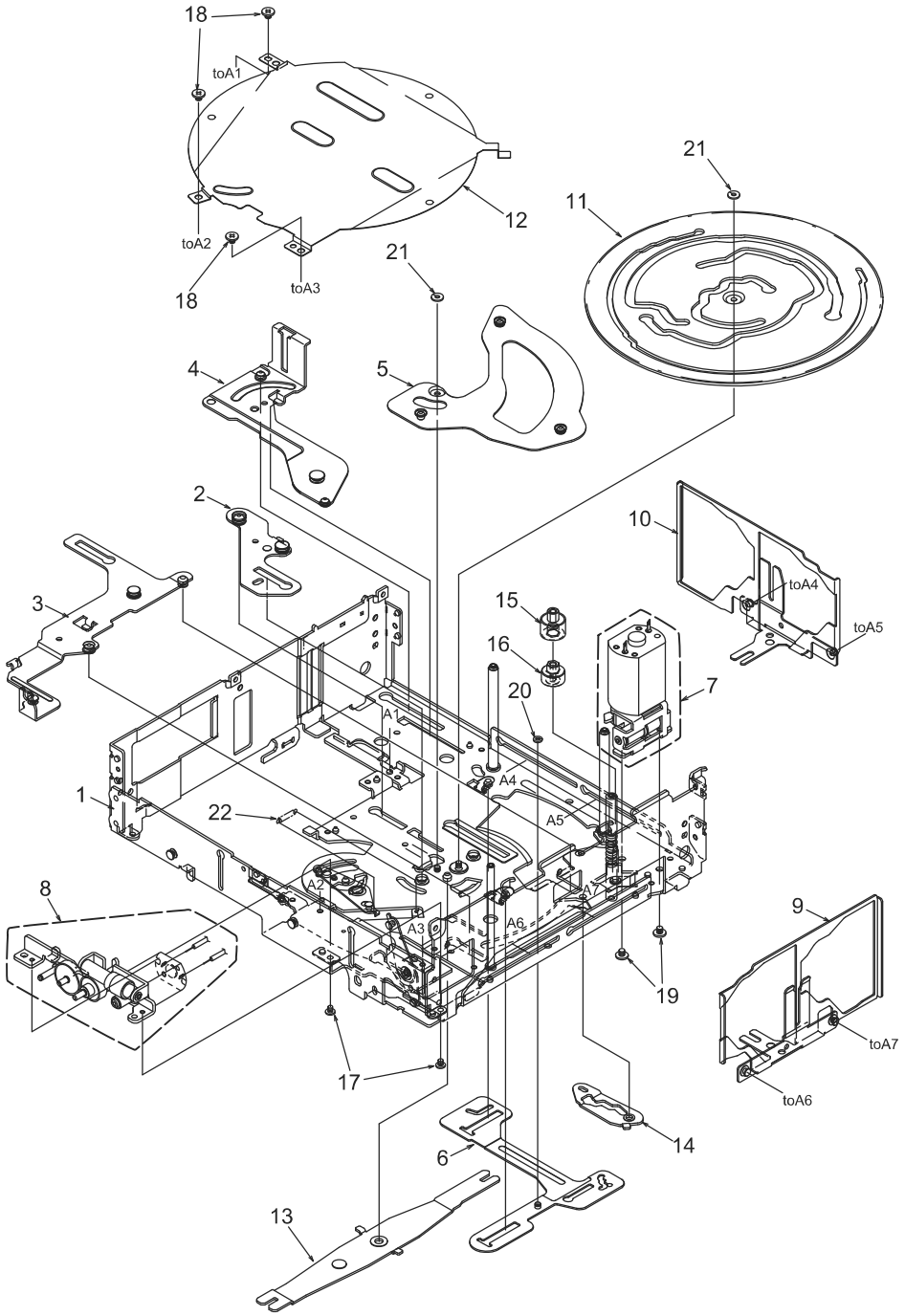


* Do not reuse the following parts.
(No.26,27,28,32,31,34,35)

NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	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	966-1898-21	DISC STP-ASSY L	1
7	966-1899-20	DRIVE-CH UNIT	1
8	966-1840-23	UPPER UNIT ASSY	1
9	HBS-602-100	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-658-100	CD PWB ASSY	1
14	620-1662-21	GAP PLATE R	1
15	620-1640-20	SW-H-PLATE	1
16	620-1778-21	GAP PLATE F	1
17	620-1685-21	DS-PLATE L	1
18	620-1686-20	DS-PLATE R	1
19	621-1819-20	DISC STOPPER R	1

NO.	PART NO.	DESCRIPTION	Q'TY
20	621-1812-20	SW LINK	1
21	621-1765-21	UD-GEAR-D	1
22	621-1715-20	FPC-STOPPER	1
23	621-1763-20	LOADING GUIDE B	1
24	716-1850-01	SCREW(M2.0x2)	4
25	716-3598-00	SCREW(M2.0x4)	1
26	716-3599-00	SCREW(M2.0x2 sealock)	1
27	716-3600-00	SCREW(M2.0x3 sealock)	1
28	716-3601-00	SCREW(M1.7x2 sealock)	1
29	716-3450-00	SCREW(M1.7x2.0)	2
30	716-3451-01	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

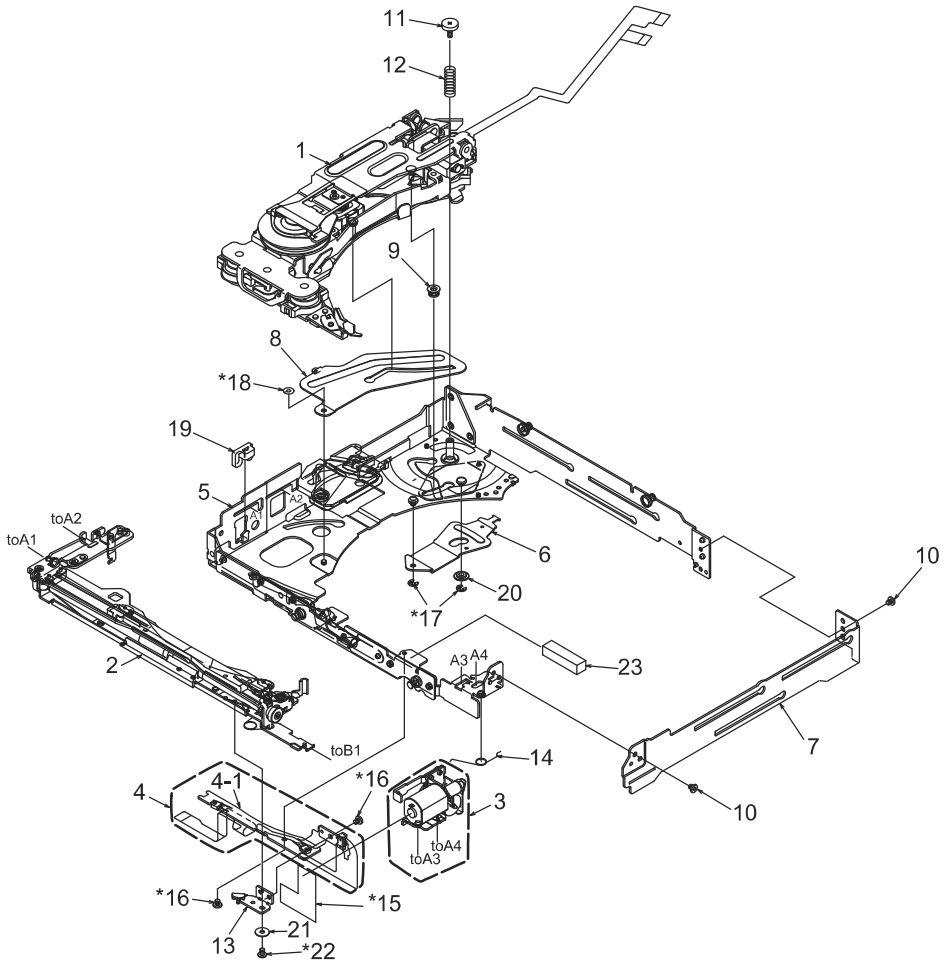
Lower unit assy section



NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1834-24	LOWER-C-ASSY	1
2	966-0658-22	DH-SP-ASSY	1
3	966-1836-22	TATSU-P-ASSY	1
4	966-1832-20	D-SHT PL-B-ASSY	1
5	966-0659-22	DH-SP-ASSY B	1
6	966-1835-24	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	620-1869-20	DS-SHIFT LINK	1
15	621-1811-21	M-GEAR B	1
16	621-0733-21	M-GEAR C	1
17	716-3451-01	SCREW(M1.7x2.5)	2
18	716-1850-01	SCREW(M2.0x2.0)	3
19	716-1851-03	SCREW(M2.0x3.0)	2
20	746-0870-00	WASHER	1
21	746-0768-00	WASHER	2
22	750-6756-21	SW-L-SPRING	1

Drive-CH unit section

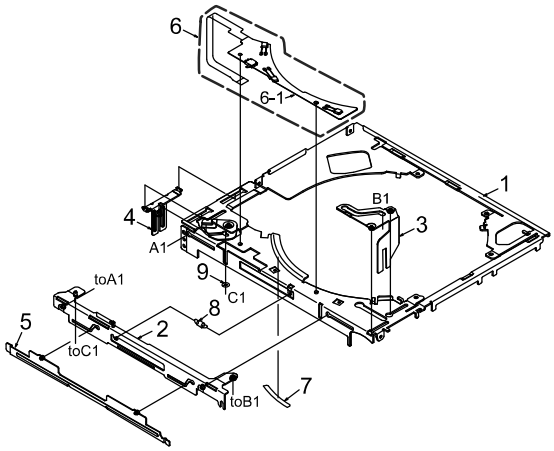


* Do not reuse the following parts.
(No.15,16,17,18,22)

NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-656-100	N-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	966-1828-22	DRIVE-CH A-ASSY	1
6	620-1838-21	D-SHIFT LINK A	1
7	620-1837-20	DRIVE CHASSIS B	1
8	620-1836-20	DR-SUPPORT-PL	1
9	622-1743-21	D-SHIFT ROLLER B	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
23	345-5868-01	RUBBER PART	1

Upper unit assy section



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

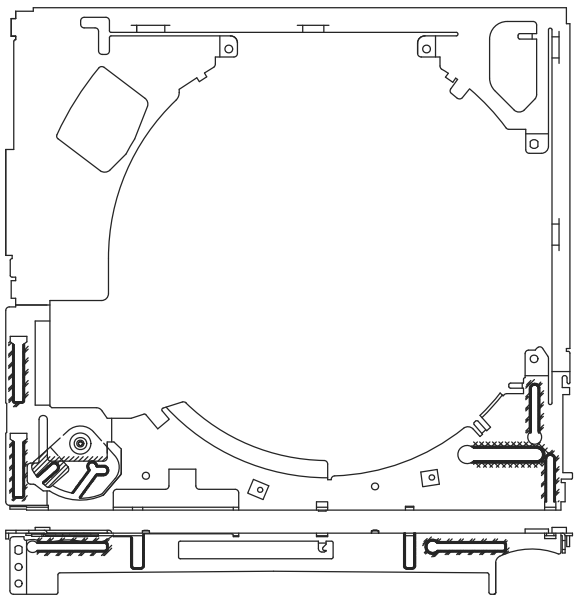
NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1823-21	UPPER-CHA-ASSY	1
2	966-1824-20	LO-SHIFT A ASSY	1
3	966-1791-20	LO-SHIFT B ASSY	1
4	966-1825-20	LO-SHIFT C ASSY	1
5	966-1826-20	SHUTTER ASSY	1
6	HBS-613-100	U-SEN-FPC-ASSY	1
6-1	----------	SENSOR-U-FPC	1
7	347-8216-00	RATTLE SHEET	1
8	750-6850-21	SHUTTER SPRING	1
9	746-0870-00	WASHER	1

[Grease Point]

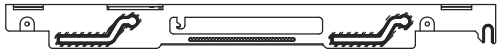
* Grease : SANKOL FG-87HSR

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

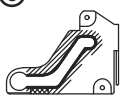
①



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 K
C3	168-1042-78	16V 0.1uF K
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 K
C9	168-1052-78	16V 1uF K
C11	168-1052-78	16V 1uF K
C12	042-0671-01	10V 47uF TA
C13	168-1052-78	16V 1uF K
C14	168-1042-78	16V 0.1uF K
C15	168-1052-78	16V 1uF K
C16	043-0559-90	6.3V 22uF
C17	168-1032-55	0.01uF K
C18	168-1052-78	16V 1uF K
C19	043-0559-90	6.3V 22uF
C20	168-1042-78	16V 0.1uF K
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 K
C33	168-2222-55	2200pF K
C34	168-1042-78	16V 0.1uF K
C35	168-1042-78	16V 0.1uF K
C36	168-1042-78	16V 0.1uF K
C37	168-6822-55	6800pF K
C39	168-1042-78	16V 0.1uF K
C40	168-3332-78	0.033uF K
C41	168-1042-78	16V 0.1uF K
C42	168-1042-78	16V 0.1uF K
C43	168-1042-78	16V 0.1uF K
C45	168-1042-78	16V 0.1uF K
C46	168-1042-78	16V 0.1uF K
C48	168-1042-78	16V 0.1uF K
C49	168-1042-78	16V 0.1uF K
C50	168-1042-78	16V 0.1uF K
C51	168-1042-78	16V 0.1uF K
C52	168-5622-55	5600pF K
C53	168-1042-78	16V 0.1uF K
C54	166-6801-50	68pF CH
C55	168-1532-55	0.015uF K
C56	168-1042-78	16V 0.1uF K
C57	168-1032-55	0.01uF K
C58	168-1042-78	16V 0.1uF K
C59	168-1042-78	16V 0.1uF K
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 K
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 K
C72	168-1042-78	16V 0.1uF K
C74	166-6097-50	6pF CH
C75	168-1042-78	16V 0.1uF K
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
C81	168-3332-78	0.033uF 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	MA8027H-TX
D4	001-4301-18	HZU 3.6B1
D4	001-0529-18	MA8036-L
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	052-5071-32	TMP91CY22IFG-7BH6
IC3	051-6733-30	TC94A70FG-010
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	19P
J2	074-1201-65	15P
J3	074-1138-56	6P
J4	074-1100-61	11P
J5	074-1201-61	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
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
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	SPVL110200
S2	013-7416-50	SPVL110200
S3	013-7412-50	SPVG21
S4	013-7415-50	SPVG110400
X1	061-3534-90	16.92MHz
X3	060-1545-90	20MHz
PWB	039-3026-20	PWB(WITHOUT COMPONENT)

Sensor-L-PFC(BM2) section

REF No.	PART No.	DESCRIPTION
PT1	060-0252-01	PT4850F
PT2	060-0252-01	PT4850F
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)