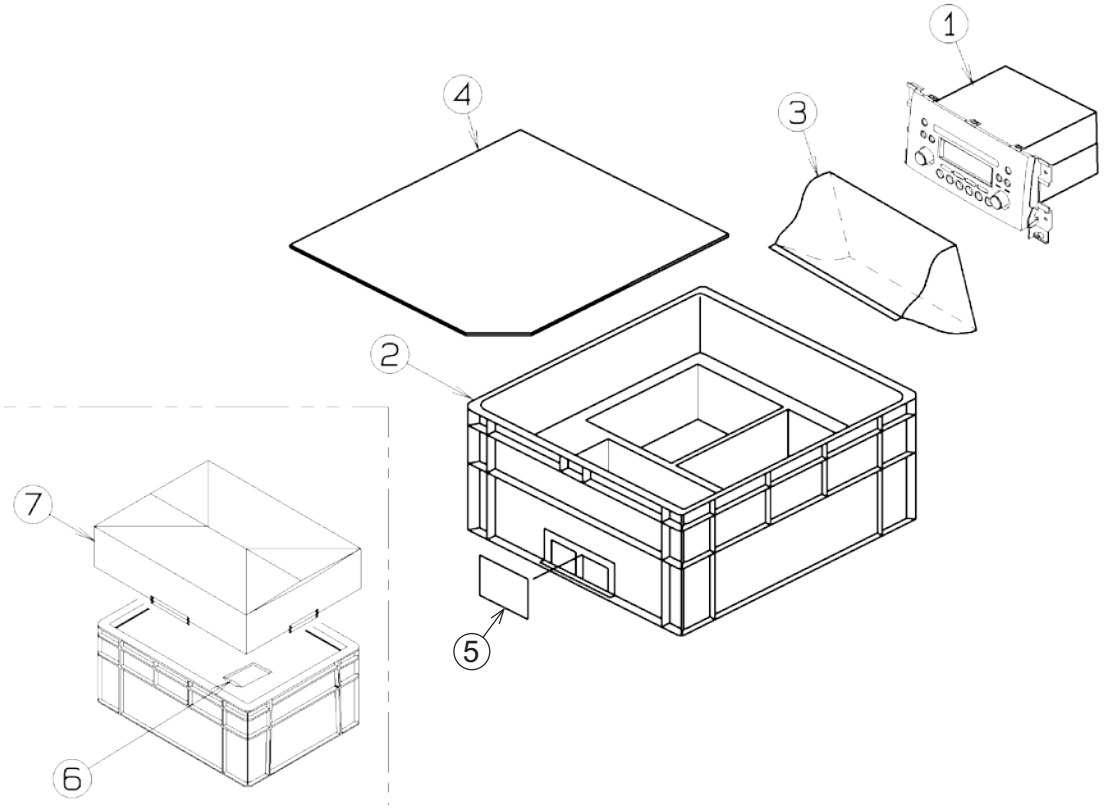
COMPONENTS

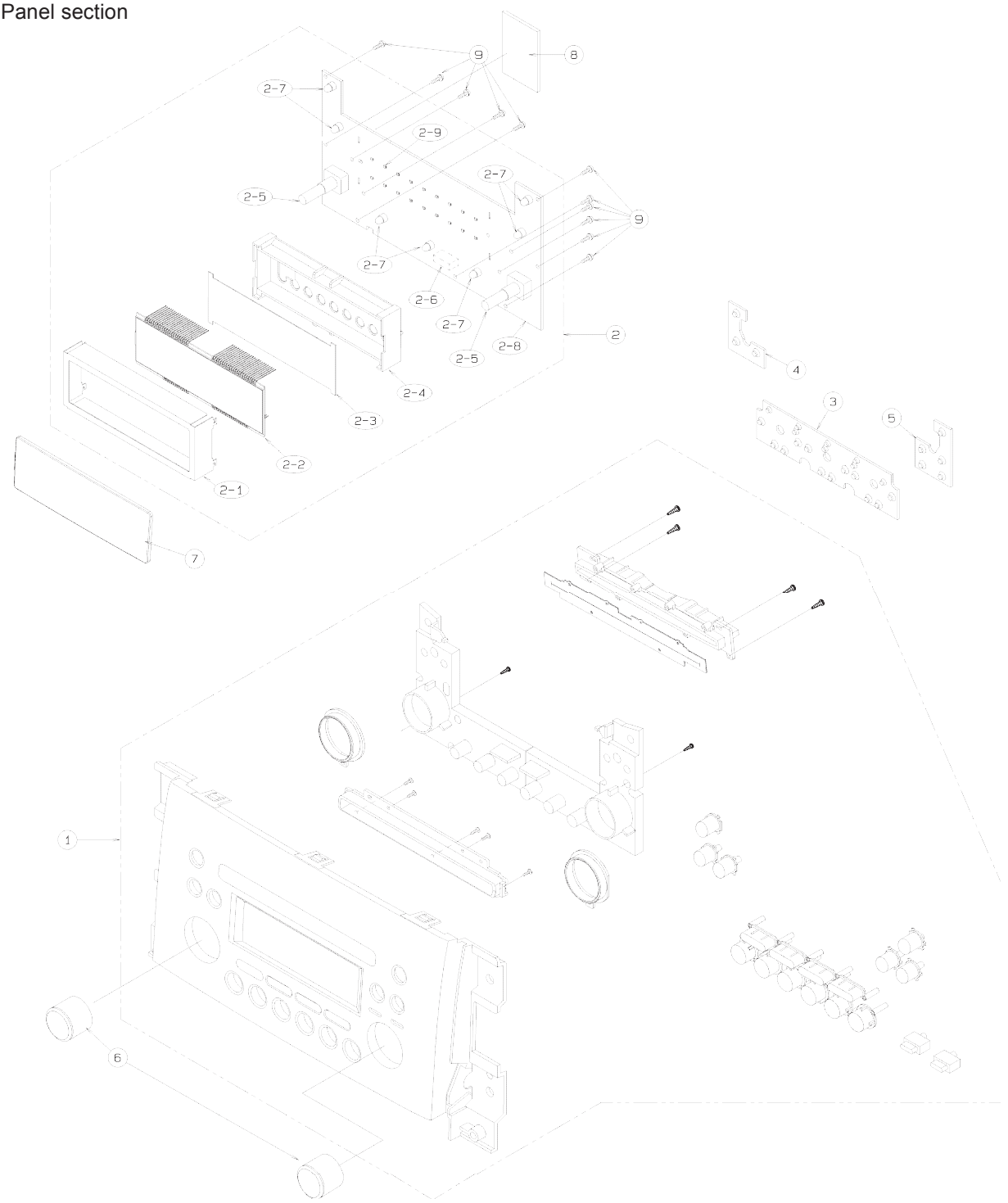
PS-3099D-C / PS-3099D-D

1. Main unit
2. Container
3. Poly bag
4. Inner carton
5. Label
6. Silicagel
7. Poly bag



EXPLODED VIEW / PARTS LIST

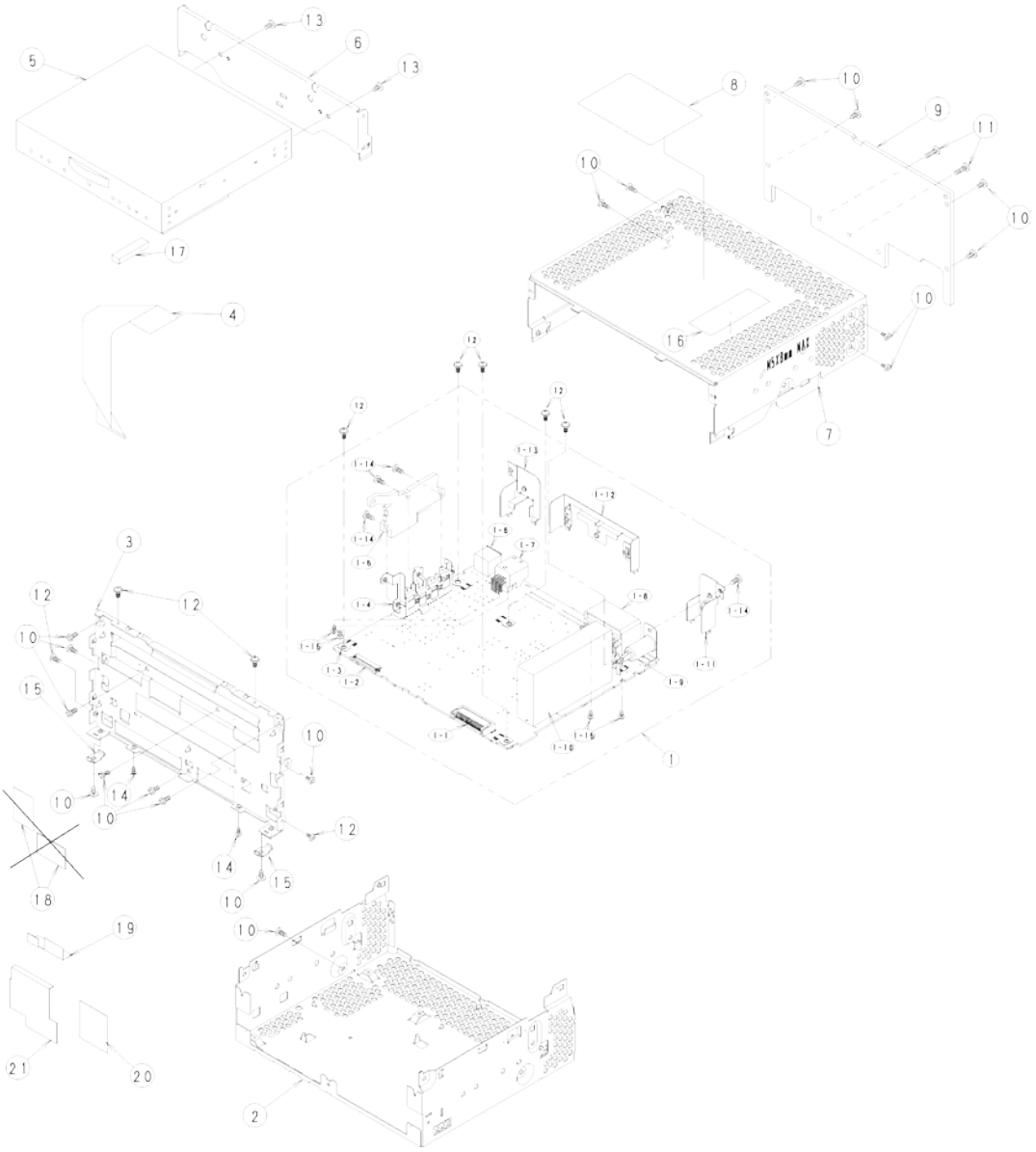
Panel section



NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8229-32 940-8229-34	ES-ASSY(PS3099DC Black) ES-ASSY(PS3099DD Brown)	1
2	----------	SW-PWB-ASSY(3099BH-77)	1
2-1	331-4550-01	LCD CVR	1
2-2	379-1429-50	INDICATOR	1
2-3	335-8274-00	COLOR FILTER	1
2-4	335-8273-00	LCD HOLDER	1
2-5	016-0018-17	VR W/SHAFT	2
2-6	074-3013-74	OUTLET SOCKET	1
2-7	017-0420-43	PILOTLAMP	7

NO.	PART NO.	DESCRIPTION	Q'TY
2-8	----------	SW PWB(329200-039)	1
2-9	001-7094-91	DIODE	18
3	345-5782-11	RUBBER SW(A)	1
4	345-5783-00	RUBBER SW (B)	1
5	345-6227-00	RUBBER SW(D)	1
6	380-5610-00	KNOB	2
7	373-1175-00	DIAL-CVR	1
8	345-6006-00	PROTECTOR	1
9	716-0778-51	SPECIAL SCREW	11

Main section



NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	MAIN-PWB-ASSY(3099BH-75)	1
1-1	076-3011-74	PLUG(24P)	1
1-2	074-1189-88	OUTLET SOCKET)GS-1)	1
1-3	073-0762-90	TERMINAL	5
1-4	331-4126-00	TR HOLDER	1
1-5	313-1966-00	SUB HEAT SINK	1
1-6	074-1194-00	OUTLET SOCKET	1
1-7	074-1302-08	OUTLET SOCKET	1
1-8	074-4007-20	OUTLET SOCKET	1
1-9	092-0702-50	ANT-RECEPT	1
1-10	941-0221-70	TUNER PACK	1
1-11	331-4549-00	ANT HOLDER	1
1-12	331-4548-00	IC HOLDER	1
1-13	331-4547-00	SOCKET HOLDER	1
1-14	714-2606-8B	MACHINE SCREW	4
1-15	778-3006-00	TAP-SCREW	4
2	311-1919-70	LOWER CASE	1
3	309-0836-02	ES PLATE	1
4	816-3034-51	FLAT WIRE	1

NO.	PART NO.	DESCRIPTION	Q'TY
5	929-5026-82	CD-MECH-MODULE	1
6	331-4123-00	CD BRKT	1
7	310-1826-50	UPPER CASE	1
8	276-0588-01 276-0588-02	SETPLATE(PS3099DC) SETPLATE(PS3099DD)	1
9	313-1962-00	HEAT SINK	1
10	714-2606-8B	MACHINE SCREW	18
11	714-2610-89	MACHINE SCREW	2
12	716-0878-50	SPECIAL SCREW	9
13	714-2603-8B	MACHINE SCREW	2
14	780-2603-06	SPECIAL-M-SCREW	2
15	331-4193-20	SU-PLATE	2
16	285-1960-00	GUIDE LABEL	1
17	345-5994-00	CUSHION RUBBER	1
18	-	(PROTECTOR)	-
19	347-8737-00	PROTECTOR	1
20	347-8738-00	PROTECTOR	1
21	347-8746-00	PROTECTOR	1

ELECTRICAL PARTS LIST

Main PWB(B1) section

REF No.	PART No.	DESCRIPTION
ANT101	092-0702-50	ANT-RECEPT
BL101	941-0221-70	AM/FM TUNER
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	168-2232-55	0.022uF 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	168-1232-55	0.012uF K
C310	168-1232-55	0.012uF 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	042-1562-65	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

REF No.	PART No.	DESCRIPTION
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 0.1F
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
C791	188-4756-58	35V 4.7uF
C792	168-1042-78	16V 0.1uF
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	001-0504-40	HZS7B3L-TJ
D771	001-0347-44	MA4082M
D801	001-0592-00	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

REF No.	PART No.	DESCRIPTION
IC351	051-3034-90	NJM4558V
IC391	051-2040-00	TA8276H
IC401	051-5046-90	CL7639V20
IC501	052-3220-02	M30624MHP-E63GP
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
J701	074-1194-00	13P Ce-NET
J721	074-1302-08	TH8P-SOCKET
J801	074-4007-20	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
Q125	192-4116-51	2SC4116 G,L
Q391	125-2027-93	DTC144EUA
Q502	190-2071-00	2SA2071 T100
Q503	192-4116-51	2SC4116 G,L
Q504	192-4116-51	2SC4116 G,L
Q505	192-4116-51	2SC4116 G,L
Q506	193-2118-50	2SD2118F5 R,S
Q701	192-4116-51	2SC4116 G,L
Q711	190-2071-00	2SA2071 T100
Q712	192-4116-51	2SC4116 G,L
Q761	192-5810-00	2SC5810 TE12L
Q762	125-0021-91	DTA114EUA
Q763	125-2027-91	DTC114EUA
Q771	192-5886-00	2SC5886
Q775	192-4116-51	2SC4116 G,L
Q776	125-0021-91	DTA114EUA
Q777	125-2027-91	DTC114EUA
Q791	192-4116-51	2SC4116 G,L
Q792	192-4116-51	2SC4116 G,L
Q793	192-4116-51	2SC4116 G,L
Q821	190-2071-00	2SA2071 T100
Q822	192-4116-51	2SC4116 G,L
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	119-6811-15	1/10W 680 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	119-6821-15	1/10W 6.8k 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

REF No.	PART No.	DESCRIPTION
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	119-1031-15	1/10W 10k ohm
R310	119-1031-15	1/10W 10k 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
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

REF No.	PART No.	DESCRIPTION
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
R558	119-1031-15	1/10W 10k ohm
R567	119-4731-15	1/10W 47k ohm
R570	119-4731-15	1/10W 47k ohm
R572	119-4731-15	1/10W 47k ohm
R574	119-4731-15	1/10W 47k ohm
R577	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

REF No.	PART No.	DESCRIPTION
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
R773	116-1021-15	1/4W 1k ohm
R779	116-1821-15	1/4W 1.8k ohm
R780	117-1821-15	1/8W 1.8k ohm
R791	119-0000-05	1/10W 0 ohm JW
R792	116-4721-15	1/4W 4.7k ohm
R795	119-4721-15	1/10W 4.7k ohm
R796	116-5611-15	1/4W 560 ohm
R797	119-4721-15	1/10W 4.7k ohm
R798	119-4721-15	1/10W 4.7k ohm
R799	119-1831-15	1/10W 18k ohm
R801	119-0000-05	1/10W 0 ohm JW
R802	119-0000-05	1/10W 0 ohm JW
R821	116-4721-15	1/4W 4.7k 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
R901	119-0000-05	1/10W 0 ohm JW
R902	119-0000-05	1/10W 0 ohm JW
R903	119-0000-05	1/10W 0 ohm JW
SUP101	060-0122-20	DSP-141N-S00B
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	7.2MHz
X501	060-1533-90	CSTCE10M0G52-RO
PWB	039-3295-00	PWB(WITHOUT COMPONENT)

Switch PWB(B2) section

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
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

REF No.	PART No.	DESCRIPTION
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
D923	001-7094-91	VFR1112H-TR
IC901	051-6084-00	NJU6625FG1-03
J901	074-3013-74	24P
L901	010-3406-66	22uH J
LCD901	379-1429-50	INDICATOR
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
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

REF No.	PART No.	DESCRIPTION
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
R925	119-2711-15	1/10W 270 ohm
R926	119-2711-15	1/10W 270 ohm
R927	119-3011-15	1/10W 300 ohm
R928	119-2711-15	1/10W 270 ohm
R929	119-2711-15	1/10W 270 ohm
R930	119-3011-15	1/10W 300 ohm
R931	119-2711-15	1/10W 270 ohm
R932	119-2711-15	1/10W 270 ohm
R933	119-3011-15	1/10W 300 ohm
R934	119-2711-15	1/10W 270 ohm
R935	119-2711-15	1/10W 270 ohm
R936	119-3011-15	1/10W 300 ohm
R937	119-2711-15	1/10W 270 ohm
R938	119-2711-15	1/10W 270 ohm

REF No.	PART No.	DESCRIPTION
R939	119-3011-15	1/10W 300 ohm
R941	119-2711-15	1/10W 270 ohm
R942	119-2711-15	1/10W 270 ohm
R943	119-3011-15	1/10W 300 ohm

REF No.	PART No.	DESCRIPTION
TH901	002-0315-00	TN10-3U153JT
VR901	016-0018-17	VR W/SHAFT
VR902	016-0018-17	VR W/SHAFT
VR903	012-6004-63	470k ohm B VR

REF No.	PART No.	DESCRIPTION
PWB	039-3292-00	PWB(WITHOUT COMPONENT)