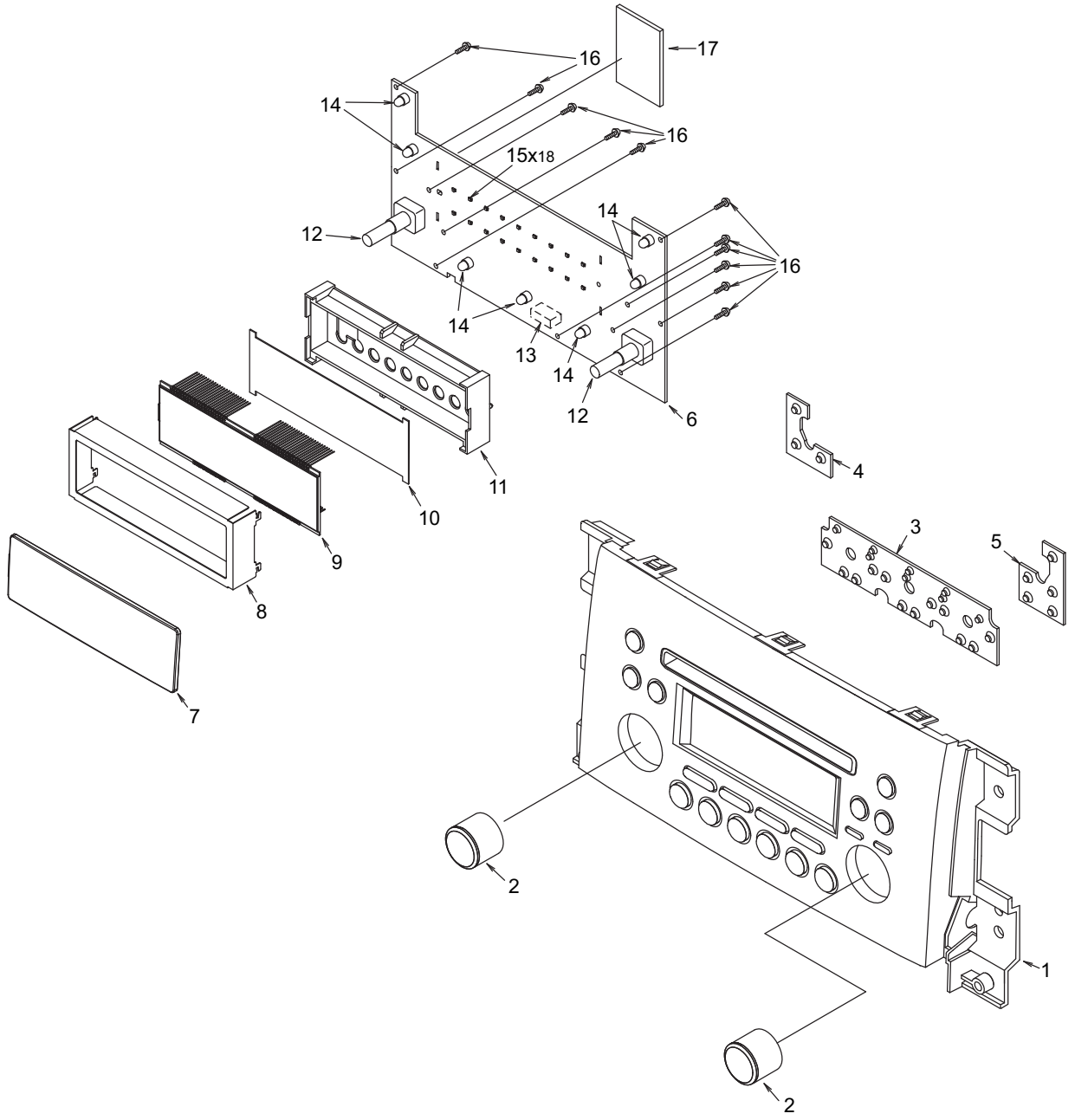
EXPLODED VIEW/PARTS LIST

Escutcheon section

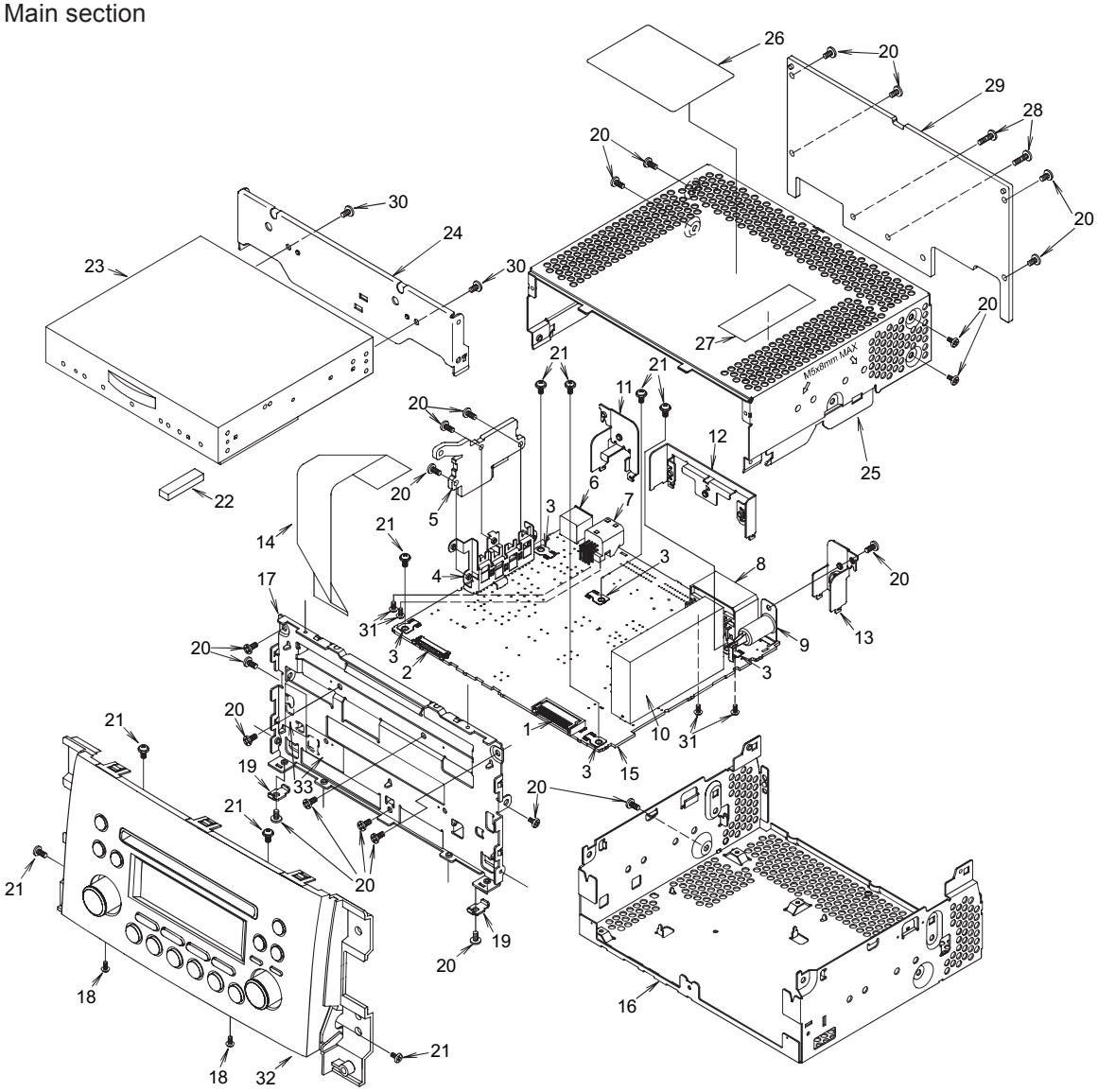


Note)The part number of ES-ASSY is different is each model.
Clamping torque value of a screw is 0.2 +0.04/-0.04 Newton meter.

NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8229-42 940-8229-43	ES-ASSY(PS3104DA) BLACK ES-ASSY(PS3104DB) BROWN	1 1
2	380-5610-00	KNOB	2
3	345-5782-11	RUBBER SW (CENTER)	1
4	345-5783-00	RUBBER SW (LEFT)	1
5	345-6227-00	RUBBER SW (RIGHT)	1
6	----------	Switch PWB	1
7	373-1175-00	DIAL COVER	1
8	331-4550-01	LCD COVER	1
9	379-1412-80	INDICATOR (LCD)	1

NO.	PART NO.	DESCRIPTION	Q'TY
10	335-8274-00	COLOR FILTER	1
11	335-8273-00	LCD HOLDER	1
12	016-0018-17	VR W/SHAFT	2
13	074-3013-74	OUTLETSOCKET(24P)	1
14	017-0420-43	PL LAMP (14V 40mA RED)	7
15	001-7094-91	DIODE (RED) (VFR1112H-TR)	18
16	716-0778-51	P-TITE SCREW (2x6)	11
17	345-6006-00	PROTECTOR	1

Main section



Note)The part number of SETPLATE is different is each model.
Clamping torque value of a screw is 0.4 +0.08/-0.08 Newton meter.

NO.	PART NO.	DESCRIPTION	Q'TY
1	076-3011-74	PLUG(24P)	1
2	074-1189-88	OUTLET SOCKET(38P)	1
3	073-0762-90	TERMINAL	5
4	331-4126-00	TR HOLDER	1
5	313-1966-00	SUB HEAT SINK	1
6	074-1194-00	OUTLET SOCKET(13P)	1
7	074-1302-08	OUTLET SOCKET(8P)	1
8	074-4007-20	OUTLET SOCKET(20P)	1
9	092-0702-50	ANT-RECEPT	1
10	941-0221-70	TUNER PACK	2
11	331-4547-00	SOCKET HOLDER	1
12	331-4548-00	IC HOLDER	1
13	331-4549-00	ANT HOLDER	1
14	816-3034-50	FLAT WIRE	1
15	----------	Main PWB	1
16	311-1919-70	LOWER CASE	1
17	309-0836-02	ES PLATE	1

NO.	PART NO.	DESCRIPTION	Q'TY
18	780-2603-06	IT SCREW(M2.6x3)	2
19	331-4193-20	SU-PLATE	2
20	714-2606-8B	MACHINE SCREW(M2.6x6)	22
21	716-0878-50	IT SCREW(M2.6x5)	9
22	345-5994-00	CUSHION RUBBER	1
23	929-5026-81	CD-MECH-MODULE	1
24	331-4123-00	CD BRKT	1
25	310-1826-50	UPPER CASE	1
26	276-0273-53 276-0273-63	SETPLATE(PS3104DA) SETPLATE(PS3104DB)	1 1
27	285-1960-00	GUIDE LABEL	1
28	714-2610-89	MACHINE SCREW(M2.6x10)	2
29	313-1962-00	HEAT SINK	1
30	714-2603-8B	MACHINE SCREW(M2.6x3)	2
31	778-3006-00	TAP-SCREW(3x6)	4
32	----------	ESCUTCHEON SECTION (Refer to page 5)	1
33	347-8651-00	PROTECTOR	2

ELECTRICAL PARTS LIST

Main PWB section (B1)

REF No.	PART No.	DESCRIPTION
ANT101	092-0702-50	ANT RECEPT
BL101	941-0221-70	TUNER PACK
C102	168-2232-55	0.022uF K
C103	168-2232-55	0.022uF K
C104	188-1073-28	10V 100uF
C105	168-1042-78	16V 0.1uF
C106	168-1042-78	16V 0.1uF
C107	188-1073-28	10V 100uF
C108	168-1042-78	16V 0.1uF
C109	168-2232-55	0.022uF K
C111	168-3332-78	0.033uF K
C112	168-4745-79	0.47uF Z
C113	168-8232-78	0.082uF K
C114	168-8232-78	0.082uF K
C121	166-1801-50	18pF CH
C122	188-4763-38	16V 47uF
C123	168-1022-55	1000pF K
C124	042-1458-90	50V 1uF LN
C126	166-1011-50	100pF CH
C127	166-1011-50	100pF CH
C128	166-1011-50	100pF CH
C129	166-1011-50	100pF CH
C130	168-2232-55	0.022uF K
C131	188-4763-38	16V 47uF
C133	168-1042-78	16V 0.1uF
C160	168-1042-78	16V 0.1uF
C212	188-4763-38	16V 47uF
C222	168-1042-78	16V 0.1uF
C243	188-4763-38	16V 47uF
C244	168-1042-78	16V 0.1uF
C245	168-1042-78	16V 0.1uF
C271	188-4763-38	16V 47uF
C273	043-0328-90	0.1uF
C274	189-2273-29	10V 220uF
C276	043-0328-90	0.1uF
C301	178-1052-78	1uF
C302	178-1052-78	1uF
C305	178-1052-78	1uF
C306	178-1052-78	1uF
C309	168-1832-55	0.018uF K
C310	168-1832-55	0.018uF K
C311	188-2253-68	50V 2.2uF
C312	188-2253-68	50V 2.2uF
C313	188-2253-68	50V 2.2uF
C314	188-2253-68	50V 2.2uF
C318	168-1522-55	1500pF K
C319	168-1522-55	1500pF K
C334	166-4711-50	470pF CH
C335	166-4711-50	470pF CH
C346	188-1073-28	10V 100uF
C352	168-1042-78	16V 0.1uF
C353	042-1562-15	10V 220uF
C354	166-2201-50	22pF CH
C355	166-2201-50	22pF CH
C356	166-1007-50	10pF CH
C357	166-1007-50	10pF CH
C358	188-1063-38	16V 10uF
C359	188-1063-38	16V 10uF
C360	188-1063-38	16V 10uF
C361	188-1063-38	16V 10uF
C391	168-1042-78	16V 0.1uF
C392	168-1042-78	16V 0.1uF
C393	168-1042-78	16V 0.1uF
C394	168-1042-78	16V 0.1uF
C395	168-1032-55	0.01uF K
C396	163-1053-65	50V 1uF
C397	042-1624-00	16V 4700uF
C398	163-1063-35	16V 10uF
C399	163-1053-65	50V 1uF
C400	166-2201-50	22pF CH
C401	166-3911-50	390pF CH
C402	043-0570-90	16V 2.2uF K
C403	168-5632-78	16V 0.056uF
C404	043-0570-90	16V 2.2uF K
C405	188-1063-38	16V 10uF
C406	188-1073-28	10V 100uF
C407	168-1042-78	16V 0.1uF
C408	166-3911-50	390pF CH
C409	043-0570-90	16V 2.2uF K
C410	168-5632-78	16V 0.056uF
C411	043-0570-90	16V 2.2uF K
C412	168-1042-78	16V 0.1uF
C417	178-4742-78	0.47uF
C418	168-4722-55	4700pF K
C419	178-4742-78	0.47uF
C420	168-4722-55	4700pF K
C421	178-4742-78	0.47uF
C422	168-4722-55	4700pF K
C423	178-4742-78	0.47uF
C424	168-4722-55	4700pF K
C501	168-1042-78	16V 0.1uF
C502	188-4763-18	6.3V 47uF
C503	168-1032-55	0.01uF K
C504	168-1032-55	0.01uF K
C505	168-1032-55	0.01uF K
C506	168-1042-78	16V 0.1uF
C507	188-1053-68	50V 1uF
C509	168-1022-55	1000pF K
C510	168-1022-55	1000pF K
C511	168-1042-78	16V 0.1uF
C512	168-1032-55	0.01uF K
C513	189-1073-29	10V 100uF
C514	168-1042-78	16V 0.1uF
C515	166-1011-50	100pF CH
C516	188-1063-38	16V 10uF
C517	042-0559-00	5.5V 0.1uF
C722	168-1042-78	16V 0.1uF
C731	172-1041-15	0.1uF
C732	188-1053-68	50V 1uF
C741	043-0328-90	0.1uF
C744	188-1073-28	10V 100uF
C761	188-1063-38	16V 10uF
C762	188-1063-38	16V 10uF
C771	188-1073-28	10V 100uF
C772	188-1063-38	16V 10uF
C811	172-1041-15	0.1uF
C821	188-1063-38	16V 10uF
CCT501	050-0140-54	1/32W 1k ohm x4J
CCT504	050-0140-54	1/32W 1k ohm x4J
CCT505	050-0140-54	1/32W 1k ohm x4J
D391	001-0580-90	1SS352
D505	001-0580-90	1SS352
D506	001-2403-90	M1F60
D507	001-4301-25	HZU4.7B1
D508	001-0466-90	S5688B
D509	001-0504-36	HZS7 A1L
D701	001-0424-31	MA4180
D702	001-0424-31	MA4180
D703	001-0424-31	MA4180
D711	001-0466-90	S5688B
D712	001-0466-90	S5688B
D731	001-0466-90	S5688B
D761	001-0504-39	HZS7 B2L
D771	001-0347-44	MA4082M
D772	001-0347-39	MA4068H
D801	012-0592-00	RM4Z
D851	001-4301-68	HZU18B1
IC121	051-6212-18	LC72191JM-UC
IC241	051-3395-90	NJU7780U1-15-TES
IC271	051-3333-00	NJM2396F05
IC272	051-3366-00	NJM2396F08
IC351	051-3034-90	NJM4558V
IC391	051-2040-00	TA8276H
IC401	051-5046-90	CL7639V20
IC501	052-3220-20	M30624MGP-E49GP
IC502	051-0869-58	NJM2103M
IC503	051-9402-68	BR93L56F-W
IC504	051-6600-58	HA12187FP
IC741	051-3369-00	NJM2388F84
J221	074-1189-88	SOCKET(38P)
J701	074-1194-00	13P CE-NET
J721	074-1302-08	SOCKET(8P)
J801	074-4007-20	SOCKET(20P)
L101	010-2003-04	30uH
L102	010-6009-76	22uH J
L103	010-6009-76	22uH J
L122	010-6009-76	22uH J
L501	010-6009-76	22uH J
L502	010-6009-76	22uH J
L801	010-8026-00	210uH
P501	076-3011-74	24P
Q121	191-1197-50	2SB1197K Q,R
Q122	191-1197-50	2SB1197K Q,R
Q123	191-1197-50	2SB1197K Q,R
Q124	192-4116-51	2SC4116 G,L
Q124	192-4155-51	2SC4155A
Q124	193-1819-50	2SD1819AR,SL
Q125	192-4116-51	2SC4116 G,L
Q125	192-4155-51	2SC4155A
Q125	193-1819-50	2SD1819AR,SL
Q391	125-2027-93	DTC144EUA
Q502	190-2071-00	2SA2071 T100
Q503	192-4116-51	2SC4116 G,L
Q503	192-4155-51	2SC4155A
Q503	193-1819-50	2SD1819AR,SL
Q504	192-4116-51	2SC4116 G,L
Q504	192-4155-51	2SC4155A
Q504	193-1819-50	2SD1819AR,SL
Q505	192-4116-51	2SC4116 G,L
Q505	192-4155-51	2SC4155A
Q505	193-1819-50	2SD1819AR,SL
Q506	193-2118-50	2SD2118F5 R,S
Q701	192-4116-51	2SC4116 G,L
Q701	192-4155-51	2SC4155A
Q701	193-1819-50	2SD1819AR,SL
Q711	190-2071-00	2SA2071 T100
Q712	192-4116-51	2SC4116 G,L
Q712	192-4155-51	2SC4155A
Q712	193-1819-50	2SD1819AR,SL
Q761	192-5810-00	2SC5810 TE12L
Q762	125-0021-91	DTA114EUA
Q762	125-0025-92	RN2302
Q762	125-0034-92	RT1P141M
Q763	125-2027-91	DTC114EUA
Q763	125-2032-92	RN1302
Q763	125-2041-92	RT1N141M
Q771	192-5886-00	2SC5886
Q773	192-4116-51	2SC4116 G,L
Q773	192-4155-51	2SC4155A
Q773	193-1819-50	2SD1819AR,SL
Q775	192-4116-51	2SC4116 G,L
Q775	192-4155-51	2SC4155A
Q775	193-1819-50	2SD1819AR,SL
Q776	125-0021-91	DTA114EUA
Q776	125-0025-92	RN2302
Q776	125-0034-92	RT1P141M
Q777	125-2027-91	DTC114EUA
Q777	125-2032-92	RN1302
Q777	125-2041-92	RT1N141M
Q821	190-2071-00	2SA2071 T100
Q822	192-4116-51	2SC4116 G,L
Q822	192-4155-51	2SC4155A
Q822	193-1819-50	2SD1819AR,SL

REF No.	PART No.	DESCRIPTION
R101	119-0000-05	1/10W 0 ohm JW
R102	119-0000-05	1/10W 0 ohm JW
R103	119-1041-15	1/10W 100k ohm
R104	119-2221-15	1/10W 2.2k ohm
R105	119-5611-15	1/10W 560 ohm
R106	119-2221-15	1/10W 2.2k ohm
R107	116-1001-15	1/4W 10 ohm
R108	119-2231-15	1/10W 22k ohm
R109	119-5121-15	1/10W 5.1k ohm
R111	166-8201-50	82pF CH
R122	119-3321-15	1/10W 3.3k ohm
R123	119-4721-15	1/10W 4.7k ohm
R124	119-2221-15	1/10W 2.2k ohm
R125	119-1021-15	1/10W 1k ohm
R126	119-0000-05	1/10W 0 ohm JW
R127	119-5631-15	1/10W 56k ohm
R128	119-4731-15	1/10W 47k ohm
R129	119-4731-15	1/10W 47k ohm
R130	119-2221-15	1/10W 2.2k ohm
R131	119-1031-15	1/10W 10k ohm
R132	119-1031-15	1/10W 10k ohm
R133	119-2221-15	1/10W 2.2k ohm
R134	119-2221-15	1/10W 2.2k ohm
R135	119-1031-15	1/10W 10k ohm
R221	119-4731-15	1/10W 47k ohm
R271	119-4731-15	1/10W 47k ohm
R275	119-0000-05	1/10W 0 ohm JW
R301	119-1021-15	1/10W 1k ohm
R302	119-1021-15	1/10W 1k ohm
R305	119-1021-15	1/10W 1k ohm
R306	119-1021-15	1/10W 1k ohm
R309	119-1021-15	1/10W 1k ohm
R310	119-1021-15	1/10W 1k ohm
R311	119-5631-15	1/10W 56k ohm
R312	119-5631-15	1/10W 56k ohm
R313	119-5631-15	1/10W 56k ohm
R314	119-5631-15	1/10W 56k ohm
R323	119-0000-05	1/10W 0 ohm JW
R324	119-0000-05	1/10W 0 ohm JW
R325	119-0000-05	1/10W 0 ohm JW
R326	119-0000-05	1/10W 0 ohm JW
R351	119-8211-15	1/10W 820 ohm
R352	119-1021-15	1/10W 1k ohm
R353	032-0140-50	1/10W 10k ohm F
R354	032-0140-50	1/10W 10k ohm F
R355	032-0140-50	1/10W 10k ohm F
R356	032-0140-50	1/10W 10k ohm F
R357	032-0140-50	1/10W 10k ohm F
R358	032-0140-50	1/10W 10k ohm F
R359	032-0140-50	1/10W 10k ohm F
R360	032-0140-50	1/10W 10k ohm F
R391	119-5631-15	1/10W 56k ohm
R392	119-1221-15	1/10W 1.2k ohm
R393	119-2221-15	1/10W 2.2k ohm
R394	119-2221-15	1/10W 2.2k ohm

REF No.	PART No.	DESCRIPTION
R395	119-2221-15	1/10W 2.2k ohm
R396	119-2221-15	1/10W 2.2k ohm
R397	119-1031-15	1/10W 10k ohm
R400	119-1031-15	1/10W 10k ohm
R401	119-2731-15	1/10W 27k ohm
R402	119-2021-15	1/10W 2k ohm
R403	119-2731-15	1/10W 27k ohm
R404	119-2021-15	1/10W 2k ohm
R405	119-0000-05	1/10W 0 ohm JW
R502	119-4721-15	1/10W 4.7k ohm
R504	119-4721-15	1/10W 4.7k ohm
R505	119-1041-15	1/10W 100k ohm
R506	119-1041-15	1/10W 100k ohm
R507	119-4731-15	1/10W 47k ohm
R508	119-4731-15	1/10W 47k ohm
R510	119-4721-15	1/10W 4.7k ohm
R511	119-4721-15	1/10W 4.7k ohm
R512	119-4721-15	1/10W 4.7k ohm
R513	119-4721-15	1/10W 4.7k ohm
R514	119-1021-15	1/10W 1k ohm
R515	119-1041-15	1/10W 100k ohm
R516	119-1041-15	1/10W 100k ohm
R517	116-1001-15	1/4W 10 ohm
R520	119-4731-15	1/10W 47k ohm
R522	119-4731-15	1/10W 47k ohm
R527	119-4721-15	1/10W 4.7k ohm
R528	032-0140-66	1/10W 220 ohm F
R529	119-1031-15	1/10W 10k ohm
R530	119-1041-15	1/10W 100k ohm
R531	119-1031-15	1/10W 10k ohm
R532	119-4721-15	1/10W 4.7k ohm
R533	119-4721-15	1/10W 4.7k ohm
R534	119-1021-15	1/10W 1k ohm
R535	119-1031-15	1/10W 10k ohm
R536	119-2221-15	1/10W 2.2k ohm
R537	119-1031-15	1/10W 10k ohm
R538	119-1031-15	1/10W 10k ohm
R539	119-1031-15	1/10W 10k ohm
R540	119-4731-15	1/10W 47k ohm
R541	119-5621-15	1/10W 5.6k ohm
R542	119-2231-15	1/10W 22k ohm
R544	119-4731-15	1/10W 47k ohm
R545	119-6831-15	1/10W 68k ohm
R546	119-1021-15	1/10W 1k ohm
R547	119-1021-15	1/10W 1k ohm
R548	119-1031-15	1/10W 10k ohm
R549	119-3341-15	1/10W 330k ohm
R550	032-0140-22	1/10W 68k ohm F
R551	032-0140-00	1/10W 56k ohm F
R552	117-6821-15	1/8W 6.8k ohm
R553	119-4731-15	1/10W 47k ohm
R554	119-4731-15	1/10W 47k ohm
R555	119-5621-15	1/10W 5.6k ohm
R556	119-1021-15	1/10W 1k ohm
R557	119-4731-15	1/10W 47k ohm

REF No.	PART No.	DESCRIPTION
R558	119-1031-15	1/10W 10k ohm
R568	119-4731-15	1/10W 47k ohm
R570	119-4731-15	1/10W 47k ohm
R572	119-4731-15	1/10W 47k ohm
R573	119-4731-15	1/10W 47k ohm
R701	116-1211-15	1/4W 120 ohm
R702	116-6801-15	1/4W 68 ohm
R703	119-2231-15	1/10W 22k ohm
R704	119-2231-15	1/10W 22k ohm
R711	116-2221-15	1/4W 2.2k ohm
R712	117-1031-15	1/8W 10k ohm
R713	116-2221-15	1/4W 2.2k ohm
R714	119-1031-15	1/10W 10k ohm
R715	119-3321-15	1/10W 3.3k ohm
R726	119-1021-15	1/10W 1k ohm
R731	116-5621-15	1/4W 5.6k ohm
R732	116-4721-15	1/4W 4.7k ohm
R761	032-0092-56	1/8W 22k ohm F
R762	032-0092-31	1/8W 150k ohm F
R763	032-0092-51	1/8W 1k ohm F
R764	119-1221-15	1/10W 1.2k ohm
R771	119-0000-05	1/10W 0 ohm JW
R772	119-2231-15	1/10W 22k ohm
R773	116-1021-15	1/4W 1k ohm
R774	119-2231-15	1/10W 22k ohm
R779	116-1821-15	1/4W 1.8k ohm
R780	117-1821-15	1/8W 1.8k ohm
R781	119-0000-05	1/10W 0 ohm JW
R793	119-0000-05	1/10W 0 ohm JW
R801	119-0000-05	1/10W 0 ohm JW
R802	119-0000-05	1/10W 0 ohm JW
R821	116-1031-15	1/4W 10k ohm
R822	119-3321-15	1/10W 3.3k ohm
R823	119-1031-15	1/10W 10k ohm
R824	116-2221-15	1/4W 2.2k ohm
R825	116-2221-15	1/4W 2.2k ohm
R826	119-8221-15	1/10W 8.2k ohm
R903	119-0000-05	1/10W 0 ohm JW
R905	119-0000-05	1/10W 0 ohm JW
SUP101	060-0122-20	DSP-141N-SOOB
TC121	004-1580-10	30pF GRN
TH711	002-0318-21	THERMISTOR
TM101	073-0762-90	TERMINAL
TM501	073-0762-90	TERMINAL
TM502	073-0762-90	TERMINAL
TM801	073-0762-90	TERMINAL
TM802	073-0762-90	TERMINAL
X121	061-1066-00	CRYSTAL 7.2M
X501	060-1533-90	CSTCE10M0G52-RO
PWB	039-3295-00	PWB(WITHOUT COMPONENTS)

Switch PWB section (B2)

REF No.	PART No.	DESCRIPTION
C901	168-1042-78	16V 0.1uF
C902	168-1042-78	16V 0.1uF
C903	168-1042-78	16V 0.1uF
C904	168-1042-78	16V 0.1uF
C905	168-1042-78	16V 0.1uF
C906	178-1052-78	1uF
D901	001-0580-90	1SS352
D902	001-0580-90	1SS352
D903	001-0580-90	1SS352
D904	001-0580-90	1SS352
D905	001-7094-91	VFR1112H-TR
D906	001-7094-91	VFR1112H-TR
D907	001-7094-91	VFR1112H-TR
D908	001-7094-91	VFR1112H-TR

REF No.	PART No.	DESCRIPTION
D909	001-7094-91	VFR1112H-TR
D910	001-7094-91	VFR1112H-TR
D911	001-7094-91	VFR1112H-TR
D912	001-7094-91	VFR1112H-TR
D913	001-7094-91	VFR1112H-TR
D914	001-0580-90	1SS352
D915	001-7094-91	VFR1112H-TR
D916	001-7094-91	VFR1112H-TR
D917	001-7094-91	VFR1112H-TR
D918	001-7094-91	VFR1112H-TR
D919	001-7094-91	VFR1112H-TR
D920	001-7094-91	VFR1112H-TR
D921	001-7094-91	VFR1112H-TR
D922	001-7094-91	VFR1112H-TR

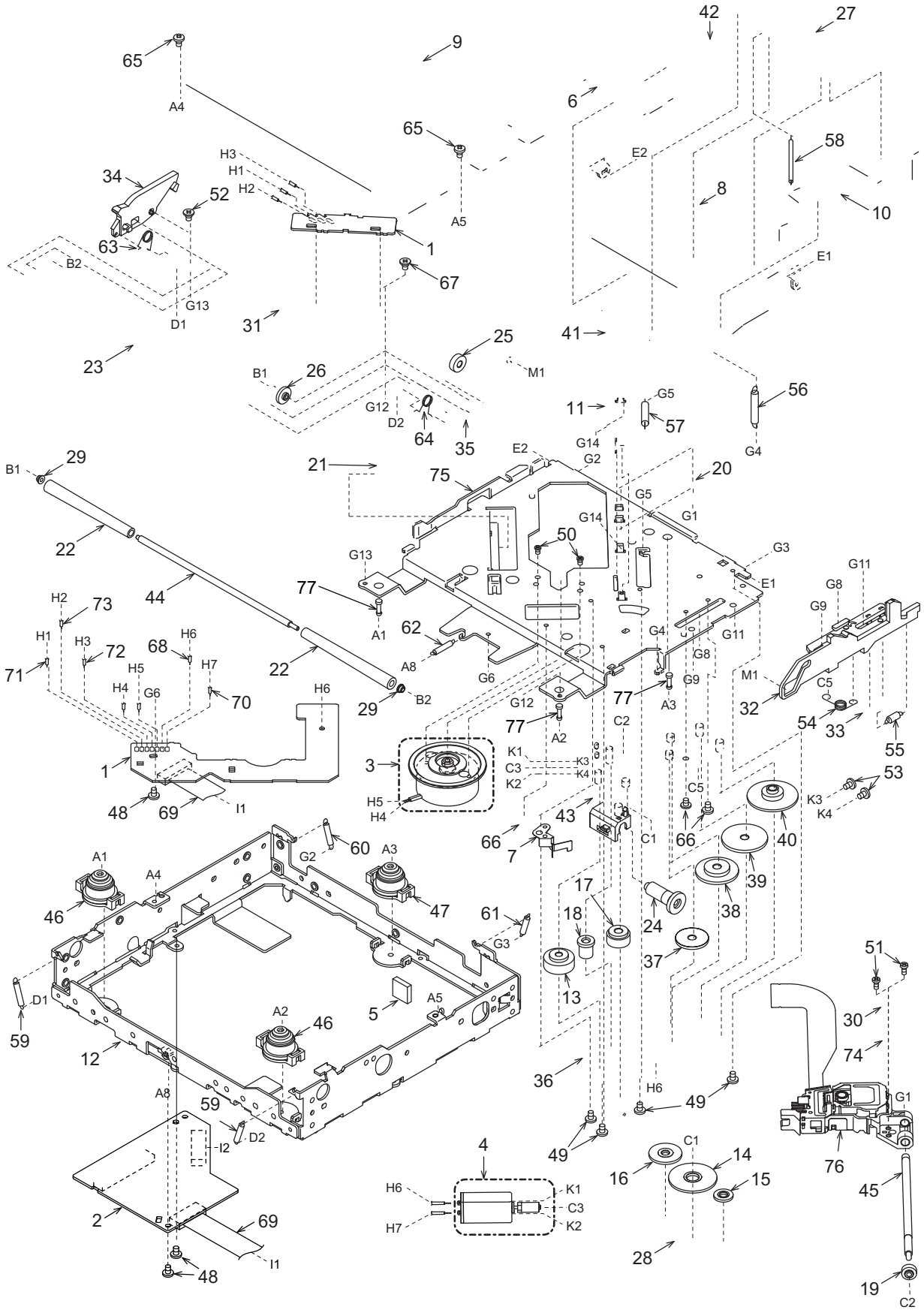
REF No.	PART No.	DESCRIPTION
D923	001-7094-91	VFR1112H-TR
IC901	051-6084-00	NJU6625FG1-03
J901	074-3013-74	24P
L901	010-3406-66	22uH J
LCD901	379-1412-80	INDICATOR(LCD)
PL901	017-0420-43	14V 40mA RED
PL902	017-0420-43	14V 40mA RED
PL903	017-0420-43	14V 40mA RED
PL904	017-0420-43	14V 40mA RED
PL905	017-0420-43	14V 40mA RED
PL907	017-0420-43	14V 40mA RED
PL908	017-0420-43	14V 40mA RED
R901	119-0000-05	1/10W 0 ohm JW
R902	119-0000-05	1/10W 0 ohm JW

REF No.	PART No.	DESCRIPTION
R907	119-0000-05	1/10W 0 ohm JW
R908	119-0000-05	1/10W 0 ohm JW
R909	119-0000-05	1/10W 0 ohm JW
R910	119-0000-05	1/10W 0 ohm JW
R915	119-0000-05	1/10W 0 ohm JW
R916	119-0000-05	1/10W 0 ohm JW
R918	119-4341-15	1/10W 430k ohm
R919	119-1021-15	1/10W 1k ohm
R920	119-1021-15	1/10W 1k ohm
R921	119-1841-15	1/10W 180k ohm
R922	119-1841-15	1/10W 180k ohm
R923	119-1841-15	1/10W 180k ohm
R924	119-1841-15	1/10W 180k ohm

REF No.	PART No.	DESCRIPTION
R925	119-2211-15	1/10W 220 ohm
R926	119-2211-15	1/10W 220 ohm
R927	119-2411-15	1/10W 240 ohm
R928	119-2211-15	1/10W 220 ohm
R929	119-2211-15	1/10W 220 ohm
R930	119-2411-15	1/10W 240 ohm
R931	119-2211-15	1/10W 220 ohm
R932	119-2211-15	1/10W 220 ohm
R933	119-2411-15	1/10W 240 ohm
R934	119-2211-15	1/10W 220 ohm
R935	119-2211-15	1/10W 220 ohm
R936	119-2411-15	1/10W 240 ohm
R937	119-2211-15	1/10W 220 ohm

REF No.	PART No.	DESCRIPTION
R938	119-2211-15	1/10W 220 ohm
R939	119-2411-15	1/10W 240 ohm
R940	119-0000-05	1/10W 0 ohm JW
R941	119-2211-15	1/10W 220 ohm
R942	119-2211-15	1/10W 220 ohm
R943	119-2411-15	1/10W 240 ohm
TH901	002-0315-00	TN10-3U153JT
VR901	016-0018-17	VR W/SHAFT
VR902	016-0018-17	VR W/SHAFT
PWB	039-3292-00	PWB(WITHOUT COMPONENTS)

EXPLODED VIEW/PARTS LIST



NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	SENSOR PWB	1
2	----------	CD PWB	1
3	SMA-182-100	SPINDLE MOTOR-ASSY	1
4	SMA-183-100	SLED MOTOR-ASSY	1
5	345-5476-20	CUSHION RUBBER	1
6	620-1023-23	CLAMPER PLATE	1
7	620-1026-21	SPRING PLATE	1
8	620-1596-23	CLAMPER LINK	1
9	620-1862-20	UPPER CHASSIS	1
10	620-1752-20	SENSOR ARM	1
11	620-1753-20	ID-LOCK PLATE	1
12	620-1868-20	LOWER CHASSIS	1
13	621-0608-21	SECOND GEAR	1
14	621-0609-20	BASE GEAR	1
15	621-0610-20	IDLE GEAR A	1
16	621-0611-20	IDLE GEAR B	1
17	621-0612-21	ROLLER GEAR A	1
18	621-0620-20	THREAD GEAR A	1
19	621-0621-20	THREAD GEAR B	1
20	621-0623-23	LS-HOLDER	1
21	621-0624-22	GUIDE RAIL	1
22	621-0711-21	LOADING ROLLER	2
23	621-0718-21	ROLLER GUIDE	1
24	621-0719-20	ROLLER GEAR B	1
25	621-0720-20	ROLLER GEAR C	1
26	621-0721-20	ROLLER GEAR D	1
27	621-0728-20	STOPPER LINK	1
28	621-1719-20	IDLE CASE	1
29	621-1726-20	ROLLER SLEEVE	2
30	621-1729-20	SH-BASE	1
31	621-1742-20	UPPER GUIDE	1
32	621-1743-20	SHIFT LEVER	1
33	621-1744-20	RACK	1
34	621-1745-20	LOCK ARM L	1
35	621-1746-20	LOCK ARM R	1
36	621-1747-20	GEAR COVER	1
37	621-1748-20	POWER GEAR A	1
38	621-1749-20	POWER GEAR B	1
39	621-1750-20	POWER GEAR C	1

NO.	PART NO.	DESCRIPTION	Q'TY
40	621-1751-20	POWER GEAR D	1
41	621-1752-20	DISC STOPPER	1
42	621-1753-20	CLAMPER RING	1
43	621-1754-20	GEAR BASE	1
44	622-1571-21	ROLLER SHAFT	1
45	624-0020-00	LEAD SCREW	1
46	629-0086-20	DAMPER F	2
47	629-0087-20	DAMPER R	1
48	716-1507-01	SCREW(M2x3)	3
49	716-1670-01	SCREW(M2x4)	4
50	716-1733-01	SCREW(M1.7x2.3)	2
51	716-3469-01	SCREW(1.7x4)	2
52	716-3473-01	SCREW(M2x3)	1
53	716-3551-00	SCREW(M1.4x2.5)	2
54	750-7865-20	SHIFT SPRING	1
55	750-7866-20	RACK SPRING	1
56	750-7867-20	CLAMPER SPRING	1
57	750-7868-20	ID-LOCK SPRING	1
58	750-7869-20	SENSOR SPRING	1
59	750-7870-20	DR-SPRING F	2
60	750-7871-20	DR-SPRING RA	1
61	750-7872-20	DR-SPRING RB	1
62	750-7873-20	DR-SPRING C	1
63	750-6797-20	ROLLER SPRING L	1
64	750-6798-20	ROLLER SPRING R	1
65	714-2003-8B	SCREW(M2x3)	2
66	780-2025-00	SCREW(M2x2.5)	3
67	781-1730-00	SCREW(M1.7x3)	1
68	803-4906-60	VINYL-COAT-WIRE(ORG)	1
69	816-2542-01	FLAT WIRE	1
70	816-2590-00	VINYL-COAT-WIRE(GRN)	1
71	816-2591-00	VINYL-COAT-WIRE(YEL)	1
72	816-2592-00	VINYL-COAT-WIRE(BLUE)	1
73	816-2593-00	VINYL-COAT-WIRE(PUR)	1
74	966-1722-20	SH-RACK-ASSY	1
75	620-1751-21	DRIVE-PLATE	1
76	969-0071-30	PICKUP-ASSY	1
77	622-1570-21	DAMPER PIN	3

ELECTRICAL PARTS LIST

CD PWB(BM1) section

REF No.	PART No.	DESCRIPTION
C2	178-1052-78	1uF
C3	042-0627-90	16V 100uF
C4	168-1042-78	16V 0.1uF
C6	178-1052-78	1uF
C7	042-0560-85	6.3V 100uF
C8	178-1052-78	1uF
C9	166-4711-50	470pF CH
C10	168-4732-78	0.047uF K
C11	166-4711-50	470pF CH
C12	168-4732-78	0.047uF K
C14	168-1042-78	16V 0.1uF
C15	166-1007-50	10pF CH
C16	166-1007-50	10pF CH
C17	168-1042-78	16V 0.1uF
C18	168-2222-55	2200pF K
C19	168-1042-78	16V 0.1uF
C20	168-1042-78	16V 0.1uF
C22	168-6822-55	6800pF K
C24	168-3332-78	0.033uF K
C25	168-3332-78	0.033uF K
C26	168-1042-78	16V 0.1uF
C28	168-1042-78	16V 0.1uF
C29	168-1042-78	16V 0.1uF
C30	168-1042-78	16V 0.1uF
C31	168-1042-78	16V 0.1uF
C33	168-1042-78	16V 0.1uF
C34	168-1042-78	16V 0.1uF
C35	168-5622-55	5600pF K
C36	168-1042-78	16V 0.1uF
C37	168-5622-55	5600pF K
C38	166-6801-50	68pF
C39	168-1042-78	16V 0.1uF
C40	168-1532-55	0.015uF K
C41	168-1042-78	16V 0.1uF
C42	168-1032-55	0.01uF K
C43	168-1042-78	16V 0.1uF
C44	168-1042-78	16V 0.1uF
C46	168-1522-55	1500pF K
C47	168-3322-55	3300pF K
C48	168-1032-55	0.01uF K
C49	168-1042-78	16V 0.1uF
C54	168-1532-55	0.015uF K
C55	168-1042-78	16V 0.1uF
C56	168-1042-78	16V 0.1uF
C58	166-6097-50	6pF CH
C59	166-4701-50	47pF CH
C60	168-1042-78	16V 0.1uF
C63	168-1042-78	16V 0.1uF
C64	042-1709-90	6.3V 47uF
C66	168-1042-78	16V 0.1uF

REF No.	PART No.	DESCRIPTION
C68	168-1042-78	16V 0.1uF
C69	042-1710-90	6.3V 100uF
C74	042-1709-90	6.3V 47uF
C75	168-1042-78	16V 0.1uF
C77	168-1042-78	16V 0.1uF
C78	168-1022-55	1000pF K
C79	168-1022-55	1000pF K
C80	042-0423-20	10V-10uF
C81	168-1042-78	16V 0.1uF
D1	001-1305-90	DAN217UT106
IC1	051-6733-10	TC94A70FG-005
IC2	051-6079-80	BA5830FM-E2
IC3	051-3395-90	NJU7780U1-15-TES
IC4	051-3396-90	NJM2386ADL3-33-TE1
J1	074-1138-65	SOCKET (15P)
J2	074-1138-60	SOCKET (10P)
J3	074-1205-88	SOCKET (38P)
L1	119-0000-05	1/10 0ohm JW
L2	119-0000-05	1/10 0ohm JW
L3	119-0000-05	1/10 0ohm JW
L4	010-3104-50	30ohm/100MHz
L5	010-3406-66	22uH J
Q1	131-1188-50	2SB1188 Q,R
Q1	190-2060-00	2SA2060-TE12L
Q2	198-3018-00	2SK3018
Q3	198-3018-00	2SK3018
Q4	192-4155-51	2SC4155A S,T
Q5	198-3018-00	2SK3018
Q6	192-4155-51	2SC4155A S,T
Q7	198-3018-00	2SK3018
Q8	198-3018-00	2SK3018
R1	119-2211-15	1/10W 220 ohm
R2	117-6811-15	1/8W 680 ohm
R3	117-0000-05	1/8W 0 ohm JW
R4	119-1001-15	1/10W 10 ohm
R5	119-2731-15	1/10W 27k ohm
R6	119-2731-15	1/10W 27k ohm
R7	119-2221-15	1/10W 2.2k ohm
R8	119-2731-15	1/10W 27k ohm
R9	119-2731-15	1/10W 27k ohm
R10	119-1051-15	1/10W 1M ohm
R11	119-2211-15	1/10W 220 ohm
R13	119-8231-15	1/10W 82k ohm
R14	119-1531-15	1/10W 15k ohm
R15	119-8231-15	1/10W 82k ohm
R16	119-4731-15	1/10W 47k ohm
R17	119-5121-15	1/10W 5.1k ohm
R18	119-1031-15	1/10W 10k ohm
R19	119-0000-05	1/10W 0 ohm JW

REF No.	PART No.	DESCRIPTION
R20	119-5121-15	1/10W 5.1k ohm
R21	119-1031-15	1/10W 10k ohm
R22	119-2231-15	1/10W 22k ohm
R23	119-5121-15	1/10W 5.1k ohm
R24	119-1031-15	1/10W 10k ohm
R25	119-1041-15	1/10W 100k ohm
R26	119-0000-05	1/10W 0 ohm JW
R27	119-4731-15	1/10W 47k ohm
R29	119-5621-15	1/10W 5.6k ohm
R30	119-2231-15	1/10W 22k ohm
R31	119-4731-15	1/10W 47k ohm
R32	119-3341-15	1/10W 330k ohm
R33	119-1041-15	1/10W 100k ohm
R34	119-1041-15	1/10W 100k ohm
R35	119-1041-15	1/10W 100k ohm
R36	119-1011-15	1/10W 100 ohm
R38	119-1041-15	1/10W 100k ohm
R39	119-0000-05	1/10W 0 ohm JW
R41	119-4721-15	1/10W 4.7k ohm
R42	119-4721-15	1/10W 4.7k ohm
R44	119-4731-15	1/10W 47k ohm
R45	119-1031-15	1/10W 1k ohm
R46	119-4731-15	1/10W 47k ohm
R47	119-4731-15	1/10W 47k ohm
R48	119-1031-15	1/10W 10k ohm
R49	119-1031-15	1/10W 10k ohm
R50	119-2211-15	1/10W 220 ohm
R51	119-1031-15	1/10W 10k ohm
R52	119-1031-15	1/10W 10k ohm
R53	119-2211-15	1/10W 220 ohm
R54	119-3331-15	1/10W 33k ohm
R55	119-4721-15	1/10W 4.7k ohm
R56	119-3331-15	1/10W 33k ohm
R57	119-4721-15	1/10W 4.7k ohm
R58	119-3331-15	1/10W 33k ohm
R59	119-4721-15	1/10W 4.7k ohm
R60	119-3331-15	1/10W 33k ohm
R61	119-4721-15	1/10W 4.7k ohm
R62	119-3331-15	1/10W 33k ohm
R63	119-4721-15	1/10W 4.7k ohm
R64	119-1051-15	1/10W 1M ohm
R65	119-4701-15	1/10W 47 ohm
R66	119-1051-15	1/10W 1M ohm
R68	119-1031-15	1/10W 10k ohm
TM1	073-0768-90	TERMINAL
X1	061-3534-90	16.92MHz
PWB	039-3205-01	PWB(WITHOUT COMPONENTS)

SENSOR PWB(BM2) section

REF No.	PART No.	DESCRIPTION
D1	001-7058-90	AN1105W-RR
D2	001-7058-90	AN1105W-RR
J1	074-1138-60	10P

REF No.	PART No.	DESCRIPTION
Q1	060-4015-91	PS1192HB-32-TR
Q2	060-4015-91	PS1192HB-32-TR
S1	013-7414-50	CHUCKING

REF No.	PART No.	DESCRIPTION
S2	013-7413-50	LIMIT
PWB	039-1944-21	PWB(WITHOUT COMPONENTS)