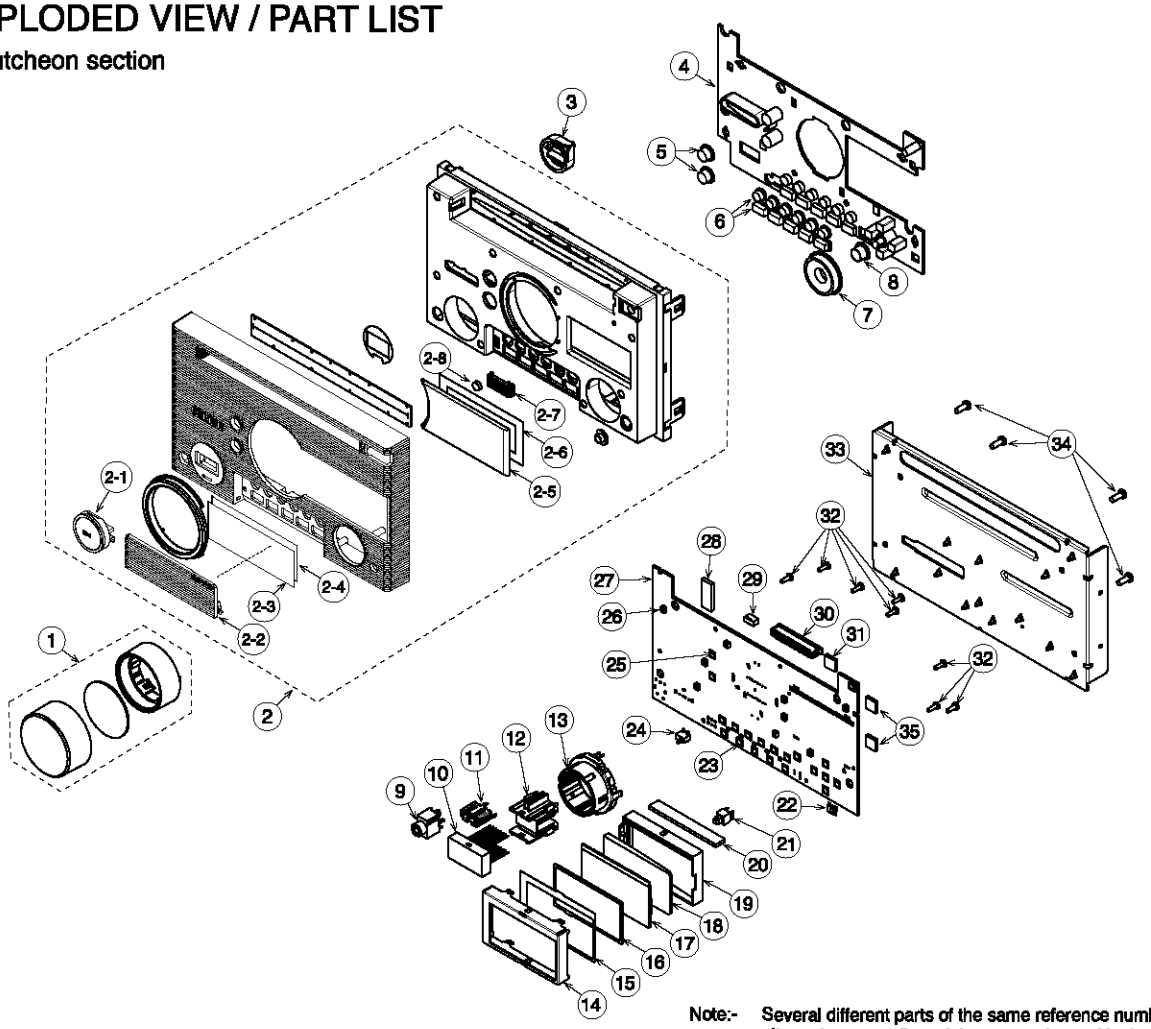
EXPLODED VIEW / PART LIST

Escutcheon section

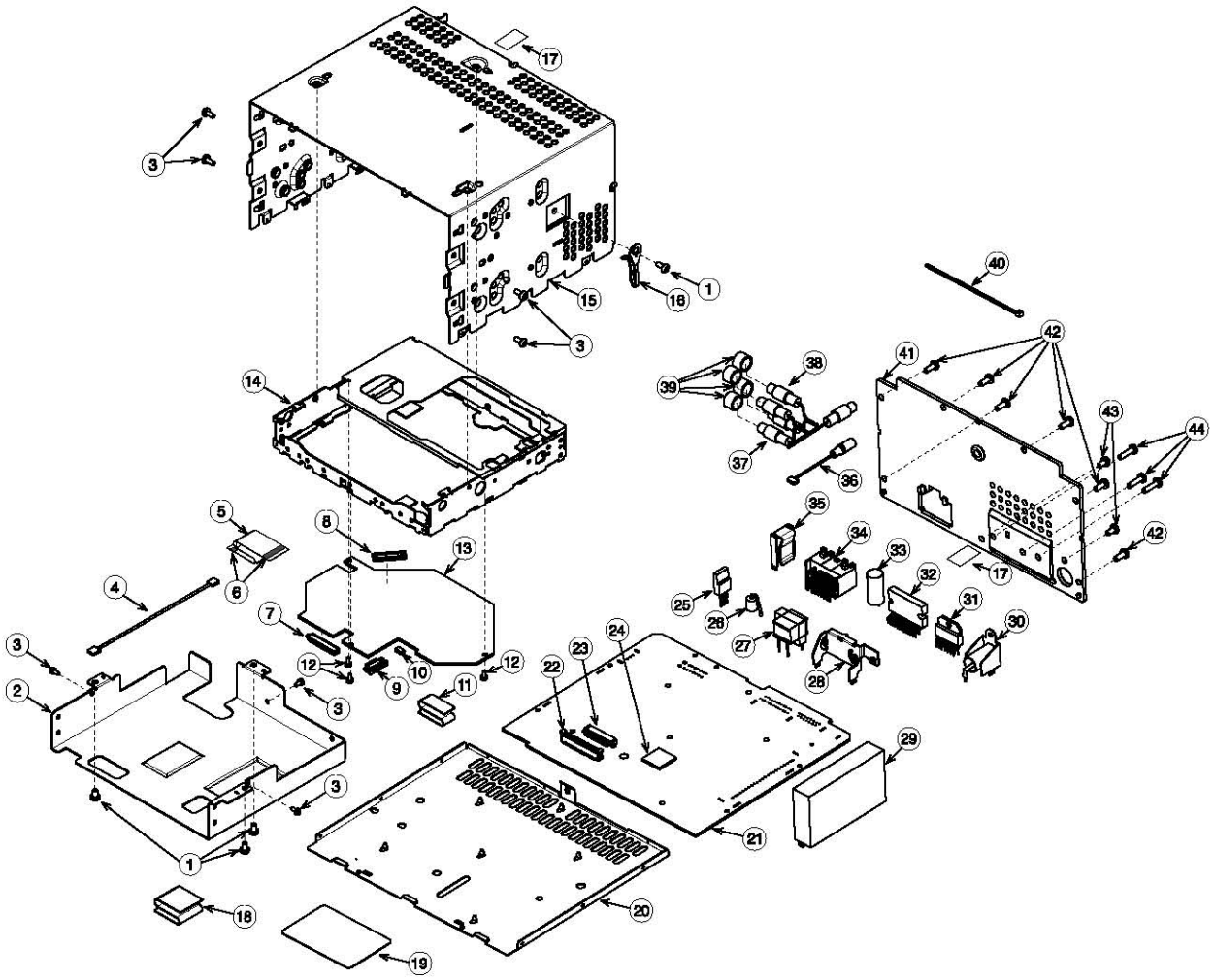


Note:- Several different parts of the same reference number are alternative parts. One of those parts is used in the set.

No.	PART No.	DESCRIPTION	Q'TY
1	947-0699-00	VOLUME KNOB	1
2	947-0704-00	ES-SUB-ASSY (PE-2979B-A)	1
	947-0705-00	ES-SUB-ASSY (PE-2974K-A)	1
	947-0706-00	ES-SUB-ASSY (PE-2975K-A)	1
2-1	947-0700-00	USB COVER	1
2-2	335-8152-00	BUTTON COVER	1
	335-8153-00	BUTTON COVER (PE-2974K-A)	1
2-3	347-8287-00	DOUBLE FACE-BC	1
2-4	331-4467-00	COVER SHEET	1
	331-4466-00	COVER SHEET (PE-2974K-A)	1
2-5	373-1152-00	DIAL COVER (PE-2979B-A)	1
	373-1155-00	DIAL COVER (PE-2974K-A)	1
	373-1156-00	DIAL COVER (PE-2975K-A)	1
2-6	347-8288-00	DOUBLE FACE-DC	1
2-7	382-8465-00	BUTTON EJECT	1
	382-8466-00	BUTTON EJECT (PE-2974K-A)	1
2-8	096-0181-00	MAGNET	1
3	335-8223-00	SLOT ILLUMI	1
4	345-6087-00	KEYPAD	1
5	382-8471-00	BUTTON SRC	1
6	382-8469-00	BUTTON PRESET	1
7	382-8467-00	BUTTON 5	1
8	382-8468-00	BUTTON ENT	1
9	075-0391-01	AUX CONNECTOR	1
	075-0391-00	AUX CONNECTOR (PE-2974K-A)	1
10	379-5020-30	3 DIGITS DISP (LED)	1

No.	PART No.	DESCRIPTION	Q'TY
11	074-4034-00	USB CONNECTOR	1
12	335-8161-00	DISP HOLDER	1
13	016-7004-00	ENCODER	1
14	331-4469-00	LCD COVER	1
15	347-8289-00	LCD PROTECTOR	1
16	347-8290-00	SHADE FILM	1
17	379-1393-40	INDICATOR (LCD)	1
18	335-8159-00	LCD ILLUMI	1
19	335-8160-00	LCD HOLDER	1
20	345-6127-00	ZEBRA CONNECTOR	1
21	013-4003-00	PUSH SWITCH	1
22	060-4017-90	IR RECEIVER	1
23	001-7819-90	LED	5
24	013-7201-50	DETECTOR SWITCH	1
25	013-6317-50	TACT SWITCH	20
26	001-7088-90	TRI COLOR LED	9
27	----------	SWITCH PWB	1
28	051-6092-90	IC	1
29	076-6015-50	OUTLET SOCKET	1
30	074-2502-78	FFC CONNECTOR	1
31	051-6013-50	IC	1
32	716-0778-50	WAVE SCREW (M2x6)	8
33	331-4468-00	REAR PLATE	1
34	702-3008-8B	TAP SCREW (M3x8)	4
35	331-4545-00	SHIELD CASE	2

Main section

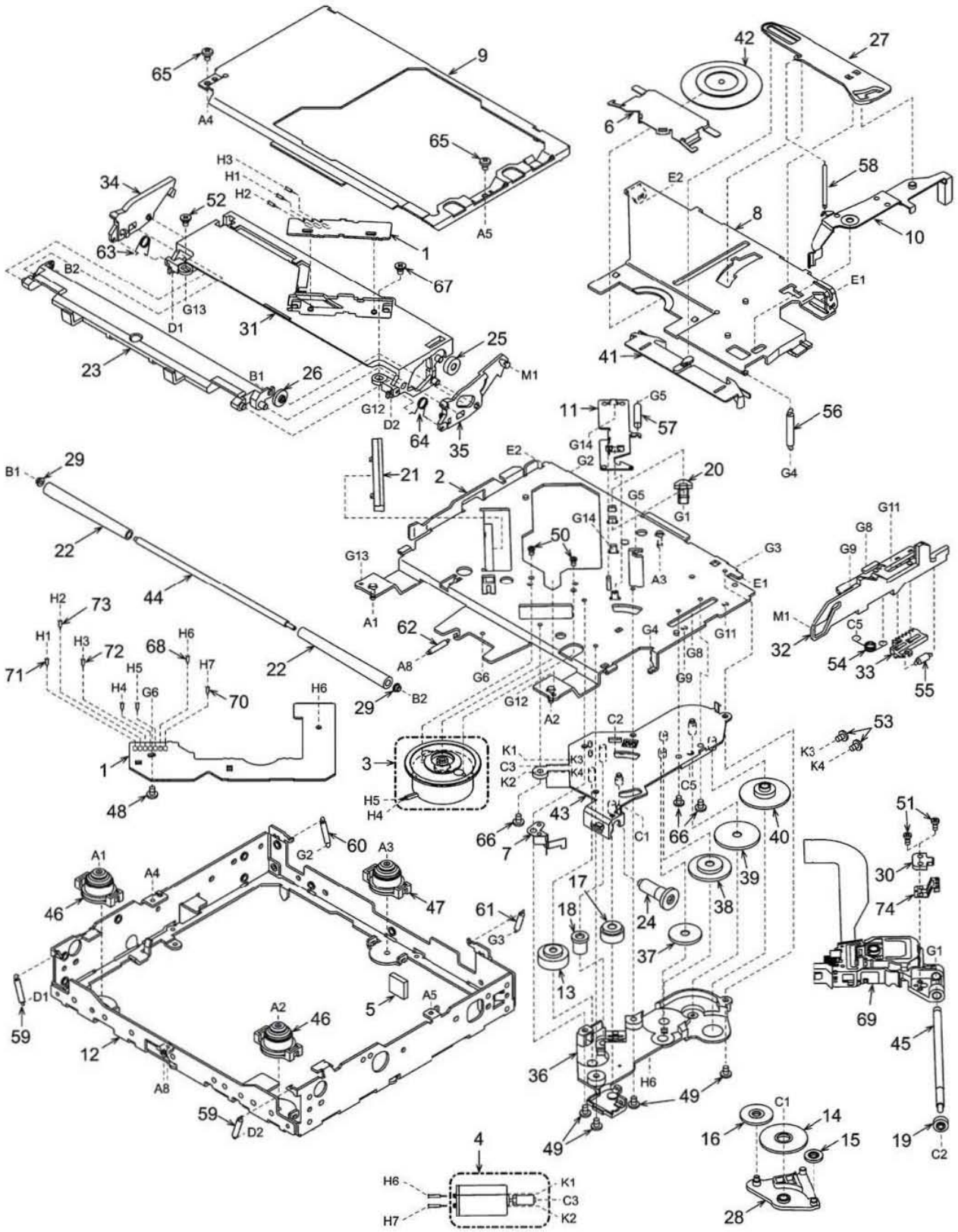


No.	PART No.	DESCRIPTION	Q'TY
1	731-3005-8B	TAPTIGHT (M3x5)	4
2	331-4363-00	MECH BRKT	1
3	714-2604-8B	MC SCREW (M2.6x4)	7
4	854-4616-60	USB CABLE	1
5	816-4048-60	FLAT WIRE_20P	1
6	331-4546-00	FERRITE SHIELD	2
7	074-1237-70	FPC CONN 20P	1
8	074-1138-66	FPC CONN 15P	1
9	074-1138-60	FPC CONN 10P	1
10	074-4022-05	WAFER 5P	1
11	816-4033-60	FLAT WIRE_10P	1
12	714-2004-8B	MC SCREW (M2x4)	3
13	----------	SUB BOARD	1
14	929-5011-80	CD MECHA MODULE	1
15	310-1867-00	UPPER CASE	1
16	840-0543-60	GROUND WIRE	1
17	290-6829-00	WARRANTY LABEL	2
18	816-4047-60	FLAT WIRE_28P	1
19	276-0261-00	SETPLATE (PE-2979B-A)	1
	276-0265-00	SETPLATE (PE-2974K-A)	1
	276-0266-00	SETPLATE (PE-2975K-A)	1
20	311-1848-03	LOWER CASE	1
21	----------	MAIN PWB	1

No.	PART No.	DESCRIPTION	Q'TY
22	074-2502-78	FFC CONNECTOR	1
23	074-1237-70	FFC CONNECTOR	1
24	052-3985-00	MICON	1
25	051-3379-00	IC	1
26	001-0592-61	DIODE	1
27	009-9006-60	CHOKE	1
28	331-3996-00	IC HOLDER	1
29	880-2093R	TUNER	1
30	092-4000-51	ANT-RECEPT	1
31	051-3349-00	IC	1
32	051-2057-00	POWER IC	1
33	042-1545-00	E-CAP	1
34	074-1214-00	OUTLET SOCKET	1
35	313-2002-00	IC HEAT SINK	1
36	885-0593-02	REMOTE EXT LEAD	1
37	855-5516-60	RCA CABLEx2P	1
38	855-8000-08	RCA CABLEx2P	1
39	345-3799-0L	RCA COVER	4
40	335-0833-01	CABLE TIE	1
41	313-2026-00	HEAT SINK	1
42	731-3008-8B	TAPTIGHT (M3x8)	6
43	714-3006-8B	MC SCREW (M3x6)	2
44	731-3012-8B	TAPTIGHT (M3x12)	3

EXPLODED VIEW / PARTS LIST

CD mechanism section 929-5011-80



No.	PART No.	DESCRIPTION	Q'TY
1	----------	SENSOR PWB	1
2	966-1743-21	DRIVE-PLT-ASSY	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	620-1598-22	UPPER CHASSIS	1
10	620-1752-20	SENSOR ARM	1
11	620-1753-20	ID-LOCK PLATE	1
12	620-1748-21	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	621-0711-20	LOADING ROLLER	2
23	621-0718-21	ROLLER GUIDE	1
24	621-0719-20	ROLLER GEAR	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

No.	PART No.	DESCRIPTION	Q'TY
38	621-1749-20	POWER GEAR B	1
39	621-1750-20	POWER GEAR C	1
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)	1
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	750-3467-21	SHIFT SPRING	1
55	750-3468-20	RACK SPRING	1
56	750-3469-20	CLAMPER SPRING	1
57	750-3470-20	ID-LOCK SPRING	1
58	750-3471-20	SENSOR SPRING	1
59	750-3472-21	DR-SPRING F	2
60	750-3473-20	DR-SPRING RA	1
61	750-3474-20	DR-SPRING RB	1
62	750-3475-21	DR-SPRING C	1
63	750-6797-20	ROLLER SPRING L	1
64	750-6798-20	ROLLER SPRING R	1
65	780-2003-01	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	969-0071-32	PICKUP-ASSY	1
70	816-2590-00	SPECIAL LEAD (GRN)	1
71	816-2591-00	SPECIAL LEAD (YEL)	1
72	816-2592-00	SPECIAL LEAD (BLUE)	1
73	816-2593-00	SPECIAL LEAD (PUR)	1
74	966-1722-20	SH-RACK-ASSY	1

ELECTRICAL PARTS LIST

Note:- Several different parts of the same reference number are alternative parts. One of those parts is used in the set.

Remarks:- #: For PE-2979B-A only @: For PE-2974K-A/PE-2975K-A only

Main PWB (B1) section

REF No.	PART No.	DESCRIPTION
ANT101	092-4000-51	ANT-RECEP
BL101	880-2093R	TUNER
C101	166-2201-50	50V 22pF
C102	166-2201-50	50V 22pF
C103	168-1032-55	50V 0.01pF
C104	168-1032-55	50V 0.01pF
C105	168-1032-55	50V 0.01pF
C106	042-1723-90	10V 100uF
C107	168-1042-78	50V 0.1uF
C108	168-1032-55	50V 0.01pF
C109	042-1722-90	10V 47uF
C110	042-1723-90	10V 100uF
C111	168-1032-55	50V 0.01pF
C112	168-6822-55	50V 6800pF
C113	168-2232-55	50V 0.022uF
C114	168-2232-55	50V 0.022uF
C116	168-4732-78	50V 0.047uF
C117	163-1053-65	50V 1uF
C118	168-1232-55	50V 0.012uF
C122	168-1042-78	50V 0.1uF
C123	168-1022-55	50V 1000pF
C125	166-1011-50	50V 100pF
C126	168-1022-55	50V 1000pF
C127	042-1722-90	10V 47uF
C128	168-1042-78	50V 0.1uF
C129	168-1032-55	50V 0.01pF
C130	168-1032-55	50V 0.01pF
C131	168-1032-55	50V 0.01pF#
C201	166-1501-50	50V 15pF
C202	178-4742-78	25V 0.47uF
C203	166-1501-50	50V 15pF
C204	168-1042-78	50V 0.1uF
C205	168-1042-78	50V 0.1uF
C206	168-1042-78	50V 0.1uF
C207	042-1730-90	6.3V 100uF
C208	042-1723-90	10V 100uF
C211	168-1022-55	50V 1000pF
C212	166-1011-50	50V 100pF
C213	166-1011-50	50V 100pF
C214	163-2273-25	10V 220uF
C220	168-1042-78	50V 0.1uF
C221	168-1042-78	50V 0.1uF
C222	163-2273-25	10V 220uF
C223	163-2273-25	10V 220uF
C224	168-1022-55	50V 1000pF
C225	168-1042-78	50V 0.1uF
C226	168-1042-78	50V 0.1uF
C227	168-1022-55	50V 1000pF
C228	166-1011-50	50V 100pF
C229	168-1022-55	50V 1000pF
C230	168-1042-78	50V 0.1uF
C231	166-1011-50	50V 100pF
C232	166-1011-50	50V 100pF
C233	166-1011-50	50V 100pF
C234	166-1011-50	50V 100pF
C235	166-1011-50	50V 100pF
C236	166-1011-50	50V 100pF
C237	166-1011-50	50V 100pF

REF No.	PART No.	DESCRIPTION
C238	166-1011-50	50V 100pF
C239	168-1032-55	50V 0.01pF#
C240	168-1022-55	50V 1000pF
C242	178-2242-78	25V 0.22uF
C501	163-2253-65	50V 2.2uF
C502	163-2253-65	50V 2.2uF
C503	163-2253-65	50V 2.2uF
C504	178-4742-78	25V 0.47uF
C505	168-1042-78	50V 0.1uF
C506	168-1042-78	50V 0.1uF
C507	168-2722-55	50V 2700pF
C509	042-1723-90	10V 100uF
C510	166-1011-50	50V 100pF
C511	163-2253-65	50V 2.2uF
C512	163-2253-65	50V 2.2uF
C513	163-2253-65	50V 2.2uF
C514	178-4742-78	25V 0.47uF
C515	168-1042-78	50V 0.1uF
C516	168-1042-78	50V 0.1uF
C517	168-2722-55	50V 2700pF
C520	163-1063-35	16V 10uF
C521	042-1723-90	10V 100uF
C531	042-1729-90	16V 1uF
C532	042-1729-90	16V 1uF
C580	166-4711-50	50V 470pF
C581	166-4711-50	50V 470pF
C582	166-4711-50	50V 470pF
C583	166-4711-50	50V 470pF
C584	163-1063-35	16V 10uF
C586	163-1063-35	16V 10uF
C587	163-1063-35	16V 10uF
C588	163-1063-35	16V 10uF
C589	163-1063-35	16V 10uF
C590	168-4732-78	50V 0.047uF
C591	163-1063-35	16V 10uF
C592	163-1063-35	16V 10uF
C593	166-4711-50	50V 470pF
C594	166-4711-50	50V 470pF
C596	166-4711-50	50V 470pF
C597	166-4711-50	50V 470pF
C598	163-1063-35	16V 10uF
C599	163-1063-35	16V 10uF
C601	166-1011-50	50V 100pF
C602	166-1011-50	50V 100pF
C603	166-1011-50	50V 100pF
C604	166-1011-50	50V 100pF
C609	178-4742-78	25V 0.47uF
C610	178-4742-78	25V 0.47uF
C611	178-4742-78	25V 0.47uF
C612	178-4742-78	25V 0.47uF
C613	168-1022-55	50V 1000pF
C614	168-1022-55	50V 1000pF
C615	168-1022-55	50V 1000pF
C616	168-1022-55	50V 1000pF
C617	168-1022-55	50V 1000pF
C618	168-1022-55	50V 1000pF
C619	168-1022-55	50V 1000pF
C620	168-1022-55	50V 1000pF
C621	168-1042-78	50V 0.1uF

REF No.	PART No.	DESCRIPTION
C623	163-1063-35	16V 10uF
C624	178-1055-79	25V 1uF
C626	163-3343-65	50V 0.33uF
C627	178-1055-79	25V 1uF
C628	163-2253-65	50V 2.2uF
C801	166-1011-50	50V 100pF
C802	168-1042-78	50V 0.1uF
C803	166-1011-50	50V 100pF
C804	168-1022-55	50V 1000pF
C805	166-1011-50	50V 100pF
C806	042-1722-90	10V 47uF
C807	168-1032-55	50V 0.01pF
C808	168-1022-55	50V 1000pF
C809	163-1053-65	50V 1uF
C810	168-1032-55	50V 0.01pF
C811	166-1501-50	50V 15pF
C812	166-1801-50	50V 18pF
C901	042-1545-00	16V 2200uF
C902	168-1042-78	50V 0.1uF
C903	042-1729-90	16V 1uF
C904	168-4745-79	50V 0.47uF
C905	042-1724-90	10V 470uF
C906	168-1042-78	50V 0.1uF
C907	168-1042-78	50V 0.1uF
C908	163-1053-65	50V 1uF
C909	168-1042-78	50V 0.1uF
C910	168-1042-78	50V 0.1uF
C912	042-1723-90	10V 100uF
C913	166-4701-50	50V 47pF
C914	166-4711-50	50V 470pF
C915	166-4701-50	50V 47pF
C916	168-1032-55	50V 0.01pF
C917	178-2242-78	25V 0.22uF
C918	178-2242-78	25V 0.22uF
C919	166-1011-50	50V 100pF
C920	042-1722-90	10V 47uF
C921	163-1063-35	16V 10uF
C922	166-1011-50	50V 100pF
C923	163-1063-35	16V 10uF
C924	178-4742-78	25V 0.47uF
C925	168-1042-78	50V 0.1uF
C926	042-1723-90	10V 100uF
C927	168-1042-78	50V 0.1uF
C928	168-1042-78	50V 0.1uF
C929	178-4742-78	25V 0.47uF
C930	166-1011-50	50V 100pF
C931	168-1042-78	50V 0.1uF
C932	168-1032-55	50V 0.01pF#
C933	168-1042-78	50V 0.1uF
C934	163-1063-35	16V 10uF
C935	163-1063-35	16V 10uF
C936	166-1011-50	50V 100pF
C937	042-1723-90	10V 100uF
C938	166-1011-50	50V 100pF
C939	168-1042-78	50V 0.1uF
C940	168-1042-78	50V 0.1uF
C941	163-1063-35	16V 10uF
C942	168-1022-55	50V 1000pF
D201	001-1310-00	KDS160

REF No.	PART No.	DESCRIPTION
D202	001-0529-32	MA8056M
D203	001-0529-32	MA8056M
D204	001-4902-91	HZM6.8MFA
D205	001-4902-91	HZM6.8MFA
D206	001-4902-91	HZM6.8MFA
D207	001-4902-91	HZM6.8MFA
D208	001-0529-46	MA8091L
D209	001-0529-35	MA8062M
D210	001-0529-35	MA8062M
D211	001-0529-35	MA8062M
D212	001-0529-35	MA8062M
D213	001-0529-35	MA8062M
D214	001-0529-35	MA8062M
D501	001-1310-00	KDS160
D901	001-0592-61	1N5404
D902	001-2415-90	U1GC44
D903	001-0529-32	MA8056M
D904	001-1310-00	KDS160
D905	001-0529-29	MA8051M
D907	001-1310-00	KDS160
D908	001-1310-00	KDS160
D913	001-2415-90	U1GC44
D914	001-2415-90	U1GC44
D915	001-1310-00	KDS160
D916	001-2415-90	U1GC44
D917	001-2415-90	U1GC44
IC201	052-3985-00	uPD78F0547GK
IC501	051-5033-90	PT2311
IC502	051-0350-93	NJM4558M
IC601	051-2057-00	TB2906HQ
IC801	051-6201-90	LC72146M
IC901	051-3349-00	HA13166
IC902	051-5413-09	S80824KNUA-D2B
IC903	051-3379-00	REG-IC
IC904	051-3522-90	REG-IC
J201	074-2502-78	28P
J202	074-1237-70	20P
J203	855-0593-02	3P
J501	855-8000-08	3P
J502	855-5516-60	3P
J901	074-1214-00	16P
JW102	119-0000-05	1/16W 0 ohm
JW104	119-0000-05	1/16W 0 ohm
JW106	119-0000-05	1/16W 0 ohm
JW202	119-0000-05	1/16W 0 ohm#
JW203	119-0000-05	1/16W 0 ohm@
JW204	119-0000-05	1/16W 0 ohm@
JW205	119-0000-05	1/16W 0 ohm#
JW208	119-0000-05	1/16W 0 ohm
JW209	119-0000-05	1/16W 0 ohm
JW211	119-0000-05	1/16W 0 ohm
JW212	119-0000-05	1/16W 0 ohm
JW213	119-0000-05	1/16W 0 ohm
JW214	119-0000-05	1/16W 0 ohm
JW215	119-0000-05	1/16W 0 ohm
JW220	119-0000-05	1/16W 0 ohm
JW226	119-0000-05	1/16W 0 ohm
JW501	119-0000-05	1/16W 0 ohm
JW502	119-0000-05	1/16W 0 ohm
JW901	119-0000-05	1/16W 0 ohm
JW903	060-0108-90	1/4W 0 ohm
JW909	117-0000-05	1/10W 0 ohm

REF No.	PART No.	DESCRIPTION
L101	010-2003-04	30uH
L102	010-3001-63	5.6uH
L103	010-3001-63	5.6uH
L201	010-3001-63	5.6uH
L202	010-3103-69	1K ohm/100MHz
L203	010-3103-69	1K ohm/100MHz
L204	010-3109-69	15 ohm/100MHz
L207	010-2285-57	1K ohm/100MHz
L208	010-3103-55	120 ohm/100MHz
L209	010-3109-52	60 ohm/100MHz
L211	010-3109-69	15 ohm/100MHz
L212	010-3109-69	15 ohm/100MHz
L213	010-3103-69	1K ohm/100MHz
L214	010-3103-69	1K ohm/100MHz
L215	010-3103-69	1K ohm/100MHz
L216	010-3103-69	1K ohm/100MHz
L217	010-3103-69	1K ohm/100MHz
L218	010-3103-69	1K ohm/100MHz
L219	010-3103-69	1K ohm/100MHz
L220	010-3103-69	1K ohm/100MHz
L221	010-3103-69	1K ohm/100MHz
L501	010-3105-62	1K ohm/100MHz
L502	010-3105-62	1K ohm/100MHz
L503	010-3105-62	1K ohm/100MHz
L504	010-3105-62	1K ohm/100MHz
L505	010-2285-57	1K ohm/100MHz
L506	010-2285-57	1K ohm/100MHz
L507	010-3001-63	5.6uH
L508	010-3001-63	5.6uH
L509	010-3001-63	5.6uH
L510	010-3001-63	5.6uH
L511	010-3001-63	5.6uH
L601	010-3001-63	5.6uH
L602	010-3001-63	5.6uH
L603	010-3001-63	5.6uH
L604	010-3001-63	5.6uH
L801	010-3407-78	220uH
L901	010-3001-63	5.6uH
L902	010-2285-57	1K ohm/100MHz
L903	010-2285-57	1K ohm/100MHz
L904	010-3001-63	5.6uH
L905	010-3001-63	5.6uH
L907	010-3001-63	5.6uH
Q101	125-2199-93	KRC103S
Q102	125-0199-98	KRA118S
Q103	125-0199-93	KRA103S
Q106	125-4013-90	KTC4375
Q592	125-2199-92	KRC102S
Q593	125-2199-92	KRC102S
Q594	125-0199-92	KRA102S
Q595	133-1306-00	2SD1306
Q596	133-1306-00	2SD1306
Q597	133-1306-00	2SD1306
Q598	133-1306-00	2SD1306
Q901	125-4010-90	KTC3875GR
Q902	125-3011-90	KTA1663
Q904	125-2199-92	KRC102S
Q905	125-2199-92	KRC102S
Q906	125-3011-90	KTA1663
Q909	125-3011-90	KTA1663
Q910	125-3011-90	KTA1663
Q911	125-0199-93	KRA103S

REF No.	PART No.	DESCRIPTION
Q912	125-4010-90	KTC3875GR
Q914	125-2199-92	KRC102S
Q917	125-3011-90	KTA1663
Q918	125-3011-90	KTA1663
Q919	125-3011-90	KTA1663
Q920	125-2199-92	KRC102S
R101	119-2221-15	1/16W 2.2K ohm
R102	119-1011-15	1/16W 100 ohm
R103	119-2221-15	1/16W 2.2K ohm
R104	119-4741-15	1/16W 470K ohm
R105	119-1021-15	1/16W 1K ohm
R106	119-1831-15	1/16W 18K ohm
R117	119-4721-15	1/16W 4.7K ohm
R121	119-3311-15	1/16W 330 ohm
R201	119-1031-15	1/16W 10K ohm
R202	119-1021-15	1/16W 1K ohm
R203	119-1041-15	1/16W 100K ohm
R204	119-1041-15	1/16W 100K ohm
R205	119-2231-15	1/16W 22K ohm
R206	119-2231-15	1/16W 22K ohm
R207	119-1041-15	1/16W 100K ohm
R208	119-1041-15	1/16W 100K ohm
R209	119-4731-15	1/16W 47K ohm
R210	119-1031-15	1/16W 10K ohm
R211	119-2221-15	1/16W 2.2K ohm
R212	119-2221-15	1/16W 2.2K ohm
R213	119-2221-15	1/16W 2.2K ohm
R214	119-2221-15	1/16W 2.2K ohm
R215	119-1031-15	1/16W 10K ohm
R216	119-1031-15	1/16W 10K ohm
R217	119-4731-15	1/16W 47K ohm
R218	119-1041-15	1/16W 100K ohm
R219	119-1031-15	1/16W 10K ohm
R220	119-1231-15	1/16W 12K ohm
R221	119-1021-15	1/16W 1K ohm
R222	119-1021-15	1/16W 1K ohm
R223	119-1031-15	1/16W 10K ohm
R501	119-8221-15	1/16W 8.2K ohm
R502	119-8221-15	1/16W 8.2K ohm
R503	119-5621-15	1/16W 5.6K ohm
R504	119-1031-15	1/16W 10K ohm
R505	119-1231-15	1/16W 12K ohm
R511	119-2221-15	1/16W 2.2K ohm
R512	119-2221-15	1/16W 2.2K ohm
R513	119-5621-15	1/16W 5.6K ohm
R531	119-2231-15	1/16W 22K ohm
R532	119-2231-15	1/16W 22K ohm
R576	119-3331-15	1/16W 33K ohm
R577	119-1011-15	1/16W 100 ohm
R578	119-1041-15	1/16W 100K ohm
R579	119-1041-15	1/16W 100K ohm
R580	119-4731-15	1/16W 47K ohm
R581	119-4731-15	1/16W 47K ohm
R582	119-4731-15	1/16W 47K ohm
R583	119-3331-15	1/16W 33K ohm
R584	119-3331-15	1/16W 33K ohm
R585	119-3331-15	1/16W 33K ohm
R586	119-4721-15	1/16W 4.7K ohm
R587	119-1031-15	1/16W 10K ohm
R588	119-1031-15	1/16W 10K ohm
R589	119-3311-15	1/16W 330 ohm
R590	119-3311-15	1/16W 330 ohm

REF No.	PART No.	DESCRIPTION
R591	119-5621-15	1/16W 5.6K ohm
R592	119-5621-15	1/16W 5.6K ohm
R593	119-5621-15	1/16W 5.6K ohm
R594	119-5621-15	1/16W 5.6K ohm
R595	119-3311-15	1/16W 330 ohm
R596	119-3311-15	1/16W 330 ohm
R597	119-1031-15	1/16W 10K ohm
R598	119-4731-15	1/16W 47K ohm
R599	119-1031-15	1/16W 10K ohm
R601	119-3901-15	1/16W 39 ohm
R602	119-3901-15	1/16W 39 ohm
R603	119-3901-15	1/16W 39 ohm
R604	119-3901-15	1/16W 39 ohm
R605	119-2221-15	1/16W 2.2K ohm
R606	119-2221-15	1/16W 2.2K ohm
R607	119-2221-15	1/16W 2.2K ohm
R608	119-2221-15	1/16W 2.2K ohm
R609	119-1231-15	1/16W 12K ohm
R610	119-4731-15	1/16W 47K ohm

REF No.	PART No.	DESCRIPTION
R611	119-1231-15	1/16W 12K ohm
R801	119-1021-15	1/16W 1K ohm
R802	119-5631-15	1/16W 56K ohm
R803	119-2221-15	1/16W 2.2K ohm
R804	119-1021-15	1/16W 1K ohm
R810	119-1031-15	1/16W 10K ohm
R902	119-1031-15	1/16W 10K ohm
R903	119-5631-15	1/16W 56K ohm
R904	119-8231-15	1/16W 82K ohm
R905	119-1031-15	1/16W 10K ohm
R908	119-1241-15	1/16W 120K ohm
R909	119-6811-15	1/16W 680 ohm
R911	119-1221-15	1/16W 1.2K ohm
R912	119-4721-15	1/16W 4.7K ohm
R913	119-2241-15	1/16W 220K ohm
R914	119-2241-15	1/16W 220K ohm
R916	119-1031-15	1/16W 10K ohm
R917	119-8211-15	1/16W 820 ohm
R918	119-1041-15	1/16W 100K ohm

REF No.	PART No.	DESCRIPTION
R919	119-4721-15	1/16W 4.7K ohm
R920	119-4731-15	1/16W 47K ohm
R921	116-2291-15	1/4W 2.2 ohm
R922	032-0181-00	1/2W 1.5 ohm
R923	116-2291-15	1/4W 2.2 ohm
R925	119-8211-15	1/16W 820 ohm
R926	119-1831-15	1/16W 18K ohm
R928	032-0181-00	1/2W 1.5 ohm
R929	119-1031-15	1/16W 10K ohm
R930	119-8221-15	1/16W 8.2K ohm
R939	119-1231-15	1/16W 12K ohm
SUP101	060-0122-20	DSP-141N-S00B
T901	009-9006-60	CHOKE
X201	061-9209-90	12MHz
X801	061-9208-90	7.2MHz
PWB	039-3031-01	PWB (WITHOUT COMPONENT)

Switch PWB (B2) section

REF No.	PART No.	DESCRIPTION
C1	168-1022-55	50V 1000pF
C2	168-1042-78	50V 0.1uF
C3	042-1728-90	16V 10uF
C4	168-4732-78	50V 0.047uF
C5	168-4732-78	50V 0.047uF
C6	168-4732-78	50V 0.047uF
C9	042-1730-90	6.3V 100uF
C12	168-1042-78	50V 0.1uF
C13	042-1730-90	6.3V 100uF
C14	168-1042-78	50V 0.1uF
C15	168-1042-78	50V 0.1uF
C16	168-1042-78	50V 0.1uF
C17	178-1055-79	25V 1uF
C18	178-1055-79	25V 1uF
C19	178-1055-79	25V 1uF
C20	178-1055-79	25V 1uF
C21	178-1055-79	25V 1uF
C22	178-1055-79	25V 1uF
C23	168-1042-78	50V 0.1uF
C25	168-1042-78	50V 0.1uF
C26	166-1011-50	50V 100pF
C27	166-1011-50	50V 100pF
C28	042-1728-90	16V 10uF
C29	042-1728-90	16V 10uF
C30	042-1728-90	16V 10uF
C31	042-1728-90	16V 10uF
C32	042-1728-90	16V 10uF
C33	042-1728-90	16V 10uF
C34	042-1728-90	16V 10uF
C35	166-1011-50	50V 100pF
C36	166-1011-50	50V 100pF
C37	166-1011-50	50V 100pF
C38	168-1042-78	50V 0.1uF
C39	168-1042-78	50V 0.1uF
C41	042-1730-90	6.3V 100uF

REF No.	PART No.	DESCRIPTION
C42	168-1042-78	50V 0.1uF
C43	042-1730-90	6.3V 100uF
C44	042-1730-90	6.3V 100uF
CON2	074-4022-05	USB-5P
D1	001-7088-90	LED
D2	001-7088-90	LED
D3	001-7088-90	LED
D4	001-7088-90	LED
D5	001-7088-90	LED
D6	001-7088-90	LED
D7	001-7088-90	LED
D9	001-7088-90	LED
D10	001-7088-90	LED
D12	001-4902-91	HZM6.8MFA
D13	001-4902-91	HZM6.8MFA
D14	001-0529-41	MA8075M
D15	001-4902-91	HZM6.8MFA
D16	001-7819-90	LED
D17	001-7819-90	LED
D18	001-0529-53	MA8110M
D19	001-7819-90	LED
D20	001-0529-29	MA8051M
D21	379-5020-30	3 DIGITS DISP
D23	001-0529-53	MA8110M
D24	001-0529-32	MA8056M
D38	001-0529-41	MA8075M
D39	001-7819-90	LED
D40	001-7819-90	LED
IC1	051-6013-50	PT6554LQ
IC2	051-6092-90	PT6959
IC3	051-6093-90	AAT3129
IC4	051-6093-90	AAT3129
IR1	060-4017-90	RS-671
J2	074-2502-78	28P
J3	074-4034-00	4P

REF No.	PART No.	DESCRIPTION
JACK1	075-0391-01	5P
L1	010-3001-63	5.6uH
L2	010-3001-63	5.6uH
L6	010-2285-57	1k ohm/100MHz
L7	010-3001-63	5.6uH
L8	010-3001-63	5.6uH
L22	010-3001-63	5.6uH
LCD1	379-1393-40	INDICATOR (LCD)
Q7	125-4017-90	KTC4378
Q12	125-3011-90	KTA1663
R1	117-2701-15	1/8W 27 ohm
R2	117-2701-15	1/8W 27 ohm
R3	117-6801-15	1/8W 68 ohm
R4	117-2701-15	1/8W 27 ohm
R6	117-2701-15	1/8W 27 ohm
R7	117-6801-15	1/8W 68 ohm
R8	117-2701-15	1/8W 27 ohm
R9	117-2701-15	1/8W 27 ohm
R11	117-6801-15	1/8W 68 ohm
R12	117-2701-15	1/8W 27 ohm
R13	117-2701-15	1/8W 27 ohm
R14	117-6801-15	1/8W 68 ohm
R15	117-2701-15	1/8W 27 ohm
R16	117-2701-15	1/8W 27 ohm
R24	119-1011-15	1/16W 100 ohm
R26	117-6801-15	1/8W 68 ohm
R30	117-2701-15	1/8W 27 ohm
R31	117-2701-15	1/8W 27 ohm
R32	117-6801-15	1/8W 68 ohm
R33	117-2701-15	1/8W 27 ohm
R34	117-2701-15	1/8W 27 ohm
R35	117-6801-15	1/8W 68 ohm
R36	117-2701-15	1/8W 27 ohm
R37	117-2701-15	1/8W 27 ohm

REF No.	PART No.	DESCRIPTION
R38	117-6801-15	1/8W 68 ohm
R40	117-2701-15	1/8W 27 ohm
R41	117-2701-15	1/8W 27 ohm
R42	117-6801-15	1/8W 68 ohm
R43	119-1811-15	1/16W 180 ohm
R44	119-1011-15	1/16W 100 ohm
R45	119-1011-15	1/16W 100 ohm
R46	119-3921-15	1/16W 3.9K ohm
R47	119-1241-15	1/16W 120K ohm
R48	119-1021-15	1/16W 1K ohm
R49	119-1011-15	1/16W 100 ohm
R50	119-1011-15	1/16W 100 ohm
R51	119-1031-15	1/16W 10K ohm
R52	119-4731-15	1/16W 47K ohm
R53	119-5131-15	1/16W 51K ohm
R54	119-3311-15	1/16W 330 ohm
R55	119-1031-15	1/16W 10K ohm
R56	119-1811-15	1/16W 180 ohm

REF No.	PART No.	DESCRIPTION
R57	119-1011-15	1/16W 100 ohm
R58	119-1501-15	1/16W 15 ohm
R59	119-1501-15	1/16W 15 ohm
R62	119-1811-15	1/16W 180 ohm
R69	119-1041-15	1/16W 100K ohm
R73	119-1041-15	1/16W 100K ohm
R74	119-1811-15	1/16W 180 ohm
R75	119-1811-15	1/16W 180 ohm
R76	119-1531-15	1/16W 15K ohm
R77	119-2211-15	1/16W 220 ohm
S1	013-6317-50	TACT SWITCH
S2	013-6317-50	TACT SWITCH
S3	013-6317-50	TACT SWITCH
S4	013-6317-50	TACT SWITCH
S5	013-6317-50	TACT SWITCH
S6	013-6317-50	TACT SWITCH
S7	013-6317-50	TACT SWITCH
S8	013-6317-50	TACT SWITCH

REF No.	PART No.	DESCRIPTION
S9	013-6317-50	TACT SWITCH
S10	013-6317-50	TACT SWITCH
S11	013-6317-50	TACT SWITCH
S12	013-6317-50	TACT SWITCH
S13	013-6317-50	TACT SWITCH
S14	013-6317-50	TACT SWITCH
S15	013-6317-50	TACT SWITCH
S16	013-6317-50	TACT SWITCH
S17	013-6317-50	TACT SWITCH
S18	013-6317-50	TACT SWITCH
S19	013-6317-50	TACT SWITCH
S20	013-4003-00	PUSH SWITCH
S21	013-6317-50	TACT SWITCH
S23	013-7201-50	DETECTOR SWITCH
VR1	016-7004-00	ENCODER
PWB	039-3032-00	PWB (WITHOUT COMPONENT)

Sub board PWB (B3) section

REF No.	PART No.	DESCRIPTION
BD2	119-0000-05	1/16W 0 ohm
BD3	119-1001-15	1/16W 10 ohm
BD4	119-1001-15	1/16W 10 ohm
C1	168-1045-56	50V 0.1uF
C2	168-1045-56	50V 0.1uF
C3	168-1045-56	50V 0.1uF
C4	168-1045-56	50V 0.1uF
C5	168-1045-56	50V 0.1uF
C6	168-1045-56	50V 0.1uF
C7	168-1045-56	50V 0.1uF
C8	168-1045-56	50V 0.1uF
C9	168-1045-56	50V 0.1uF
C10	168-1045-56	50V 0.1uF
C11	168-1045-56	50V 0.1uF
C12	168-1045-56	50V 0.1uF
C13	168-1045-56	50V 0.1uF
C14	168-1045-56	50V 0.1uF
C15	168-1045-56	50V 0.1uF
C16	168-1045-56	50V 0.1uF
C17	168-1045-56	50V 0.1uF
C18	168-1045-56	50V 0.1uF
C19	168-1045-56	50V 0.1uF
C21	168-1522-55	50V 1500pF
C22	166-2201-50	50V 22pF
C23	166-1007-50	50V 10pF
C24	168-1045-56	50V 0.1uF
C25	166-5611-50	50V 560pF
C26	168-1032-55	50V 0.01uF
C27	168-1522-55	50V 1500pF
C28	168-1522-55	50V 1500pF
C29	168-1522-55	50V 1500pF
C30	166-3096-50	50V 3pF
C31	166-2096-50	50V 2pF
C32	168-1045-56	50V 0.1uF
C33	168-1045-56	50V 0.1uF
C34	168-1045-56	50V 0.1uF

REF No.	PART No.	DESCRIPTION
C35	168-1045-56	50V 0.1uF
C36	168-1045-56	50V 0.1uF
C37	168-1042-78	50V 0.01uF
C38	168-1045-56	50V 0.1uF
C39	168-1045-56	50V 0.1uF
C40	168-1045-56	50V 0.1uF
C41	166-3301-50	50V 33pF
C42	166-3301-50	50V 33pF
C43	168-1045-56	50V 0.1uF
C44	168-1032-55	50V 0.01uF
C45	168-1045-56	50V 0.1uF
C46	168-1045-56	50V 0.1uF
C47	168-1045-56	50V 0.1uF
C48	168-1045-56	50V 0.1uF
C49	168-1045-56	50V 0.1uF
C50	166-1007-50	50V 10pF
C52	168-1032-55	50V 0.01uF
C54	168-1045-56	50V 0.1uF
C55	166-3301-50	50V 33pF
C56	166-3301-50	50V 33pF
C57	168-1045-56	50V 0.1uF
C58	166-1011-50	50V 100pF
C60	166-1011-50	50V 100pF
C64	168-1045-56	50V 0.1uF
C65	166-3611-50	50V 360pF
C66	166-2201-50	50V 22pF
C67	166-2201-50	50V 22pF
C68	166-2201-50	50V 22pF
C69	166-2201-50	50V 22pF
C71	168-1032-55	50V 0.01pF
C72	168-1032-55	50V 0.01pF
C75	168-1045-56	50V 0.1uF
C76	166-1011-50	50V 100pF
C77	168-1022-55	50V 1000pF
C78	166-1011-50	50V 100pF
C79	168-1022-55	50V 1000pF

REF No.	PART No.	DESCRIPTION
C80	168-2242-58	50V 0.22uF
C81	168-1045-56	50V 0.1uF
C82	168-1045-56	50V 0.1uF
C83	168-1045-56	50V 0.1uF
C84	168-1045-56	50V 0.1uF
C85	168-1045-56	50V 0.1uF
C86	168-1045-56	50V 0.1uF
C87	168-1045-56	50V 0.1uF
C88	168-1045-56	50V 0.1uF
C89	168-1045-56	50V 0.1uF
C90	168-1045-56	50V 0.1uF
C91	168-1045-56	50V 0.1uF
C96	168-1045-56	50V 0.1uF
C97	168-4745-56	50V 0.47uF
C99	168-1022-55	50V 1000pF
CON2	074-4022-05	USB5P
EC1	042-1730-90	50V 100uF
EC2	042-1728-90	16V 10uF
EC3	042-1723-90	10V 100uF
EC4	042-1730-90	50V 100uF
EC5	042-1728-90	16V 10uF
EC6	042-1728-90	16V 10uF
EC8	042-1728-90	16V 10uF
EC11	042-0423-94	10V 4.7uF
EC12	042-0423-94	10V 4.7uF
EC15	042-1728-90	16V 10uF
EC16	042-1728-90	16V 10uF
EC17	042-1728-90	16V 10uF
EC20	042-1728-90	16V 10uF
J1	074-1138-66	15P
J2	074-1138-60	10P
J5	074-1237-70	20P
Q1	125-2199-93	KRC103S
Q2	125-3004-90	KTA1504
Q3	125-0199-93	KRA103S
Q4	125-2199-93	KRC103S

Q5	125-3011-90	KTA1663
R2	119-4721-15	1/16W 4.7K ohm
R3	119-4721-15	1/16W 4.7K ohm
R4	119-4721-15	1/16W 4.7K ohm
R5	119-0000-05	1/16W 0 ohm
R6	119-0000-05	1/16W 0 ohm
R7	119-1031-15	1/16W 10K ohm
R8	119-1031-15	1/16W 10K ohm
R9	119-1031-15	1/16W 10K ohm
R10	119-1031-15	1/16W 10K ohm
R11	119-1031-15	1/16W 10K ohm
R12	119-1031-15	1/16W 10K ohm
R13	119-5121-15	1/16W 5.1K ohm
R14	119-1031-15	1/16W 10K ohm
R15	119-1031-15	1/16W 10K ohm
R16	119-1031-15	1/16W 10K ohm
R17	119-1031-15	1/16W 10K ohm
R18	119-1031-15	1/16W 10K ohm
R19	119-1031-15	1/16W 10K ohm
R20	119-5121-15	1/16W 5.1K ohm
R21	119-1221-15	1/16W 1.2K ohm
R22	119-1221-15	1/16W 1.2K ohm
R23	119-1031-15	1/16W 10K ohm
R24	119-1031-15	1/16W 10K ohm
R25	119-1031-15	1/16W 10K ohm
R26	119-1591-15	1/16W 1.5 ohm
R27	119-1591-15	1/16W 1.5 ohm
R28	119-0000-05	1/16W 0 ohm
R29	119-1031-15	1/16W 10K ohm
R30	119-1031-15	1/16W 10K ohm
R31	119-1031-15	1/16W 10K ohm
R32	119-1031-15	1/16W 10K ohm
R33	119-6801-15	1/16W 68 ohm
R34	119-2031-15	1/16W 20K ohm
R35	119-2031-15	1/16W 20K ohm
R36	119-1021-15	1/16W 1K ohm
R37	119-3331-15	1/16W 33K ohm
R39	119-1001-15	1/16W 10 ohm
R40	119-3331-15	1/16W 33K ohm
R42	119-3091-15	1/16W 3 ohm

R43	119-3091-15	1/16W 3 ohm
R44	119-3331-15	1/16W 33K ohm
R45	119-4731-15	1/16W 47K ohm
R46	119-4721-15	1/16W 4.7K ohm
R48	119-1051-15	1/16W 1M ohm
R50	119-7521-15	1/16W 7.5K ohm
R51	119-7521-15	1/16W 7.5K ohm
R52	119-3331-15	1/16W 33K ohm
R54	119-2031-15	1/16W 20K ohm
R55	119-1031-15	1/16W 10K ohm
R57	119-6251-15	1/16W 6.2M ohm
R62	119-1021-15	1/16W 1K ohm
R63	119-4711-15	1/16W 470 ohm
R64	119-0000-05	1/16W 0 ohm
R65	119-0000-05	1/16W 0 ohm
R66	119-1041-15	1/16W 100K ohm
R67	119-2211-15	1/16W 220 ohm
R68	119-2211-15	1/16W 220 ohm
R80	119-1041-15	1/16W 100K ohm
R84	119-3331-15	1/16W 33K ohm
R86	119-0000-05	1/16W 0 ohm
R87	119-0000-05	1/16W 0 ohm
R88	119-1031-15	1/16W 10K ohm
R91	119-3331-15	1/16W 33K ohm
R92	119-8231-15	1/16W 82K ohm
R93	119-1001-15	1/16W 10 ohm
R94	119-1001-15	1/16W 10 ohm
R95	119-1041-15	1/16W 100K ohm
R97	119-1531-15	1/16W 15K ohm
R98	119-1531-15	1/16W 15K ohm
R99	119-4721-15	1/16W 4.7K ohm
R100	119-2231-15	1/16W 22K ohm
R101	119-2031-15	1/16W 20K ohm
R102	119-7521-15	1/16W 7.5K ohm
R103	119-7521-15	1/16W 7.5K ohm
R104	119-4731-15	1/16W 47K ohm
R105	119-4721-15	1/16W 4.7K ohm
R107	119-1831-15	1/16W 18K ohm
R108	119-1041-15	1/16W 100K ohm
R109	119-1031-15	1/16W 10K ohm

R110	119-0000-05	1/16W 0 ohm
R111	119-1211-15	1/16W 120 ohm
R112	119-2241-15	1/16W 220K ohm
R113	119-0000-05	1/16W 0 ohm
R114	119-4741-15	1/16W 470K ohm
R115	119-4721-15	1/16W 4.7K ohm
R116	119-4721-15	1/16W 4.7K ohm
R120	119-1031-15	1/16W 10K ohm
R121	119-1831-15	1/16W 18K ohm
R123	119-4721-15	1/16W 4.7K ohm
R124	119-4721-15	1/16W 4.7K ohm
R125	119-1011-15	1/16W 100 ohm
R126	119-1011-15	1/16W 100 ohm
R127	119-1011-15	1/16W 100 ohm
R129	119-1041-15	1/16W 100K ohm
R131	119-0000-05	1/16W 0 ohm
R132	119-2221-15	1/16W 2.2K ohm
R133	119-2221-15	1/16W 2.2K ohm
R134	119-2221-15	1/16W 2.2K ohm
R135	119-0000-05	1/16W 0 ohm
R136	119-0000-05	1/16W 0 ohm
R138	119-0000-05	1/16W 0 ohm
R139	119-0000-05	1/16W 0 ohm
R140	119-1511-15	1/16W 150 ohm
U1	052-0422-00	TCC760
U2	051-6725-00	uPD63712
U4	051-6085-90	IP9004
U5	052-3986-00	ES29LV800ET 70TG1
U7	051-3381-90	IP1642L
U9	051-6724-00	RS9702-005
U10	051-9330-80	EM63815TS-71G
U11	051-3382-90	IP1117_33
Y1	061-9201-50	16.9344MHz
Y2	061-9204-90	12MHz
Y3	061-9203-90	10MHz
PWB	039-3033-01	PWB (WITHOUT COMPONENT)

Sensor PWB (B4) 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
Q2	060-4015-91	PS1192HB
S1	013-7414-50	CHUCKING

REF No.	PART No.	DESCRIPTION
S2	013-7413-50	LIMIT
PWB	039-2675-20	PWB (WITHOUT COMPONENT)

REMOVING MAIN PWB FOR REPAIR

View from bottom side

No.	PART No.	PART NAME	Q'TY
A	311-1848-03	LOWER CASE	1
B	039-3031-01	MAIN PWB	1
C	816-4047-60	FLAT WIRE_28P	1
D	331-4363-00	MECH BRKT	1
E	731-3005-8B	TAPTIGHT	4
F	714-2604-8B	MC SCREW	3
G	039-3033-01	SUB BOARD	1
H	714-2004-8B	MC SCREW	3
I	816-4048-60	FLAT WIRE_20P	1
J	816-4033-60	FLAT WIRE_10P	1
K	929-5011-80	MECHANISM	1
L	-	PICK-UP HEAD CABLE	1
M	313-2026-00	HEAT SINK	1
N	310-1867-00	UPPER CASE	1
O	714-3006-8B	MC SCREW	2
P	731-3012-8B	TAPTIGHT	3
Q	731-3008-8B	TAPTIGHT	6
R	335-0833-01	CABLE TIE	1

Step 1
Remove the screw Ⓔ, from upper case Ⓝ, then cut off the cable tie Ⓡ, and then remove all the screws Ⓞ, Ⓟ ,Ⓠ from heat sink Ⓜ.

Step 2
Remove the heat sink and lower case Ⓐ.

Step 3
Unsolder 4 points on the main PWB (Figure 1), then remove two flat wires Ⓒ and Ⓘ from main PWB Ⓑ. Then remove the main PWB Ⓑ for repairing.

Step 4
Remove all the screws Ⓔ and Ⓕ from mech bracket Ⓓ, then remove the mech bracket.

Step 5
Unplug the flat wires Ⓘ and Ⓙ from sub board PWB Ⓖ.

Step 6
Remove all screws Ⓗ, from sub board PWB Ⓖ.

Step 7
Unplug the pick-up head cable Ⓛ, from sub board PWB Ⓖ, and then remove the sub board PWB for repairing

Step 8
Remove the mechanism Ⓚ, from the mech bracket, if the mechanism needs replacement.

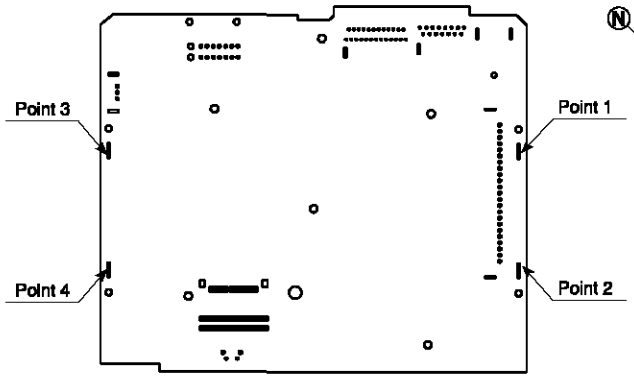


Figure 1

