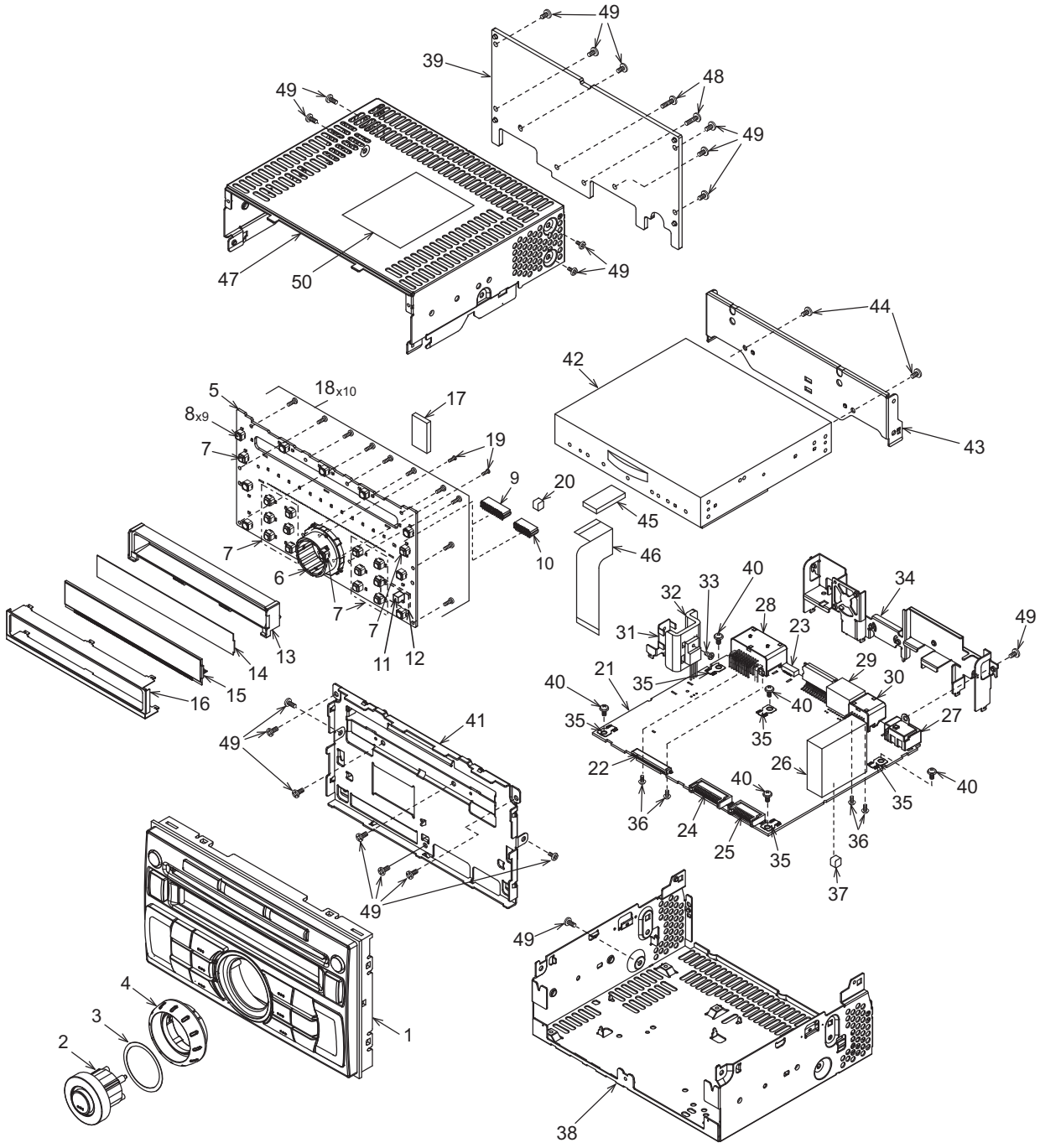
EXPLODED VIEW/PARTS LIST



NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8206-10 940-8206-11 940-8210-10	ES-ASSY (PN-3001P-A) ES-ASSY (PP-3001M-B) ES-ASSY (PP-3001M-A)	1
2	947-0591-00 947-0591-20	KNOB ASSY (PN-3001P-A)(PP-3001M-B) KNOB ASSY (PP-3001M-A)	1
3	347-7959-00	SHADE	1
4	380-5655-20	KNOB	1
5	----------	SWITCH PWB	1
6	016-7004-00	ROTARY SWITCH	1
7	013-6201-52	TACT SWITCH	15
8	013-6202-52	TACT SWITCH	9
9	074-3013-72	OUTLET SOCKET (22P)	1
10	074-3013-66	OUTLET SOCKET (16P)	1
11	060-8062-50	CERAMIC-ANT	1
12	060-8079-90	BLUETOOTH MODULE	1
13	335-7693-00	LCD HOLDER	1
14	335-7801-00	LCD LEFLECTOR	1
15	379-1392-50	INDICATOR (LCD)	1
16	331-4166-00	LCD COVER	1
17	345-5923-00	CUSHION RUBBER	1
18	716-0778-52	WAVE SCREW (2 x 6)	10
19	716-0872-51	PAD SCREW (M1.7 x 5)	2
20	345-5805-01	GASKET	1
21	----------	MAIN PWB	1
22	074-1237-79	OUTLET SOCKET (29P)	1
23	076-0478-59	PLUG (9P)	1
24	076-3011-72	PLUG (22P)	1
25	076-3011-66	PLUG (16P)	1

NO.	PART NO.	DESCRIPTION	Q'TY
26	880-2091M	TUNER PACK	1
27	092-2210-00	ANT RECEPT	1
28	074-4009-20	OUTLET SOCKET	1
29	074-1013-00	OUTLET SOCKET	1
30	074-1302-12	OUTLET SOCKET	1
31	331-3880-00	TR HOLDER	1
32	313-1967-00	HEAT SINK	1
33	716-1646-50	IT SCREW (M2.6 x 8)	1
34	307-0720-00	REAR PLATE	1
35	073-0762-90	TERMINAL	5
36	778-3006-00	SPECIAL T-SCREW (3 x 6)	4
37	345-5805-01	GASKET	1
38	311-1914-00	LOWER CASE	1
39	313-1968-00	HEAT SINK	1
40	716-0878-50	SCREW (M2.6 x 5)	5
41	309-0822-10	ES PLATE (1CD)	1
42	929-5004-81	CD MECH MODULE	1
43	331-4123-00	CD BRKT	1
44	714-2603-89	MACHINE SCREW (M2.6x3)	2
45	345-5895-00	CUSHION RUBBER	1
46	816-4025-50	FLAT WIRE	1
47	310-1823-00	UPPER CASE	1
48	735-2614-1B	MACHINE SCREW (M2.6 x 14)	2
49	714-2606-8B	MACHINE SCREW (M2.6 x 6)	19
50	276-0034-53 276-0034-54 276-0034-57	SET PLATE (PP-3001M-A) SET PLATE (PP-3001M-B) SET PLATE (PN-3001P-A)	1

ELECTRICAL PARTS LIST

Switch PWB(B1) section

REF No.	PART No.	DESCRIPTION
ANT902	060-8062-50	CERAMIC-ANT
C802	168-1042-78	16V 0.1uF
C803	168-1042-78	16V 0.1uF
C804	168-4732-78	0.047uF K
C805	168-4732-78	0.047uF K
C806	168-4732-78	0.047uF K
C807	166-2211-50	220pF CH
C901	168-1042-78	16V 0.1uF
C902	166-1011-50	100pF CH
C903	168-1042-78	16V 0.1uF
C904	166-1011-50	100pF CH
C905	166-1011-50	100pF CH
C906	042-0423-97	16V 10uF
C907	168-1042-78	16V 0.1uF
C908	168-1042-78	16V 0.1uF
C909	178-3312-78	330pF
CCT801	050-0145-52	1/16W 1k ohm x4
D801	001-0529-32	MA8056-M
D802	001-0529-32	MA8056-M
D803	001-0529-32	MA8056-M
D804	001-0529-32	MA8056-M
D805	001-0529-32	MA8056-M
D806	001-7093-91	RFY1112H-16-TR YEL
D807	001-7093-91	RFY1112H-16-TR YEL
D808	001-7093-91	RFY1112H-16-TR YEL
D809	001-7093-91	RFY1112H-16-TR YEL
D810	001-7093-91	RFY1112H-16-TR YEL
D811	001-7093-91	RFY1112H-16-TR YEL
D812	001-7093-91	RFY1112H-16-TR YEL
D813	001-7093-91	RFY1112H-16-TR YEL
D814	001-7093-91	RFY1112H-16-TR YEL
D815	001-7093-91	RFY1112H-16-TR YEL
D816	001-7093-91	RFY1112H-16-TR YEL
D817	001-7093-91	RFY1112H-16-TR YEL
D818	001-7093-91	RFY1112H-16-TR YEL
D819	001-7093-91	RFY1112H-16-TR YEL
D820	001-7093-91	RFY1112H-16-TR YEL
D821	001-7093-91	RFY1112H-16-TR YEL
D822	001-7093-91	RFY1112H-16-TR YEL
D823	001-7093-91	RFY1112H-16-TR YEL
D824	001-7093-91	RFY1112H-16-TR YEL
D830	001-7093-91	RFY1112H-16-TR YEL
D831	001-7093-91	RFY1112H-16-TR YEL
D832	001-7093-91	RFY1112H-16-TR YEL
D833	001-7093-91	RFY1112H-16-TR YEL
D834	001-7093-91	RFY1112H-16-TR YEL
D835	001-7093-91	RFY1112H-16-TR YEL
D836	001-7093-91	RFY1112H-16-TR YEL
D837	001-7093-91	RFY1112H-16-TR YEL
D838	001-7093-91	RFY1112H-16-TR YEL
D839	001-7093-91	RFY1112H-16-TR YEL
D846	001-7093-91	RFY1112H-16-TR YEL
D847	001-7093-91	RFY1112H-16-TR YEL
D848	001-7093-91	RFY1112H-16-TR YEL
D849	001-7093-91	RFY1112H-16-TR YEL
D850	001-7093-91	RFY1112H-16-TR YEL
D851	001-7093-91	RFY1112H-16-TR YEL
D852	001-7093-91	RFY1112H-16-TR YEL
D853	001-7093-91	RFY1112H-16-TR YEL
D855	001-7093-91	RFY1112H-16-TR YEL
D856	001-7093-91	RFY1112H-16-TR YEL
D857	001-7093-91	RFY1112H-16-TR YEL
D858	001-7093-91	RFY1112H-16-TR YEL
D859	001-7093-91	RFY1112H-16-TR YEL
D860	001-7093-91	RFY1112H-16-TR YEL
D861	001-7093-91	RFY1112H-16-TR YEL
D862	001-7093-91	RFY1112H-16-TR YEL
D864	001-7093-91	RFY1112H-16-TR YEL
D865	001-7093-91	RFY1112H-16-TR YEL
D866	001-7093-91	RFY1112H-16-TR YEL
D867	001-7093-91	RFY1112H-16-TR YEL
D869	001-7093-91	RFY1112H-16-TR YEL
D870	001-7093-91	RFY1112H-16-TR YEL
IC801	051-6075-00	LC75816W-8722-E
IC901	060-8079-90	UGZZ5-601D
J801	074-3013-72	22P
J901	074-3013-66	16P
LCD801	379-1392-50	INDICATOR (LCD)
L901	010-3104-54	600 ohm/100MHz
L902	010-3104-54	600 ohm/100MHz
L903	010-3104-54	600 ohm/100MHz
L904	010-3104-54	600 ohm/100MHz
L906	010-3104-54	600 ohm/100MHz
L907	010-3104-54	600 ohm/100MHz
L909	010-3104-54	600 ohm/100MHz
L910	010-3104-54	600 ohm/100MHz
L911	010-3104-54	600 ohm/100MHz
L912	010-3104-54	600 ohm/100MHz
R801	119-0000-05	1/10W 0 ohm JW
R802	119-3331-15	1/10W 33k ohm
R803	119-1021-15	1/10W 1k ohm
R804	116-3321-15	1/4W 3.3k ohm
R805	116-3321-15	1/4W 3.3k ohm
R806	116-3321-15	1/4W 3.3k ohm
R807	116-3321-15	1/4W 3.3k ohm
R808	116-3321-15	1/4W 3.3k ohm
R809	116-3921-15	1/4W 3.9k ohm
R810	116-2421-15	1/4W 2.4k ohm
R811	116-4721-15	1/4W 4.7k ohm
R812	116-4721-15	1/4W 4.7k ohm
R813	116-4721-15	1/4W 4.7k ohm
R814	116-4721-15	1/4W 4.7k ohm
R815	116-2221-15	1/4W 2.2k ohm
R816	116-2221-15	1/4W 2.2k ohm
R817	119-2021-15	1/10W 2.0k ohm
R819	116-3321-15	1/4W 3.3k ohm
R822	119-2421-15	1/10W 2.4k ohm
R823	116-4721-15	1/4W 4.7k ohm
R824	119-2421-15	1/10W 2.4k ohm
R825	116-4721-15	1/4W 4.7k ohm
R826	119-2421-15	1/10W 2.4k ohm
R827	116-3921-15	1/4W 3.9k ohm
R828	119-2421-15	1/10W 2.4k ohm
R829	116-2421-15	1/4W 2.4k ohm
R830	119-2421-15	1/10W 2.4k ohm
R831	116-4721-15	1/4W 4.7k ohm
R832	119-2421-15	1/10W 2.4k ohm
R833	119-2021-15	1/10W 2.0k ohm
R905	119-2711-15	1/10W 270 ohm
R909	119-1031-15	1/10W 10k ohm
R914	119-5631-15	1/10W 56k ohm
R916	119-1821-15	1/10W 1.8k ohm
R917	119-2711-15	1/10W 270 ohm
R918	119-1011-15	1/10W 100 ohm
R919	119-1011-15	1/10W 100 ohm
S801	016-7004-00	ROTARY SWITCH
S802	013-6201-52	SKPMAP010
S803	013-6202-52	SKPMBJE010
S804	013-6202-52	SKPMBJE010
S807	013-6202-52	SKPMBJE010
S808	013-6201-52	SKPMAP010
S809	013-6201-52	SKPMAP010
S810	013-6202-52	SKPMBJE010
S811	013-6202-52	SKPMBJE010
S812	013-6202-52	SKPMBJE010
S813	013-6201-52	SKPMAP010
S814	013-6201-52	SKPMAP010
S815	013-6202-52	SKPMBJE010
S816	013-6202-52	SKPMBJE010
S818	013-6201-52	SKPMAP010
S819	013-6201-52	SKPMAP010
S820	013-6201-52	SKPMAP010
S821	013-6202-52	SKPMBJE010
S822	013-6201-52	SKPMAP010
S823	013-6201-52	SKPMAP010
S824	013-6201-52	SKPMAP010
S825	013-6201-52	SKPMAP010
S826	013-6201-52	SKPMAP010
S827	013-6201-52	SKPMAP010
S828	013-6201-52	SKPMAP010
TM901	073-0778-90	TERMINAL
TM902	073-0778-90	TERMINAL
TM903	073-0778-90	TERMINAL
TM904	073-0778-90	TERMINAL
PWB	039-2925-01	PWB(WITHOUT COMPONENT)

Main PWB(B2) section

Note) Some parts depend on each model. The model name is specified in the description.

REF No.	PART No.	DESCRIPTION
ANT101	092-2210-00	ANTENNA RECEPT
BL101	880-2091M	FM/AM TUNER
C104	168-2222-55	2200pF K (PN-3001P)
C108	119-0000-05	1/10W 0 ohm JW
C109	166-2201-50	22pF CH
C110	168-1042-78	16V 0.1uF
C111	178-3342-78	0.33uF
C112	163-4763-15	6.3V 47uF
C113	178-1052-78	1uF
C114	178-1052-78	1uF
C115	119-0000-05	1/10W 0 ohm JW
C116	168-1222-55	1200pF K
C117	178-1052-78	1uF
C118	168-4732-78	0.047uF K
C119	168-1022-55	1000pF K
C120	168-4722-55	4700pF K
C121	168-4722-55	4700pF K
C122	163-1073-35	16V 100uF
C123	168-2222-55	2200pF K
C124	168-1022-55	1000pF K
C125	168-2232-55	0.022uF K
C126	168-2232-55	0.022uF K
C127	168-1022-55	1000pF K
C128	168-1022-55	1000pF K
C129	178-1052-78	1uF
C130	168-1022-55	1000pF K
C131	163-1073-35	16V 100uF
C132	166-2201-50	22pF CH
C133	166-2201-50	22pF CH
C134	166-2201-50	22pF CH
C135	166-2201-50	22pF CH
C136	178-1052-78	1uF
C137	178-1052-78	1uF
C138	178-3342-78	0.33uF
C140	163-1063-35	16V 10uF
C141	163-1063-35	16V 10uF (PN-3001P)
C142	168-1042-78	16V 0.1uF
C143	166-6801-50	68pF CH
C144	043-0548-50	2.2uF
C201	043-0548-50	2.2uF
C202	043-0548-50	2.2uF
C203	043-0548-50	2.2uF
C204	043-0548-50	2.2uF
C210	168-1022-55	1000pF K
C211	168-1022-55	1000pF K
C212	168-1022-55	1000pF K
C221	043-0554-90	25V 10uF
C225	178-3342-78	0.33uF
C227	042-0643-58	6.3V 330uF
C228	163-2273-25	10V 220uF
C229	163-1063-35	16V 10uF
C230	168-1042-78	16V 0.1uF
C232	163-1063-35	16V 10uF
C233	168-1042-78	16V 0.1uF
C239	168-1042-78	16V 0.1uF
C240	163-3363-25	10V 33uF
C241	168-1022-55	1000pF K
C242	168-1022-55	1000pF K
C244	163-4763-35	16V 47uF
C301	163-4753-65	50V 4.7uF
C302	168-1042-78	16V 0.1uF
C303	166-1811-50	180pF CH
C304	166-1007-50	10pF CH
C306	168-1042-78	16V 0.1uF
C307	168-1042-78	16V 0.1uF
C308	166-8097-50	8pF C CH
C309	166-8097-50	8pF C CH
C310	168-1022-55	1000pF K
C311	163-4753-65	50V 4.7uF
C312	168-1042-78	16V 0.1uF
C313	163-4753-65	50V 4.7uF
C314	168-1042-78	16V 0.1uF
C315	168-1022-55	1000pF K
C316	168-1022-55	1000pF K
C317	166-1011-50	100pF CH
C318	168-1042-78	16V 0.1uF
C319	168-5622-55	5600pF K
C320	168-5622-55	5600pF K
C323	168-1022-55	1000pF K
C324	163-2273-05	4V 220uF
C325	168-2222-55	2200pF K
C326	166-4711-50	470pF CH
C327	163-2263-35	16V 22uF
C328	168-1022-55	1000pF K
C329	166-1007-50	10pF CH
C330	163-1063-35	16V 10uF
C331	166-1011-50	100pF CH
C333	168-1042-78	16V 0.1uF
C334	163-4763-15	6.3V 47uF
C335	178-1052-78	1uF
C336	168-3332-78	0.033uF K
C338	168-1022-55	1000pF K
C339	168-1022-55	1000pF K
C340	166-1007-50	10pF CH
C341	168-4712-55	470pF K
C342	168-1042-78	16V 0.1uF
C343	168-1022-55	1000pF K
C345	168-3322-55	3300pF K
C346	168-3322-55	3300pF K
C347	168-3322-55	3300pF K
C348	168-3322-55	3300pF K
C350	042-0643-58	6.3V 330uF
C351	168-4722-55	4700pF K
C352	168-2222-55	2200pF K
C353	168-2222-55	2200pF K
C354	168-2222-55	2200pF K
C355	168-2222-55	2200pF K
C356	163-1073-15	6.3V 100uF
C359	168-1022-55	1000pF K
C360	166-4711-50	470pF CH
C361	043-0554-90	25V 10uF
C401	168-1042-78	16V 0.1uF
C402	168-1042-78	16V 0.1uF
C404	166-5096-50	5pF CH
C406	166-5096-50	5pF CH
C407	168-1042-78	16V 0.1uF
C408	163-4763-15	6.3V 47uF
C409	168-1042-78	16V 0.1uF
C412	168-1032-55	0.01uF K
C413	163-1073-35	16V 100uF
C425	168-1042-78	16V 0.1uF
C501	168-1042-78	16V 0.1uF
C502	168-1042-78	16V 0.1uF
C503	168-1042-78	16V 0.1uF
C504	168-1042-78	16V 0.1uF
C505	166-5611-50	560pF CH
C506	166-5611-50	560pF CH
C507	166-5611-50	560pF CH
C508	166-5611-50	560pF CH
C509	166-2201-50	22pF CH
C510	166-2201-50	22pF CH
C511	043-0554-90	25V 10uF
C512	178-3342-78	0.33uF
C513	166-2201-50	22pF CH
C514	166-2201-50	22pF CH
C516	166-5611-50	560pF CH
C517	166-5611-50	560pF CH
C519	166-5611-50	560pF CH
C520	166-5611-50	560pF CH
C521	168-1042-78	16V 0.1uF
C522	178-3342-78	0.33uF
C523	163-1063-35	16V 10uF
C525	163-1073-35	16V 100uF
C530	163-1073-35	16V 100uF
C532	168-1042-78	16V 0.1uF
C533	168-5632-78	16V 0.056uF
C534	168-5632-78	16V 0.056uF
C535	168-5632-78	16V 0.056uF
C536	168-5632-78	16V 0.056uF
C537	178-1052-78	1uF
C540	163-1063-35	16V 10uF
C541	168-1522-55	1500pF K
C546	168-1042-78	16V 0.1uF
C547	178-1052-78	1uF
C549	163-2273-25	10V 220uF
C550	178-4742-78	0.47uF
C551	168-1042-38	50V 0.1uF
C552	163-4763-35	16V 47uF
C553	163-4763-35	16V 47uF
C554	189-3383-31	16V 3300uF
C556	172-1041-15	0.1uF
C557	163-4763-35	16V 47uF
C559	168-6822-55	6800pF K
C560	168-6822-55	6800pF K
C561	168-6822-55	6800pF K
C562	168-6822-55	6800pF K
C563	168-6822-55	6800pF K
C564	166-2201-50	22pF CH
C565	168-6822-55	6800pF K
C566	168-6822-55	6800pF K
C567	043-0604-90	25V 10uF B
C568	168-6822-55	6800pF K
C569	168-6822-55	6800pF K
C571	043-0566-90	50V 2.2uF K
C572	178-1052-78	1uF
C573	168-1042-78	16V 0.1uF
C574	163-1063-35	16V 10uF
C575	168-2232-55	0.022uF K
C576	163-1073-35	16V 100uF
C577	168-2212-55	220pF K
C578	119-0000-05	1/10W 0 ohm JW
CCT301	050-0145-61	1/16W 0 ohm x4
CCT401	050-0145-52	1/16W 1k ohm x4
CCT402	050-0145-52	1/16W 1k ohm x4
CCT403	050-0145-52	1/16W 1k ohm x4
CCT404	050-0145-52	1/16W 1k ohm x4
D106	001-0580-90	1SS352
D108	001-0529-48	MA8091-H
D109	001-0580-90	1SS352 (PN-3001P)
D201	001-4305-39	UDZSTE-17 36B
D202	001-0580-90	1SS352
D203	001-0580-90	1SS352
D205	001-0580-90	1SS352
D206	001-0529-32	MA8056-M
D207	001-0580-90	1SS352
D208	001-0580-90	1SS352
D210	001-0529-72	MA8200-M
D211	001-9210-50	AVR-M1608C270MTAAD
D212	001-9210-50	AVR-M1608C270MTAAD
D213	001-9210-50	AVR-M1608C270MTAAD
D214	001-9210-50	AVR-M1608C270MTAAD
D401	001-0580-90	1SS352
D505	001-0529-48	MA8091-H
D506	001-2640-90	D1FJ4
D508	001-0529-48	MA8091-H
D510	001-2015-00	RL253
D511	001-0580-90	1SS352
D512	001-0529-48	MA8091-H
D514	001-0580-90	1SS352

REF No.	PART No.	DESCRIPTION
D515	001-0529-34	MA8062-L
D516	001-0580-90	1SS352
D567	001-0580-90	1SS352
D568	001-0580-90	1SS352
D569	001-4301-68	HZU18B1
D570	001-4301-68	HZU18B1
D571	001-4301-68	HZU18B1
IC101	051-6524-90	AK2301A-E1
IC103	051-3034-90	NJM4558V
IC104	051-3519-90	NJU7771F05-TE2
IC107	051-7255-08	SN74AHC1G66 HDCKR
IC203	051-3518-90	NJM2846DL3-33-TE1
IC204	051-3340-00	LD1085P
IC301	----------	SAF7730HV/N317
IC402	052-0320-00	M30876FJBGP
IC404	051-5417-08	S-80927CNMC-G8X
IC406	051-9425-80	S-24CS64A0I-J8T1G
IC501	051-3019-90	NJM2060V
IC502	051-3518-90	NJM2846DL3-33-TE1
IC503	051-2042-00	TA8275H
IC504	051-3396-90	NJM2386ADL3-33-TE1
IC505	051-3517-90	LT3481EMSE #TRPBF
IC506	051-5441-08	BD4828G-TR
J201	074-1302-12	TH12P-SOCKET
J203	074-1237-79	SOCKET(29P)
J204	074-1013-00	12P
J502	074-4009-20	SOCKET(20P)
L105	010-2003-04	30uH
L106	010-3104-54	600 ohm/100MHz
L107	010-3104-54	600 ohm/100MHz
L108	010-2198-50	0.15uH
L301	010-3104-54	600 ohm/100MHz
L302	010-3104-54	600 ohm/100MHz
L303	010-3104-54	600 ohm/100MHz
L304	010-3104-54	600 ohm/100MHz
L305	010-3104-54	600 ohm/100MHz
L306	010-3104-54	600 ohm/100MHz
L307	010-3104-54	600 ohm/100MHz
L308	010-3104-54	600 ohm/100MHz
L309	010-3104-54	600 ohm/100MHz
L310	010-3104-54	600 ohm/100MHz
L311	010-3104-54	600 ohm/100MHz
L312	010-3104-54	600 ohm/100MHz
L313	010-3104-54	600 ohm/100MHz
L402	010-3406-54	2.2uH J
L501	010-3104-54	600 ohm/100MHz
L503	010-3414-90	6.8uH
P101	076-3011-66	16P
P401	076-0478-59	PLUG (9P)
P402	076-3011-72	22P
Q101	198-3018-00	2SK3018
Q102	198-3018-00	2SK3018
Q104	125-9017-92	UMD3N-TR
Q105	125-2027-91	DTC114EUA
Q106	125-2027-91	DTC114EUA
Q107	125-2027-91	DTC114EUA
Q108	125-2027-91	DTC114EUA
Q109	192-5886-00	2SC5886
Q110	125-2027-90	DTC143EU (PN-3001P)
Q111	190-2060-00	2SA2060 (PN-3001P)
Q112	125-9017-92	UMD3N-TR
Q208	192-4081-00	2SC4081
Q209	192-4081-00	2SC4081
Q210	192-4081-00	2SC4081
Q211	125-0021-91	DTA114EUA
Q212	125-2027-91	DTC114EUA
Q217	193-1664-00	2SD1664 P,Q,R

REF No.	PART No.	DESCRIPTION
Q218	125-9017-92	UMD3N-TR
Q219	125-2027-90	DTC143EU
Q220	191-1197-50	2SB1197K Q,R
Q301	125-7007-90	Si5441BDC-TI-E3
Q302	125-2027-91	DTC114EUA
Q303	125-2027-91	DTC114EUA
Q304	125-2027-91	DTC114EUA
Q305	125-2027-91	DTC114EUA
Q306	125-2027-91	DTC114EUA
Q307	125-2027-91	DTC114EUA
Q308	125-2027-91	DTC114EUA
Q401	125-2027-91	DTC114EUA
Q402	125-0021-91	DTA114EUA
Q403	191-0709-00	2SB709A Q,R,S
Q404	192-2712-00	2SC2712
Q405	125-2027-91	DTC114EUA
Q406	125-0006-90	UN2110
Q503	125-2027-91	DTC114EUA
Q504	191-1197-50	2SB1197K Q,R
Q506	125-2027-91	DTC114EUA
Q507	191-1197-50	2SB1197K Q,R
Q509	193-2118-00	2SD2118F5 Q,R,S
Q512	125-2027-91	DTC114EUA
Q515	193-1664-00	2SD1664 P,Q,R
Q516	192-4116-51	2SC4116 G,L
Q517	191-1204-61	2SB1204 R,S,T
Q518	125-2027-91	DTC114EUA
Q519	191-1197-50	2SB1197K Q,R
Q520	192-4116-00	2SC4116
Q521	192-4081-00	2SC4081
Q522	125-2027-91	DTC114EUA
Q523	192-4081-00	2SC4081
R103	119-3321-15	1/10W 3.3k ohm
R106	119-0000-05	1/10W 0 ohm JW
R109	119-3321-15	1/10W 3.3k ohm
R111	119-3321-15	1/10W 3.3k ohm
R112	119-0000-05	1/10W 0 ohm JW
R113	119-3321-15	1/10W 3.3k ohm
R116	119-2741-15	1/10W 270k ohm
R117	119-3331-15	1/10W 33k ohm
R118	119-3931-15	1/10W 39k ohm
R121	119-3931-15	1/10W 39k ohm
R122	119-1031-15	1/10W 10k ohm
R123	119-1031-15	1/10W 10k ohm
R124	119-3931-15	1/10W 39k ohm
R125	119-1031-15	1/10W 10k ohm
R126	119-1011-15	1/10W 100 ohm
R127	119-4731-15	1/10W 47k ohm
R128	119-4731-15	1/10W 47k ohm
R129	119-4731-15	1/10W 47k ohm
R130	119-8221-15	1/10W 8.2k ohm
R131	119-1011-15	1/10W 100 ohm
R132	119-1011-15	1/10W 100 ohm
R134	119-1031-15	1/10W 10k ohm
R135	119-2231-15	1/10W 22k ohm
R136	116-6891-15	1/4W 6.8 ohm
R138	119-1031-15	1/10W 10k ohm
R139	119-1041-15	1/10W 100k ohm
R140	119-1001-15	1/10W 10 ohm
R141	119-1031-15	1/10W 10k ohm
R143	119-2231-15	1/10W 22k ohm
R144	119-2231-15	1/10W 22k ohm
R145	119-1001-15	1/10W 10 ohm
R146	119-1031-15	1/10W 10k ohm
R148	116-1091-15	1/4W 1 ohm (PN-3001P)
R149	116-1221-15	1/4W 1.2k ohm (PN-3001P)
R150	116-3911-15	1/4W 390 ohm
R151	119-1031-15	1/10W 10k ohm (PN-3001P)
R153	119-1041-15	1/10W 100k ohm
R162	119-0000-05	1/10W 0 ohm JW
R165	119-1031-15	1/10W 10k ohm

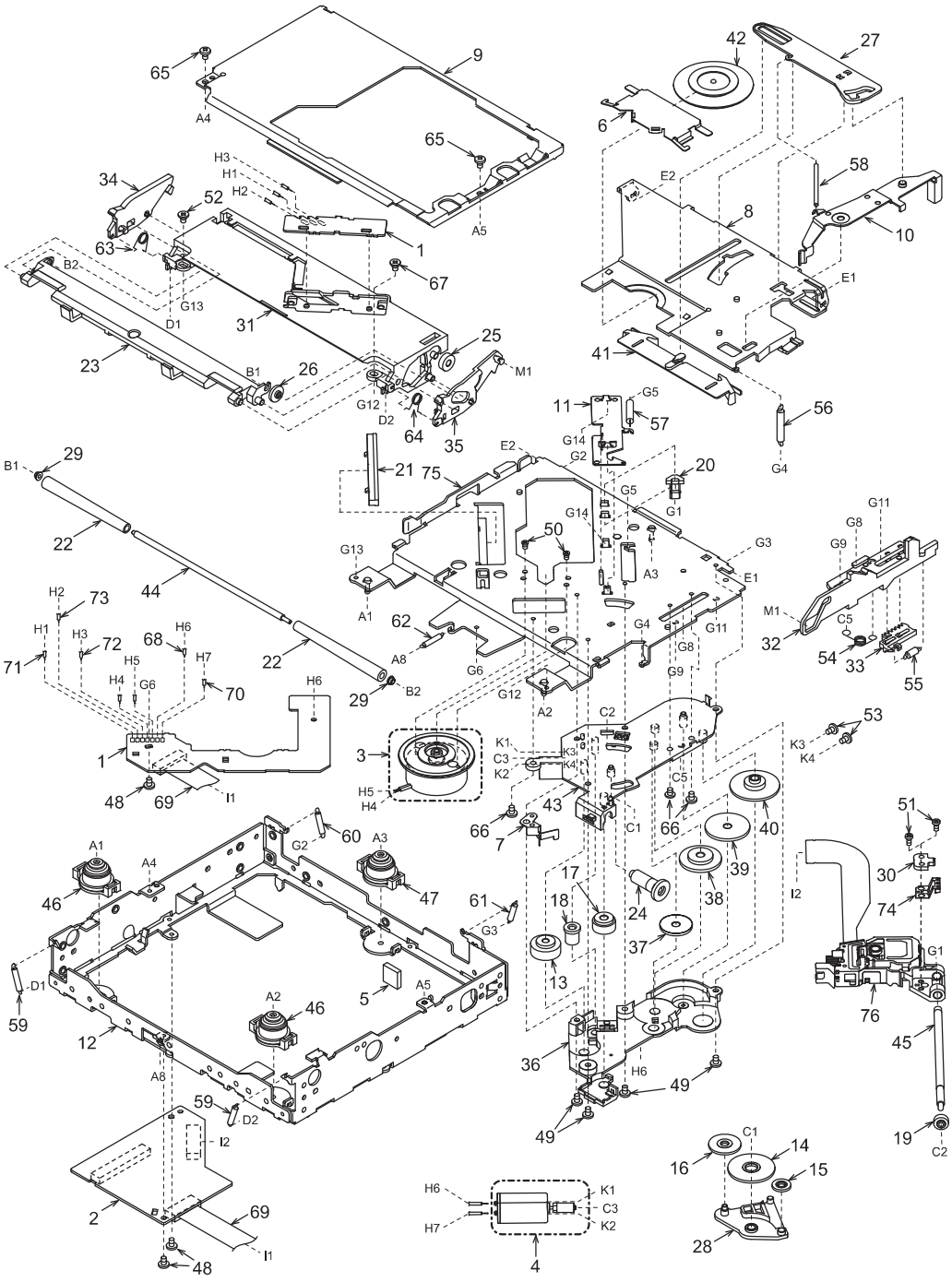
REF No.	PART No.	DESCRIPTION
R166	119-1031-15	1/10W 10k ohm
R167	119-1031-15	1/10W 10k ohm
R168	119-1031-15	1/10W 10k ohm
R169	119-1031-15	1/10W 10k ohm
R170	119-1031-15	1/10W 10k ohm
R171	119-0000-05	1/10W 0 ohm JW
R172	119-0000-05	1/10W 0 ohm JW
R173	119-1531-15	1/10W 15k ohm
R174	119-2231-15	1/10W 22k ohm
R175	119-1021-15	1/10W 1k ohm
R176	119-3931-15	1/10W 39k ohm
R177	119-6821-15	1/10W 6.8k ohm
R201	119-1021-15	1/10W 1k ohm
R202	119-1021-15	1/10W 1k ohm
R207	119-3011-15	1/10W 300 ohm
R208	119-3011-15	1/10W 300 ohm
R226	119-5621-15	1/10W 5.6k ohm
R228	119-5621-15	1/10W 5.6k ohm
R231	119-5631-15	1/10W 56k ohm
R232	119-5631-15	1/10W 56k ohm
R234	119-1031-15	1/10W 10k ohm
R235	119-1031-15	1/10W 10k ohm
R238	119-5631-15	1/10W 56k ohm
R239	119-1031-15	1/10W 10k ohm
R240	119-2231-15	1/10W 22k ohm
R241	119-4731-15	1/10W 47k ohm
R246	117-2211-15	1/8W 220 ohm
R247	119-1041-15	1/10W 100k ohm
R248	116-2201-15	1/4W 22 ohm
R249	032-0140-98	1/10W 330 ohm F
R250	116-1221-15	1/4W 1.2k ohm
R251	032-0140-70	1/10W 1.8k ohm F
R252	119-1031-15	1/10W 10k ohm
R254	119-1021-15	1/10W 1k ohm
R262	119-1021-15	1/10W 1k ohm
R266	119-0000-05	1/10W 0 ohm JW
R301	119-1031-15	1/10W 10k ohm
R302	119-1031-15	1/10W 10k ohm
R303	119-2201-15	1/10W 22 ohm
R304	032-0140-80	1/10W 18k ohm F
R305	032-0140-80	1/10W 18k ohm F
R306	032-0140-80	1/10W 18k ohm F
R307	032-0140-80	1/10W 18k ohm F
R314	119-1011-15	1/10W 100 ohm
R315	119-1031-15	1/10W 10k ohm
R316	119-1021-15	1/10W 1k ohm
R317	119-1031-15	1/10W 10k ohm
R318	119-3921-15	1/10W 3.9k ohm
R319	119-1031-15	1/10W 10k ohm
R320	119-3921-15	1/10W 3.9k ohm
R321	119-1031-15	1/10W 10k ohm
R322	119-0000-05	1/10W 0 ohm JW
R323	119-1031-15	1/10W 10k ohm
R324	119-1041-15	1/10W 100k ohm
R325	119-1041-15	1/10W 100k ohm
R326	119-1001-15	1/10W 10 ohm
R327	119-3921-15	1/10W 3.9k ohm
R328	119-0000-05	1/10W 0 ohm JW
R329	119-1021-15	1/10W 1k ohm
R330	119-3921-15	1/10W 3.9k ohm
R331	119-0000-05	1/10W 0 ohm JW
R332	032-0140-50	1/10W 10k ohm F
R334	032-0140-50	1/10W 10k ohm F
R336	032-0140-50	1/10W 10k ohm F
R337	032-0140-50	1/10W 10k ohm F
R338	032-0140-50	1/10W 10k ohm F
R339	032-0140-50	1/10W 10k ohm F
R340	032-0140-50	1/10W 10k ohm F
R341	119-1031-15	1/10W 10k ohm
R342	119-1031-15	1/10W 10k ohm
R343	119-1031-15	1/10W 10k ohm
R344	119-1011-15	1/10W 100 ohm
R345	119-1011-15	1/10W 100 ohm
R346	119-0000-05	1/10W 0 ohm JW

REF No.	PART No.	DESCRIPTION
R347	119-0000-05	1/10W 0 ohm JW
R348	119-0000-05	1/10W 0 ohm JW
R349	119-0000-05	1/10W 0 ohm JW
R350	119-1031-15	1/10W 10k ohm
R351	119-0000-05	1/10W 0 ohm JW
R352	119-4731-15	1/10W 47k 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	119-1021-15	1/10W 1k 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
R400	119-0000-05	1/10W 0 ohm JW
R401	119-1021-15	1/10W 1k ohm
R402	119-1021-15	1/10W 1k ohm
R403	119-1021-15	1/10W 1k ohm
R404	119-0000-05	1/10W 0 ohm JW
R405	119-1021-15	1/10W 1k ohm
R406	119-1021-15	1/10W 1k ohm
R407	119-1021-15	1/10W 1k ohm
R408	119-4721-15	1/10W 4.7k ohm
R409	119-4721-15	1/10W 4.7k ohm
R410	119-4731-15	1/10W 47k ohm
R411	119-3311-15	1/10W 330 ohm
R412	119-3311-15	1/10W 330 ohm
R413	119-4731-15	1/10W 47k ohm
R416	119-4731-15	1/10W 47k ohm
R417	119-4731-15	1/10W 47k ohm
R418	119-4711-15	1/10W 470 ohm
R419	119-4711-15	1/10W 470 ohm
R420	119-4711-15	1/10W 470 ohm
R421	119-4711-15	1/10W 470 ohm
R422	119-1011-15	1/10W 100 ohm
R423	119-1011-15	1/10W 100 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	119-1031-15	1/10W 10k ohm
R431	119-1031-15	1/10W 10k ohm
R432	119-1031-15	1/10W 10k ohm
R433	119-1031-15	1/10W 10k ohm
R436	119-1021-15	1/10W 1k ohm
R437	119-1021-15	1/10W 1k ohm
R440	119-4721-15	1/10W 4.7k ohm
R441	119-1021-15	1/10W 1k ohm
R442	119-1031-15	1/10W 10k ohm
R443	119-4731-15	1/10W 47k ohm
R445	119-0000-05	1/10W 0 ohm JW
R446	119-4731-15	1/10W 47k ohm
R447	119-1031-15	1/10W 10k ohm

REF No.	PART No.	DESCRIPTION
R448	119-4731-15	1/10W 47k ohm
R449	119-1021-15	1/10W 1k ohm
R450	119-1021-15	1/10W 1k ohm
R451	119-4731-15	1/10W 47k ohm
R452	119-4731-15	1/10W 47k ohm
R453	119-4731-15	1/10W 47k ohm
R454	119-4731-15	1/10W 47k ohm
R455	119-2231-15	1/10W 22k ohm
R456	119-4731-15	1/10W 47k ohm
R458	119-1011-15	1/10W 100 ohm
R459	119-1011-15	1/10W 100 ohm
R460	119-4721-15	1/10W 4.7k ohm
R461	119-4721-15	1/10W 4.7k ohm
R462	119-1041-15	1/10W 100k ohm
R463	119-1041-15	1/10W 100k ohm
R464	119-2231-15	1/10W 22k ohm
R466	119-4731-15	1/10W 47k ohm
R467	119-4731-15	1/10W 47k ohm
R468	119-1031-15	1/10W 10k ohm
R469	119-1031-15	1/10W 10k ohm
R470	119-4731-15	1/10W 47k ohm
R471	119-1241-15	1/10W 120k ohm
R472	119-3331-15	1/10W 33k ohm
R473	119-6801-15	1/10W 68 ohm
R474	119-2241-15	1/10W 220k ohm
R488	119-1031-15	1/10W 10k ohm
R489	119-4731-15	1/10W 47k ohm
R490	119-6821-15	1/10W 6.8k ohm
R502	119-1031-15	1/10W 10k ohm
R503	119-1031-15	1/10W 10k ohm
R504	119-1031-15	1/10W 10k ohm
R505	119-1031-15	1/10W 10k ohm
R507	119-1031-15	1/10W 10k ohm
R508	119-1031-15	1/10W 10k ohm
R509	119-1031-15	1/10W 10k ohm
R510	119-1031-15	1/10W 10k ohm
R511	119-0000-05	1/10W 0 ohm JW
R512	119-1031-15	1/10W 10k ohm
R513	119-1031-15	1/10W 10k ohm
R514	119-1051-15	1/10W 1M ohm
R515	119-1051-15	1/10W 1M ohm
R517	119-1051-15	1/10W 1M ohm
R518	119-1051-15	1/10W 1M ohm
R519	119-1031-15	1/10W 10k ohm
R520	119-1031-15	1/10W 10k ohm
R521	119-1031-15	1/10W 10k ohm
R522	119-1031-15	1/10W 10k 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	119-1031-15	1/10W 10k ohm
R533	119-1031-15	1/10W 10k ohm
R534	119-1031-15	1/10W 10k ohm
R535	119-1031-15	1/10W 10k ohm
R540	116-6811-15	1/4W 680 ohm
R542	032-0140-03	1/10W 220k ohm F
R543	032-0140-19	1/10W 75k ohm F

REF No.	PART No.	DESCRIPTION
R548	119-2241-15	1/10W 220k ohm
R551	119-1031-15	1/10W 10k ohm
R553	119-4721-15	1/10W 4.7k ohm
R554	032-0140-51	1/10W 15k ohm F
R556	119-4721-15	1/10W 4.7k ohm
R557	119-4721-15	1/10W 4.7k ohm
R563	116-3911-15	1/4W 390 ohm
R564	116-1221-15	1/4W 1.2k ohm
R565	116-1221-15	1/4W 1.2k ohm
R566	119-1521-15	1/10W 1.5k ohm
R567	119-1031-15	1/10W 10k ohm
R568	116-1221-15	1/4W 1.2k ohm
R569	116-1221-15	1/4W 1.2k ohm
R570	119-1031-15	1/10W 10k ohm
R571	119-4721-15	1/10W 4.7k ohm
R572	119-1031-15	1/10W 10k ohm
R573	032-0148-50	1/10W 100k ohm
R574	032-0140-16	1/10W 180k ohm F
R575	116-2721-15	1/4W 2.7k ohm
R576	116-1531-15	1/4W 15k ohm
R577	119-0000-05	1/10W 0 ohm JW
R578	119-2221-15	1/10W 2.2k ohm
R580	116-1531-15	1/4W 15k ohm
R581	119-1031-15	1/10W 10k ohm
R582	119-5611-15	1/10W 560 ohm
R583	116-4791-15	1/4W 4.7 ohm
R584	116-4791-15	1/4W 4.7 ohm
R585	119-1031-15	1/10W 10k ohm
R586	119-0000-05	1/10W 0 ohm JW
R587	119-2231-15	1/10W 22k ohm
R588	119-3321-15	1/10W 3.3k ohm
R590	119-0000-05	1/10W 0 ohm JW
R591	119-0000-05	1/10W 0 ohm JW
R592	119-0000-05	1/10W 0 ohm JW
R593	119-0000-05	1/10W 0 ohm JW
R594	119-0000-05	1/10W 0 ohm JW
R595	119-4731-15	1/10W 47k ohm
R596	119-4731-15	1/10W 47k ohm
R597	119-7531-15	1/10W 75k ohm
R598	119-4731-15	1/10W 47k ohm
R943	119-1021-15	1/10W 1k ohm
SUP102	060-0122-91	DSP-141N-S00B
TH101	002-0229-00	PTH8L05BAIR8M1B (PN-3001P)
TH201	002-0229-00	PTH8L05BAIR8M1B
T508	009-0670-81	180uH
TM101	073-0762-90	TERMINAL
TM102	073-0762-90	TERMINAL
TM201	073-0762-90	TERMINAL
TM501	073-0762-90	TERMINAL
TM502	073-0762-90	TERMINAL
X301	061-3537-90	41.6MHz
X401	061-3541-90	CRYSTAL 10MHz
PWB	039-3125-00	PWB(WITHOUT COMPONENT)

EXPLODED VIEW/PARTS LIST



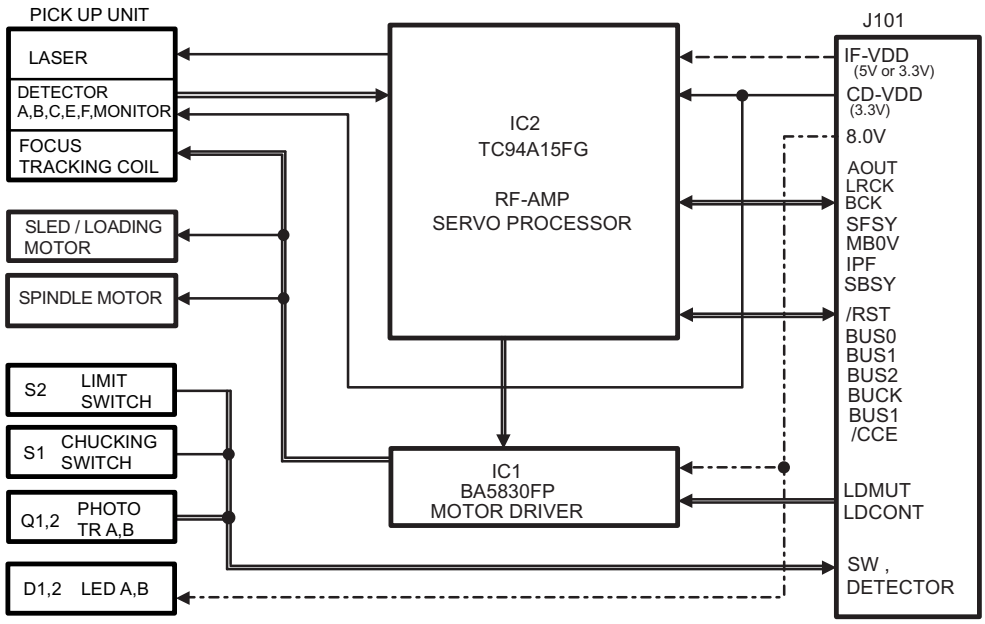
NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	LED PWB	1
2	----------	CD PWB	1
3	SMA-182-100	SPINDLE MOTOR-ASSY	1
4	SMA-183-100	SLED MOTOR-ASSY	1
5	345-5476-20	CUSHION RUBBER	1
6	620-1023-23	CLAMPER PLATE	1
7	620-1026-21	SPRING PLATE	1
8	620-1596-23	CLAMPER LINK	1
9	620-1598-22	UPPER CHASSIS	1
10	620-1752-20	SENSOR ARM	1

NO.	PART NO.	DESCRIPTION	Q'TY
11	620-1753-20	ID-LOCK PLATE	1
12	620-1754-20	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

NO.	PART NO.	DESCRIPTION	Q'TY
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
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

NO.	PART NO.	DESCRIPTION	Q'TY
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	966-1743-21	DRIVE-PLT-ASSY	1
76	969-0071-30	PICKUP-ASSY	1

BLOCK DIAGRAM



ELECTRICAL PARTS LIST

Main PWB(BM1) section

REF No.	PART No.	DESCRIPTION
C1	168-1042-78	16V 0.1uF
C2	163-1073-35	16V 100uF
C4	178-1052-78	1uF
C5	042-0560-85	6.3V 100uF
C6	178-1052-78	1uF
C8	178-1052-78	1uF
C10	168-1042-78	16V 0.1uF
C11	168-1042-78	16V 0.1uF
C12	045-4701-50	47pF
C13	046-1532-78	0.015uF
C14	168-1042-78	16V 0.1uF
C15	046-1032-78	0.01uF
C17	046-4722-58	4700pF
C18	046-1522-58	1500pF
C19	168-1042-78	16V 0.1uF
C20	168-1042-78	16V 0.1uF
C21	046-6812-58	680pF
C22	168-1042-78	16V 0.1uF
C23	046-1532-78	0.015uF
C24	168-1042-78	16V 0.1uF
C25	045-6801-50	68pF
C26	168-1042-78	16V 0.1uF
C27	046-3332-78	0.033uF

REF No.	PART No.	DESCRIPTION
C29	046-6822-58	6800pF
C30	168-1042-78	16V 0.1uF
C31	046-4712-58	470pF
C32	046-4712-58	470pF
C33	168-1042-78	16V 0.1uF
C34	168-4732-78	16V 0.047uF
C35	168-4732-78	16V 0.047uF
C36	045-1007-50	10pF
C37	045-1007-50	10pF
C38	168-1042-78	16V 0.1uF
C39	046-5622-58	5600pF
C40	168-1042-78	16V 0.1uF
CCT1	050-0140-63	1/32W 47k ohm x4J
D1	001-0367-91	1SS226
IC1	051-6079-90	BA5830FP-E2
IC2	051-6399-00	TC94A15FG
J101	074-1228-79	29P
J201	074-1138-65	15P
J301	074-1138-60	10P
Q1	131-1188-50	2SB1188PQR
R1	117-6811-15	1/8W 680 ohm
R2	117-1001-15	1/8W 10 ohm
R3	033-2211-15	1/10W 220 ohm

REF No.	PART No.	DESCRIPTION
R5	033-0000-05	1/10W 0 ohm
R6	033-5621-15	1/10W 5.6k ohm
R7	033-4731-15	1/10W 47k ohm
R8	033-3341-15	1/10W 330k ohm
R9	033-2231-15	1/10W 22k ohm
R10	033-2231-15	1/10W 22k ohm
R11	033-2731-15	1/10W 27k ohm
R12	033-4731-15	1/10W 47k ohm
R13	033-2731-15	1/10W 27k ohm
R14	033-1531-15	1/10W 15k ohm
R15	033-2731-15	1/10W 27k ohm
R16	033-8231-15	1/10W 82k ohm
R17	033-2731-15	1/10W 27k ohm
R18	033-8231-15	1/10W 82k ohm
R19	033-1051-15	1/10W 1M ohm
R20	119-2221-15	1/10W 2.2k ohm
R22	119-0000-05	1/10W 0 ohm JW
TM1	073-0768-90	TERMINAL
X2	061-3534-90	16.92MHz
PWB	039-2845-20	PWB(WITHOUT COMPONENT)

LED 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
Q2	060-4015-91	PS1192HB
S1	013-7414-50	CHUCKING

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