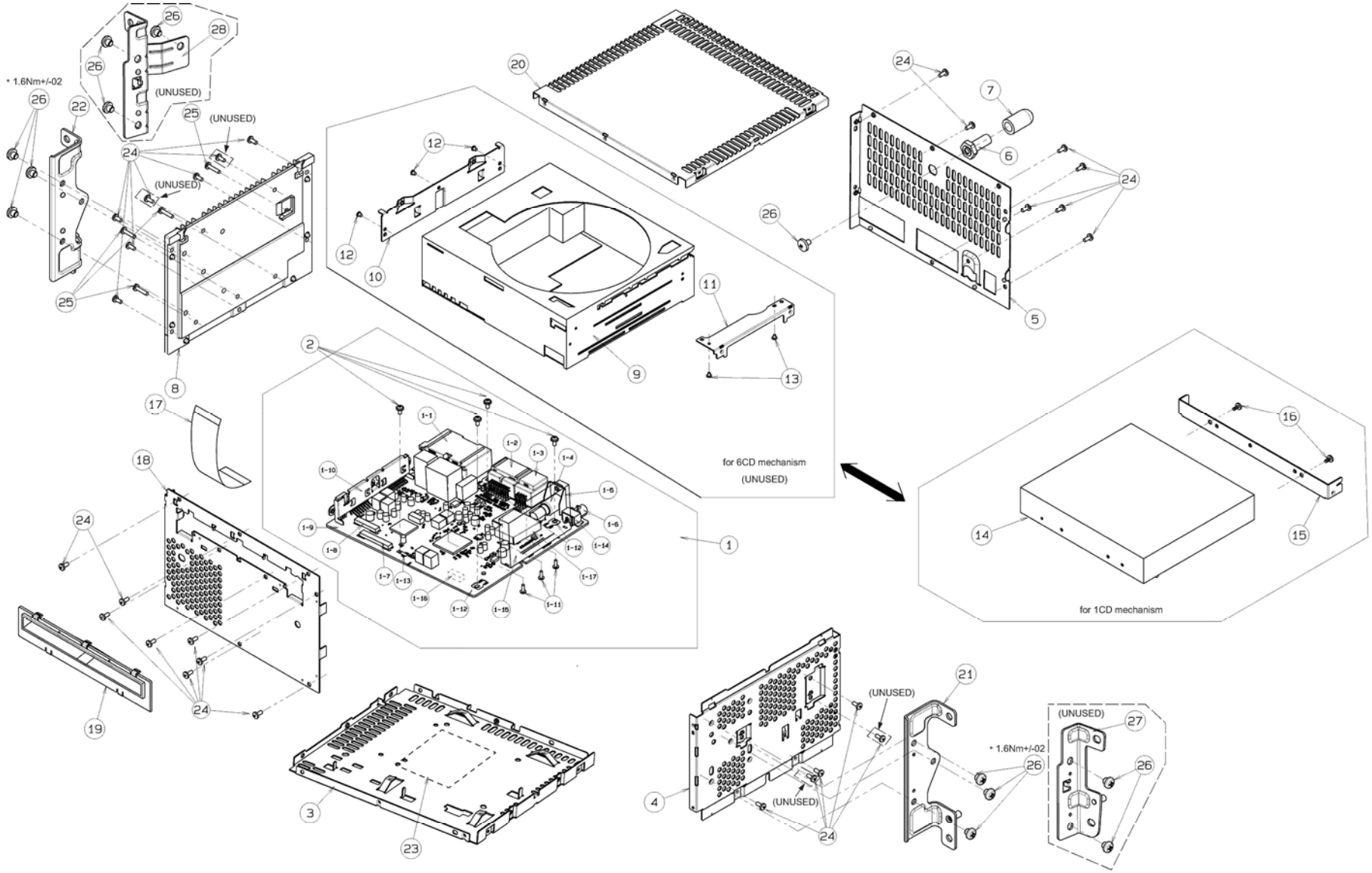
EXPLODED VIEW / PARTS LIST



NOTE
1. 21 22 (MTG-BRKT-ASSY)
1.6Nm±0.2

NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	MAIN-PWB-ASSY	1
1-1	074-4032-24	OUTLET SOCKET	1
1-2	074-4032-16	OUTLET SOCKET	1
1-3	----------	OUTLET SOCKET(unused)	-
1-4	092-2228-60	ANT-RECEPT	1
1-5	331-4433-00	ANT HOLDER	1
1-6	092-2233-00	ANT-RECEPT	1
1-7	074-1237-77	OUTLET SOCKET	1
1-8	----------	OUTLET SOCKET(unused)	-
1-9	----------	PWB(369900-039)	1
1-10	331-4432-01	IC HOLDER	1
1-11	716-3617-00	SPECIAL SCREW	2
1-12	073-0762-90	TERMINAL	3
1-13	073-0768-90	TERMINAL	1
1-14	331-4427-01	ANT BRKT	1
1-15	941-0240-41	TUNER PACK	1
1-16	076-0484-58	PLUG	1
1-17	331-5038-00	SHIELD CASE	1
2	716-0878-50	SPECIAL SCREW	4
3	304-0513-00	LOWER-CVR	1
4	305-0349-10	SIDE-CVR	1
5	307-0783-02	REAR-CVR	1
6	716-3607-00	REAR BOLT	1

NO.	PART NO.	DESCRIPTION	Q'TY
7	345-6054-00	RUBBER PART	1
8	313-2020-02	HEAT SINK	1
9	----------	6CD-MECH-MODULE(unused)	-
10	----------	MECH-BRKT(L)(unused)	-
11	----------	MECH-BRKT(R)(unused)	-
12	----------	SPECIAL SCREW(unused)	-
13	----------	SPECIAL SCREW(unused)	-
14	929-5040-80	1CD-MECH-MODULE	1
15	331-4431-10	MECH-BRKT(1CD)	1
16	714-2603-89	MACHINE SCREW	2
17	816-4066-50	FLAT WIRE	1
18	309-0847-02	FRONT PLATE	1
19	335-8124-01	DISC GUIDE	1
20	303-0494-00	UPPER-CVR	1
21	300-8145-01	MTG-BRKT-ASSY R	1
22	300-8144-01	MTG-BRKT-ASSY L	1
23	276-0736-14	SETPLATE	1
24	714-2606-8B	MACHINE SCREW	23
25	714-2612-8H	MACHINE SCREW	4
26	714-5006-8B	MACHINE SCREW	7
27	----------	MTG-BRKT-ASSY R(unused)	-
28	----------	MTG-BRKT-ASSY L(unused)	-

ELECTRICAL PARTS LIST

MAIN PWB(B1) sction

REF No.	PART No.	DESCRIPTION
ANT102	092-2233-00	ANT-RECEPT
ANT104	092-2228-60	ANT-RECEPT
BL101	941-0240-41	81UMSR5C.GP2AG
C101	045-2201-50	22pFJ CH
C102	046-1022-58	50V 1000pF
C103	046-1022-58	50V 1000pF
C104	045-4796-50	4.7pFJ CH
C105	046-1032-78	16V 0.01uF
C106	045-1201-50	12pFJ CH
C107	046-1042-78	16V 0.1uF
C108	045-1011-50	100pFJ CH
C109	045-4701-50	47pF CH
C110	046-1022-58	50V 1000pF
C111	----------	(UNUSED)
C112	045-1801-50	18pFJ CH
C113	----------	(UNUSED)
C114	----------	(UNUSED)
C115	045-2701-50	27pFJ CH
C116	----------	(UNUSED)
C117	----------	(UNUSED)
C118	046-3922-58	3900pF K B
C119	046-1022-58	50V 1000pF
C120	----------	(UNUSED)
C121	168-1042-78	16V 0.1uF K
C122	046-1032-78	16V 0.01uF
C123	----------	(UNUSED)
C124	046-1032-78	16V 0.01uF
C125	----------	(UNUSED)
C126	----------	(UNUSED)
C127	----------	(UNUSED)
C128	----------	(UNUSED)
C129	----------	(UNUSED)
C130	----------	(UNUSED)
C131	----------	(UNUSED)
C132	----------	(UNUSED)
C133	046-3322-58	3300pF K B
C134	----------	(UNUSED)
C135	046-2232-78	0.022uF K B
C136	----------	(UNUSED)
C137	166-1011-50	100pF CH
C138	166-1011-50	100pF CH
C139	046-1022-58	50V 1000pF
C140	166-1011-50	100pF CH
C141	166-1011-50	100pF CH
C142	046-2232-78	0.022uF K B
C143	163-2273-25	10V 220uF
C144	165-1073-35	16V 100uF
C145	168-2242-58	0.22uF K
C146	046-2232-78	0.022uF K B
C147	046-2232-78	0.022uF K B
C148	046-2232-78	0.022uF K B
C149	046-2232-78	0.022uF K B
C150	----------	(UNUSED)
C151	----------	(UNUSED)
C152	----------	(UNUSED)
C153	----------	(UNUSED)
C154	----------	(UNUSED)
C155	----------	(UNUSED)
C156	----------	(UNUSED)
C157	----------	(UNUSED)
C171	046-1022-58	50V 1000pF
C172	----------	(UNUSED)
C191	----------	(UNUSED)
C201	165-4753-55	35V 4.7uF
C202	165-4753-55	35V 4.7uF
C203	----------	(UNUSED)
C204	----------	(UNUSED)
C205	168-1052-78	16V 1uF K
C206	046-1042-78	16V 0.1uF
C207	046-1042-78	16V 0.1uF
C208	046-1042-78	16V 0.1uF
C209	046-1042-78	16V 0.1uF

REF No.	PART No.	DESCRIPTION
C210	168-1042-78	16V 0.1uF K
C211	046-2232-78	0.022uF K B
C212	046-2232-78	0.022uF K B
C213	046-2232-78	0.022uF K B
C214	046-2232-78	0.022uF K B
C215	046-1042-78	16V 0.1uF
C216	168-2232-55	0.022uF K
C217	166-9097-50	9pF +/-0.5pF CH
C218	168-1042-78	16V 0.1uF K
C219	166-9097-50	9pF +/-0.5pF CH
C220	----------	(UNUSED)
C221	165-4753-55	35V 4.7uF
C222	168-1042-78	16V 0.1uF K
C223	165-2263-15	6.3V 22uF
C224	168-4732-78	0.047uF K
C225	----------	(UNUSED)
C226	046-1042-78	16V 0.1uF
C227	----------	(UNUSED)
C228	165-1073-15	6.3V 100uF
C230	043-6400-90	16V 4.7uF K
C231	046-1042-78	16V 0.1uF
C232	168-2232-55	0.022uF K
C233	046-2232-78	0.022uF K B
C234	----------	(UNUSED)
C235	043-6400-90	16V 4.7uF K
C236	----------	(UNUSED)
C240	165-2263-15	6.3V 22uF
C241	----------	(UNUSED)
C242	046-1042-78	16V 0.1uF
C243	168-1052-78	16V 1uF K
C244	168-2232-55	0.022uF K
C245	168-2232-55	0.022uF K
C246	----------	(UNUSED)
C247	165-4763-15	6.3V 47uF
C248	168-2222-55	2200pF K
C249	168-2222-55	2200pF K
C250	046-1042-78	16V 0.1uF
C251	046-1042-78	16V 0.1uF
C252	046-4712-58	470pF K B
C253	046-1042-78	16V 0.1uF
C254	046-2232-78	0.022uF K B
C255	046-1042-78	16V 0.1uF
C256	----------	(UNUSED)
C257	----------	(UNUSED)
C258	045-1011-50	100pFJ CH
C259	046-3322-58	3300pF K B
C260	----------	(UNUSED)
C261	046-3322-58	3300pF K B
C262	046-3322-58	3300pF K B
C263	046-3322-58	3300pF K B
C264	168-1052-78	16V 1uF K
C265	166-2211-50	220pF CH
C266	----------	(UNUSED)
C267	042-2273-25	10V 220uF M
C268	----------	(UNUSED)
C269	----------	(UNUSED)
C270	----------	(UNUSED)
C271	168-1052-78	16V 1uF K
C272	----------	(UNUSED)
C273	168-1052-78	16V 1uF K
C274	----------	(UNUSED)
C275	----------	(UNUSED)
C276	166-2211-50	220pF CH
C277	----------	(UNUSED)
C278	166-2211-50	220pF CH
C279	168-1052-78	16V 1uF K
C280	178-1055-79	1uF
C281	168-2722-55	2700pF K
C282	168-2722-55	2700pF K
C283	178-1055-79	1uF
C284	178-1055-79	1uF
C285	168-2722-55	2700pF K

REF No.	PART No.	DESCRIPTION
C286	168-2722-55	2700pF K
C287	178-1055-79	1uF
C288	166-2211-50	220pF CH
C290	----------	(UNUSED)
C291	----------	(UNUSED)
C292	046-1042-78	16V 0.1uF
C293	168-1042-78	16V 0.1uF K
C294	168-1042-78	16V 0.1uF K
C295	046-1042-78	16V 0.1uF
C299	166-2211-50	220pF CH
C301	045-1011-50	100pFJ CH
C302	046-1042-78	16V 0.1uF
C303	----------	(UNUSED)
C304	046-1032-78	16V 0.01uF
C379	165-1073-35	16V 100uF
C400	----------	(UNUSED)
C401	042-1767-90	16V 470uF
C402	178-1042-78	0.1uF
C403	----------	(UNUSED)
C404	178-1042-78	0.1uF
C405	046-1042-78	16V 0.1uF
C406	046-1042-78	16V 0.1uF
C407	165-1063-35	16V 10uF
C408	046-1042-78	16V 0.1uF
C409	046-1042-78	16V 0.1uF
C410	168-1042-78	16V 0.1uF K
C412	046-1042-78	16V 0.1uF
C413	046-1042-78	16V 0.1uF
C414	042-1767-90	16V 470uF
C415	178-1042-78	0.1uF
C416	----------	(UNUSED)
C417	178-2222-78	2200pF
C418	178-2222-78	2200pF
C419	178-2222-78	2200pF
C420	178-2222-78	2200pF
C421	178-2222-78	2200pF
C422	178-2222-78	2200pF
C423	178-2222-78	2200pF
C424	178-2222-78	2200pF
C425	----------	(UNUSED)
C426	----------	(UNUSED)
C427	----------	(UNUSED)
C428	----------	(UNUSED)
C429	168-1022-55	1000pF K
C430	168-1042-78	16V 0.1uF K
C431	----------	(UNUSED)
C432	----------	(UNUSED)
C433	165-2263-15	6.3V 22uF
C434	165-2263-35	16V 22uF
C435	168-3332-78	0.033uF K
C436	043-6400-90	16V 4.7uF K
C437	178-2222-78	2200pF
C438	178-2222-78	2200pF
C440	----------	(UNUSED)
C441	178-2222-78	2200pF
C442	178-2222-78	2200pF
C443	178-2222-78	2200pF
C444	176-1011-59	100pF SL
C445	176-1011-59	100pF SL
C446	178-2222-78	2200pF
C447	168-1045-56	25V 0.1uF Z
C448	165-2263-15	6.3V 22uF
C449	178-2222-78	2200pF
C450	178-2222-78	2200pF
C451	178-2222-78	2200pF
C452	178-2222-78	2200pF
C453	----------	(UNUSED)
C454	166-1011-50	100pF CH
C455	168-2245-79	0.22uF Z
C457	178-2222-78	2200pF
C458	----------	(UNUSED)
C459	165-2263-35	16V 22uF

REF No.	PART No.	DESCRIPTION
C460	165-2263-35	16V 22uF
C461	046-1042-78	16V 0.1uF
C462	165-2263-35	16V 22uF
C463	046-1042-78	16V 0.1uF
C464	165-1063-35	16V 10uF
C499	----------	(UNUSED)
C500	----------	(UNUSED)
C503	165-2253-65	50V 2.2uF
C504	----------	(UNUSED)
C505	178-2255-79	2.2uF
C506	178-2255-79	2.2uF
C507	178-2255-79	2.2uF
C508	178-2255-79	2.2uF
C509	165-2263-55	35V 22uF
C510	043-0499-51	50V 0.1uF J
C511	042-1717-00	16V 3300uF
C515	046-1822-38	1800pF K B
C516	046-1822-38	1800pF K B
C519	178-4742-78	0.47uF
C520	046-1822-38	1800pF K B
C521	046-1822-38	1800pF K B
C522	178-4742-78	0.47uF
C524	178-4742-78	0.47uF
C525	168-1052-78	16V 1uF K
C527	178-4742-78	0.47uF
C533	----------	(UNUSED)
C534	----------	(UNUSED)
C535	----------	(UNUSED)
C536	----------	(UNUSED)
C542	----------	(UNUSED)
C544	----------	(UNUSED)
C545	----------	(UNUSED)
C547	----------	(UNUSED)
C549	----------	(UNUSED)
C553	----------	(UNUSED)
C554	----------	(UNUSED)
C555	----------	(UNUSED)
C556	----------	(UNUSED)
C557	----------	(UNUSED)
C558	----------	(UNUSED)
C560	----------	(UNUSED)
C563	----------	(UNUSED)
C564	----------	(UNUSED)
C600	166-1801-50	18pF CH
C601	----------	(UNUSED)
C602	----------	(UNUSED)
C603	----------	(UNUSED)
C604	165-4753-55	35V 4.7uF
C605	165-4753-55	35V 4.7uF
C607	168-1042-78	16V 0.1uF K
C608	042-4022-90	6.3V 1000uF
C609	042-4022-90	6.3V 1000uF
C610	168-1052-78	16V 1uF K
C611	168-1022-55	1000pF K
C612	168-1042-78	16V 0.1uF K
C613	046-1032-78	16V 0.01uF
C616	046-1042-78	16V 0.1uF
C680	----------	(UNUSED)
C9001	----------	(UNUSED)
C9001	----------	(UNUSED)
C9002	----------	(UNUSED)
C9002	----------	(UNUSED)
C9003	----------	(UNUSED)
D101	001-9013-90	BA891
D102	001-9013-90	BA891
D104	001-2606-90	M1FS4
D105	001-0529-14	MA8030-L
D106	----------	(UNUSED)
D400	----------	(UNUSED)
D401	----------	(UNUSED)
D402	001-0592-00	RM4Z
D403	001-4326-50	RSB27F2T106
D404	001-0516-90	MA111
D406	001-1304-90	DAN202U
D409	----------	(UNUSED)
D410	----------	(UNUSED)

REF No.	PART No.	DESCRIPTION
D411	----------	(UNUSED)
D412	----------	(UNUSED)
D414	001-0516-90	MA111
D416	001-0516-90	MA111
D418	----------	(UNUSED)
D419	001-4313-52	HZU7CZL
D420	001-0516-90	MA111
D422	----------	(UNUSED)
D423	----------	(UNUSED)
D501	001-4312-21	02DZ3.9Z TPH3-F
D502	001-0516-90	MA111
D505	001-1304-90	DAN202U
D601	----------	(UNUSED)
D603	----------	(UNUSED)
D9001	----------	(UNUSED)
IC101	051-4025-90	TEF7000
IC201	----------	SAF7741HV/ N127(CENTER PAD SOLDER)(674710-051)
IC401	051-3510-01	TDA3681JR/N2C
IC402	----------	(UNUSED)
IC403	051-3584-90	BU33TA2WHFV-TR
IC404	051-3577-90	S1206B33U3T1G
IC405	051-3218-90	TA76431F
IC406	051-3598-90	BU15TA2WHFV
IC407	051-6653-80	SN65HVD1040QD RQ1
IC408	----------	(UNUSED)
IC501	051-2068-00	TDA7562B
IC503	----------	(UNUSED)
IC504	----------	(UNUSED)
IC601	051-7108-80	HEF4053B-MSI
IC602	----------	uPD70F3351GC-8EA-A(Combination software:Software should be witten on production)(031610-052)
IC603	051-5423-08	S-80929CLMC-G6Z
IC604	----------	BR24S16FVT-WTR051(EEPROM Date:Software should be written on production)(942680-051)
J302	074-1237-77	27P
J401	074-4032-24	24P
J403	074-4032-16	16P
J601	076-0484-58	5pin
J602	----------	(UNUSED)
L101	010-3406-56	3.3uH J
L102	010-3062-54	290nH
L103	010-3439-50	047uH
L104	010-3062-54	290nH
L105	010-3439-51	1.8uH
L106	010-3062-53	0.215uH
L107	010-2290-52	330uH
L108	010-2290-52	330uH
L109	010-3440-50	6.8uH
L110	010-2285-64	1k ohm/100MHz
L201	010-2285-64	1k ohm/100MHz
L202	010-2285-64	1k ohm/100MHz
L203	010-2285-64	1k ohm/100MHz
L204	010-3132-90	600 ohm/100MHz
L205	010-2285-64	1k ohm/100MHz
L206	010-2285-64	1k ohm/100MHz
L207	010-2285-64	1k ohm/100MHz
L208	010-2285-64	1k ohm/100MHz
L209	010-2285-64	1k ohm/100MHz
L292	010-2285-64	1k ohm/100MHz
L294	010-2285-64	1k ohm/100MHz
L295	010-2285-64	1k ohm/100MHz
L296	010-2285-64	1k ohm/100MHz
L401	010-8049-00	145uH
L402	010-2285-64	1k ohm/100MHz

REF No.	PART No.	DESCRIPTION
L601	010-3105-62	1k ohm/100MHz
L602	010-3105-62	1k ohm/100MHz
Q104	125-2046-91	DTC114EUBTL
Q105	----------	(UNUSED)
Q201	125-7021-90	RQ1A060ZPTR
Q400	192-4081-60	2SC4081UBTL
Q401	192-4081-60	2SC4081UBTL
Q402	----------	(UNUSED)
Q403	----------	(UNUSED)
Q405	----------	(UNUSED)
Q406	----------	(UNUSED)
Q407	103-2394-00	2SD2394
Q408	----------	(UNUSED)
Q410	----------	(UNUSED)
Q412	125-9015-92	RN4902
Q413	----------	(UNUSED)
Q414	----------	(UNUSED)
Q418	125-9015-92	RN4902
Q421	----------	(UNUSED)
Q424	----------	(UNUSED)
Q502	125-9015-92	RN4902
Q504	125-2046-91	DTC114EUBTL
Q510	----------	(UNUSED)
Q511	----------	(UNUSED)
Q512	----------	(UNUSED)
Q513	----------	(UNUSED)
Q601	----------	(UNUSED)
Q602	----------	(UNUSED)
R101	033-4741-15	1/16W 470k ohm J
R103	033-4741-15	1/16W 470k ohm J
R104	033-3311-15	1/16W 330 ohm J
R105	033-1811-15	1/16W 180 ohm J
R106	----------	(UNUSED)
R107	033-5601-15	1/16W 56 ohm J
R109	----------	(UNUSED)
R110	----------	(UNUSED)
R111	----------	(UNUSED)
R113	119-1001-15	1/10W 10 ohm
R114	119-1001-15	1/10W 10 ohm
R116	119-1011-15	1/10W 100 ohm
R117	119-1011-15	1/10W 100 ohm
R118	119-1011-15	1/10W 100 ohm
R120	----------	(UNUSED)
R121	----------	(UNUSED)
R122	033-1031-15	1/16W 10k ohm J
R123	033-2231-15	1/16W 22k ohm J
R124	033-1031-15	1/16W 10k ohm J
R125	119-1011-15	1/10W 100 ohm
R126	119-1011-15	1/10W 100 ohm
R127	119-1011-15	1/10W 100 ohm
R128	119-0000-05	1/10W 0 ohm JW
R129	033-3921-15	1/16W 3.9k ohm J
R130	----------	(UNUSED)
R131	033-1031-15	1/16W 10k ohm J
R132	033-0000-05	1/16W 0 ohm
R133	033-0000-05	1/16W 0 ohm
R134	033-0000-05	1/16W 0 ohm
R135	033-0000-05	1/16W 0 ohm
R136	033-0000-05	1/16W 0 ohm
R147	033-0000-05	1/16W 0 ohm
R148	033-0000-05	1/16W 0 ohm
R191	033-4701-15	1/16W 47 ohm J
R201	119-1031-15	1/10W 10k ohm
R202	033-0000-05	1/16W 0 ohm
R203	033-0000-05	1/16W 0 ohm
R205	119-0000-05	1/10W 0 ohm JW
R207	119-1031-15	1/10W 10k ohm
R208	119-1031-15	1/10W 10k ohm
R211	119-0000-05	1/10W 0 ohm JW
R212	119-2201-15	1/10W 22 ohm
R216	119-4731-15	1/10W 47k ohm
R217	119-0000-05	1/10W 0 ohm JW
R218	119-0000-05	1/10W 0 ohm JW
R219	----------	(UNUSED)
R220	119-1001-15	1/10W 10 ohm
R221	033-0000-05	1/16W 0 ohm

REF No.	PART No.	DESCRIPTION
R222	119-4731-15	1/10W 47k ohm
R223	119-0000-05	1/10W 0 ohm JW
R224	119-0000-05	1/10W 0 ohm JW
R225	119-1241-15	1/10W 120k ohm
R226	----------	(UNUSED)
R227	----------	(UNUSED)
R228	119-0000-05	1/10W 0 ohm JW
R229	----------	(UNUSED)
R230	033-1011-15	1/16W 100 ohm J
R231	033-1011-15	1/16W 100 ohm J
R232	032-0140-99	1/10W 39k ohm F
R233	033-0000-05	1/16W 0 ohm
R234	033-0000-05	1/16W 0 ohm
R235	032-0140-99	1/10W 39k ohm F
R236	032-0140-95	1/10W 20k ohm F
R237	032-0140-95	1/10W 20k ohm F
R238	032-0140-95	1/10W 20k ohm F
R239	032-0140-95	1/10W 20k ohm F
R240	119-2031-15	1/10W 20k ohm
R241	119-2031-15	1/10W 20k ohm
R242	119-1001-15	1/10W 10 ohm
R243	032-0140-89	1/10W 47k ohm F
R244	119-0000-05	1/10W 0 ohm JW
R245	033-1011-15	1/16W 100 ohm J
R246	032-0140-89	1/10W 47k ohm F
R247	032-0140-89	1/10W 47k ohm F
R248	119-0000-05	1/10W 0 ohm JW
R249	119-1041-15	1/10W 100k ohm
R251	032-0140-89	1/10W 47k ohm F
R252	032-0140-62	1/10W 1k ohm F
R253	032-0140-62	1/10W 1k ohm F
R254	032-0140-62	1/10W 1k ohm F
R255	032-0140-62	1/10W 1k ohm F
R256	032-0140-99	1/10W 39k ohm F
R257	033-0000-05	1/16W 0 ohm
R258	032-0140-99	1/10W 39k ohm F
R259	119-0000-05	1/10W 0 ohm JW
R260	119-1041-15	1/10W 100k ohm
R261	119-0000-05	1/10W 0 ohm JW
R263	033-1031-15	1/16W 10k ohm J
R264	----------	(UNUSED)
R291	117-0000-05	1/8W 0 ohm JW
R301	033-8221-15	1/16W 8.2k ohm J
R400	116-2011-15	1/4W 200 ohm
R401	119-1041-15	1/10W 100k ohm
R402	----------	(UNUSED)
R403	----------	(UNUSED)
R404	033-1021-15	1/16W 1k ohm J
R405	033-1021-15	1/16W 1k ohm J
R406	033-1021-15	1/16W 1k ohm J
R407	----------	(UNUSED)
R408	----------	(UNUSED)
R409	032-0140-56	1/10W 12k ohm F
R410	032-0140-80	1/10W 18k ohm F
R411	----------	(UNUSED)
R412	033-3321-15	1/16W 3.3k ohm J
R413	----------	(UNUSED)
R414	119-9121-15	1/10W 9.1k ohm
R415	----------	(UNUSED)
R416	033-3321-15	1/16W 3.3k ohm J
R417	----------	(UNUSED)
R418	119-0000-05	1/10W 0 ohm JW
R420	119-4721-15	1/10W 4.7k ohm
R421	----------	(UNUSED)
R422	----------	(UNUSED)
R423	----------	(UNUSED)
R424	----------	(UNUSED)
R425	116-5611-15	1/4W 560 ohm
R426	116-5611-15	1/4W 560 ohm
R427	----------	(UNUSED)
R428	----------	(UNUSED)
R430	119-1031-15	1/10W 10k ohm
R431	----------	(UNUSED)
R432	119-2231-15	1/10W 22k ohm
R433	----------	(UNUSED)

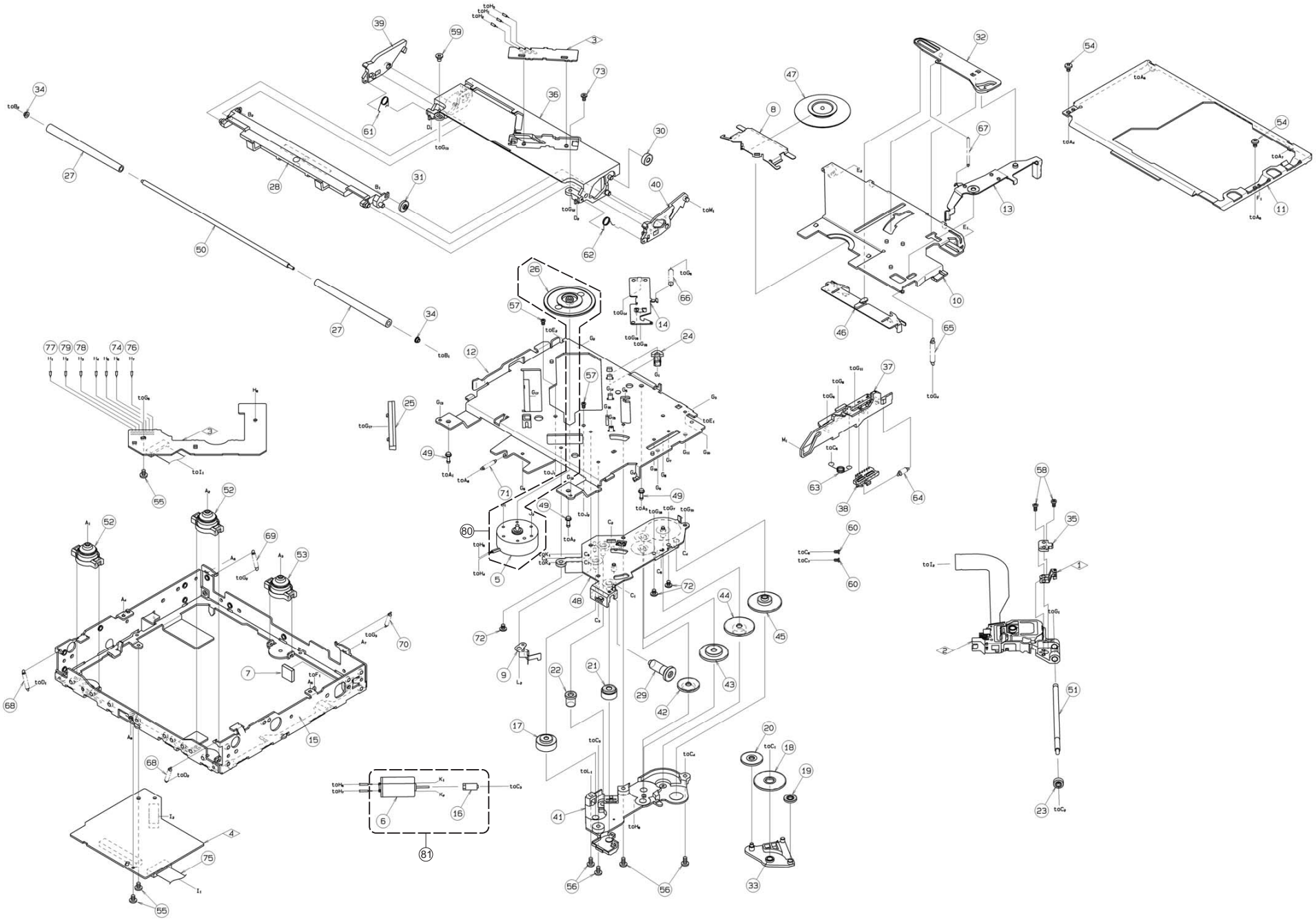
REF No.	PART No.	DESCRIPTION
R436	----------	(UNUSED)
R439	----------	(UNUSED)
R440	----------	(UNUSED)
R441	----------	(UNUSED)
R442	----------	(UNUSED)
R443	----------	(UNUSED)
R444	----------	(UNUSED)
R445	----------	(UNUSED)
R446	----------	(UNUSED)
R448	119-0000-05	1/10W 0 ohm JW
R449	119-1031-15	1/10W 10k ohm
R451	033-1021-15	1/16W 1k ohm J
R456	----------	(UNUSED)
R457	119-2241-15	1/10W 220k ohm
R458	119-1021-15	1/10W 1k ohm
R459	119-2231-15	1/10W 22k ohm
R460	----------	(UNUSED)
R461	----------	(UNUSED)
R463	119-1041-15	1/10W 100k ohm
R464	119-1041-15	1/10W 100k ohm
R465	119-1041-15	1/10W 100k ohm
R466	119-5621-15	1/10W 5.6k ohm
R467	----------	(UNUSED)
R468	----------	(UNUSED)
R469	119-1041-15	1/10W 100k ohm
R470	119-1041-15	1/10W 100k ohm
R471	033-1011-15	1/16W 100 ohm J
R472	119-1231-15	1/10W 12k ohm
R473	----------	(UNUSED)
R474	----------	(UNUSED)
R475	116-2011-15	1/4W 200 ohm
R476	116-2011-15	1/4W 200 ohm
R477	116-2011-15	1/4W 200 ohm
R478	----------	(UNUSED)
R479	----------	(UNUSED)
R480	----------	(UNUSED)
R501	033-0000-05	1/16W 0 ohm
R502	----------	(UNUSED)
R503	033-8221-15	1/16W 8.2k ohm J
R504	033-0000-05	1/16W 0 ohm
R505	----------	(UNUSED)
R507	033-1021-15	1/16W 1k ohm J
R509	033-1021-15	1/16W 1k ohm J
R512	033-8221-15	1/16W 8.2k ohm J
R513	119-4721-15	1/10W 4.7k ohm
R514	119-2231-15	1/10W 22k ohm
R515	033-8221-15	1/16W 8.2k ohm J
R516	033-8221-15	1/16W 8.2k ohm J
R517	033-3331-15	1/16W 33k ohm J
R518	033-3331-15	1/16W 33k ohm J
R519	033-3331-15	1/16W 33k ohm J
R520	033-3331-15	1/16W 33k ohm J
R521	033-1021-15	1/16W 1k ohm J
R523	033-1021-15	1/16W 1k ohm J
R529	119-1031-15	1/10W 10k ohm
R530	119-1021-15	1/10W 1k ohm
R533	----------	(UNUSED)
R534	----------	(UNUSED)
R539	----------	(UNUSED)
R541	----------	(UNUSED)
R542	----------	(UNUSED)
R543	----------	(UNUSED)
R544	----------	(UNUSED)
R545	----------	(UNUSED)
R546	----------	(UNUSED)
R548	----------	(UNUSED)
R549	----------	(UNUSED)
R550	----------	(UNUSED)
R551	----------	(UNUSED)
R552	----------	(UNUSED)
R553	----------	(UNUSED)
R554	----------	(UNUSED)
R555	----------	(UNUSED)
R556	----------	(UNUSED)
R557	----------	(UNUSED)

REF No.	PART No.	DESCRIPTION
R558	----------	(UNUSED)
R559	----------	(UNUSED)
R560	----------	(UNUSED)
R561	----------	(UNUSED)
R562	----------	(UNUSED)
R564	----------	(UNUSED)
R565	----------	(UNUSED)
R568	----------	(UNUSED)
R571	033-1011-15	1/16W 100 ohm J
R572	033-1011-15	1/16W 100 ohm J
R601	033-6831-15	1/16W 68k ohm J
R602	033-6831-15	1/16W 68k ohm J
R603	033-1011-15	1/16W 100 ohm J
R608	033-3331-15	1/16W 33k ohm J
R609	----------	(UNUSED)
R610	----------	(UNUSED)
R611	033-4731-15	1/16W 47k ohm J
R613	----------	(UNUSED)
R614	----------	(UNUSED)
R615	033-3331-15	1/16W 33k ohm J
R616	033-3331-15	1/16W 33k ohm J
R617	033-3331-15	1/16W 33k ohm J
R621	----------	(UNUSED)
R622	033-1011-15	1/16W 100 ohm J
R623	033-1031-15	1/16W 10k ohm J
R624	033-1011-15	1/16W 100 ohm J
R625	033-1031-15	1/16W 10k ohm J
R627	033-3331-15	1/16W 33k ohm J
R628	----------	(UNUSED)
R629	119-3331-15	1/10W 33k ohm
R630	119-3331-15	1/10W 33k ohm
R631	033-4731-15	1/16W 47k ohm J
R632	----------	(UNUSED)
R633	----------	(UNUSED)
R634	----------	(UNUSED)
R635	033-3321-15	1/16W 3.3k ohm J
R636	----------	(UNUSED)
R637	----------	(UNUSED)
R642	----------	(UNUSED)
R643	----------	(UNUSED)
R644	----------	(UNUSED)
R646	033-1011-15	1/16W 100 ohm J
R647	033-1011-15	1/16W 100 ohm J
R648	033-3331-15	1/16W 33k ohm J
R649	----------	(UNUSED)
R650	033-3331-15	1/16W 33k ohm J
R651	----------	(UNUSED)
R652	033-6831-15	1/16W 68k ohm J
R653	033-3331-15	1/16W 33k ohm J
R654	033-3331-15	1/16W 33k ohm J
R655	033-1231-15	1/16W 12k ohm J
R656	033-1031-15	1/16W 10k ohm J
R657	033-1031-15	1/16W 10k ohm J
R660	032-0148-52	1/16W 24k ohm D
R661	032-0148-52	1/16W 24k ohm D
R670	033-1021-15	1/16W 1k ohm J
R671	033-1021-15	1/16W 1k ohm J
R672	033-1021-15	1/16W 1k ohm J
R673	119-3321-15	1/10W 3.3k ohm
R9001	----------	(UNUSED)
R9001	----------	(UNUSED)
R9002	----------	(UNUSED)
R9003	----------	(UNUSED)
SUP101	060-0122-91	DSP-141N-S00B
TC601	004-1589-52	20pF
TH101	002-0330-90	THERMISTOR
TM101	073-0762-90	TERMINAL
TM102	073-0768-90	TERMINAL
TM103	073-0762-90	TERMINAL
TM104	073-0762-90	TERMINAL
X201	061-3537-90	41.6MHz
X601	061-3561-90	AT-41CD2 3.997696MHz
PWB	039-3699-00	PWB(WITHOUT COMPONENT)

EXPLODED VIEW/PARTS LIST

NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1722-21	SH-RACK-ASSY	1
2	969-0075-30	PICK UP-ASSY	1
3	----------	SENSOR-PWB-ASSY(5000AI-95)	1
4	----------	MAIN-PWB-ASSY(5040AH-97)	1
5	----------	SP DC-MOTOR(152730-020)	1
6	----------	PWR DC-MOTOR(251200-020)	1
7	345-5476-20	CUSHION RUBBER	1
8	620-1023-23	CLAMPER PLATE	1
9	620-1026-21	SPRING PLATE	1
10	620-1596-23	CLAMPER LINK	1
11	620-1862-20	UPPER CHASSIS	1
12	620-1866-20	DRIVE PLATE	1
13	620-1752-20	SENSOR ARM	1
14	620-1753-20	ID-LOCK PLATE	1
15	620-1868-20	LOWER CHASSIS	1
16	----------	MOTOR GEAR(060721-621)	1
17	621-0608-21	SECOND GEAR	1
18	621-0609-21	BASE GEAR	1
19	621-0610-21	IDLE GEAR A	1
20	621-0611-21	IDLE GEAR B	1
21	621-0612-22	ROLLER GEAR A	1
22	621-0620-20	THREAD GEAR A	1
23	621-0621-20	THREAD GEAR B	1
24	621-0623-24	LS-HOLDER	1
25	621-0624-22	GUIDE RAIL	1
26	----------	TURN TABLE(063820-621)	1
27	621-0711-21	LOADING ROLLER	2
28	621-0718-21	ROLLER GUIDE	1
29	621-0719-20	ROLLER GEAR B	1
30	621-0720-20	ROLLER GEAR C	1
31	621-0721-20	ROLLER GEAR D	1
32	621-0728-20	STOPPER LINK	1
33	621-1719-21	IDLE CASE	1
34	621-1726-21	ROLLER SLEEVE	2
35	621-1729-21	SH-BASE	1
36	621-1742-20	UPPER GUIDE	1
37	621-1743-20	SHIFT LEVER	1
38	621-1744-20	RACK	1
39	621-1745-20	LOCK ARM L	1
40	621-1746-20	LOCK ARM R	1
41	621-1747-20	GEAR COVER	1

NO.	PART NO.	DESCRIPTION	Q'TY
42	621-1748-20	POWER GEAR A	1
43	621-1749-20	POWER GEAR B	1
44	621-1750-20	POWER GEAR C	1
45	621-1751-20	POWER GEAR D	1
46	621-1752-20	DISC STOPPER	1
47	621-1753-20	CLAMPER RING	1
48	621-1754-20	GEAR BASE	1
49	622-1570-21	DAMPER PIN	3
50	622-1571-21	ROLLER SHAFT	1
51	624-3059-00	LEAD SCREW	1
52	629-0086-20	DAMPER F	2
53	629-0087-20	DAMPER R	1
54	714-2003-8B	MACHINE SCREW	2
55	716-1507-01	SCREW	3
56	716-1670-01	SPECIAL SCREW	4
57	716-1733-01	SCREW	2
58	716-3469-01	SPECIAL SCREW	2
59	716-3473-01	SPECIAL SCREW	1
60	716-3551-00	SPECIAL SCREW	2
61	750-6797-20	ROLLER SPRING L	1
62	750-6798-20	ROLLER SPRING R	1
63	750-7865-20	SHIFT SPRING	1
64	750-7866-20	RACK SPRING	1
65	750-7867-20	CLAMPER SPRING	1
66	750-7868-20	ID-LOCK SPRING	1
67	750-7869-20	SENSOR SPRING	1
68	750-7870-20	DR-SPRING F	2
69	750-7871-20	DR-SPRING RA	1
70	750-7872-20	DR-SPRING RB	1
71	750-7873-20	DR-SPRING C	1
72	780-2025-00	SCREW	3
73	781-1730-00	SCREW	1
74	803-4906-60	VINYL-COAT-WIRE	1
75	816-2542-01	FLAT WIRE	1
76	816-2590-00	SPECIAL LEAD	1
77	816-2591-00	SPECIAL LEAD	1
78	816-2592-00	SPECIAL LEAD	1
79	816-2593-00	SPECIAL LEAD	1
80	SMA-182-200	SPINDLE MOTOR ASSY	1
81	SMA-197-100	POWER MOTOR ASSY	1



ELECTRICAL PARTS LIST

MAIN PWB section

REF No.	PART No.	DESCRIPTION
C3	168-1052-78	16V 1uF K
C6	168-1052-78	16V 1uF K
C7	042-0560-85	6.3V 100uF
C8	168-1052-78	16V 1uF K
C10	046-1042-78	16V 0.1uF
C11	168-1042-78	16V 0.1uF K
C14	046-4722-58	4700pF K B
C17	165-1073-35	16V 100uF
C18	168-1042-78	16V 0.1uF K
C19	046-1042-78	16V 0.1uF
C20	046-1532-78	0.015uF K B
C21	046-1042-78	16V 0.1uF
C22	168-1042-78	16V 0.1uF K
C23	046-1522-58	1500pF K B
C24	046-1042-78	16V 0.1uF
C25	046-2222-58	2200pF K B
C27	168-1042-78	16V 0.1uF K
C29	046-1032-78	16V 0.01uF
C30	046-4712-58	470pF K B
C31	046-4712-58	470pF K B
C32	046-3332-78	0.033uF K B
C33	168-1532-55	0.015uF K
C34	168-1042-78	16V 0.1uF K
C36	046-6822-58	6800pF K B
C37	045-4701-50	47pF CH
C39	046-1042-78	16V 0.1uF
C40	168-1042-78	16V 0.1uF K
C41	046-5622-58	5600pF K B
C42	168-1042-78	16V 0.1uF K
C43	046-4732-78	16V 0.047uF
C44	046-4732-78	16V 0.047uF
C45	168-1042-78	16V 0.1uF K
C46	043-0570-90	16V 2.2uF K
C49	168-1042-78	16V 0.1uF K
C50	045-1201-50	12pFJ CH

REF No.	PART No.	DESCRIPTION
C51	045-1201-50	12pFJ CH
C58	045-6097-50	6 +/-0.5pF CH
C64	165-4763-15	6.3V 47uF
C68	168-1042-78	16V 0.1uF K
C74	165-4763-15	6.3V 47uF
C75	168-1042-78	16V 0.1uF K
C77	046-1042-78	16V 0.1uF
C78	168-1042-78	16V 0.1uF K
C80	168-1042-78	16V 0.1uF K
C81	046-1042-78	16V 0.1uF
C83	042-1710-90	6.3V 100uF
CCT1	050-0140-57	1/32W 10k ohm x4J
D1	001-9210-50	AVR-M1608C270MT AAD
IC1	051-6752-00	TC94A92FG-301
IC2	051-6101-90	BD8226EFV
IC3	051-3579-90	S1112B15MCL6ATF G
IC4	051-3516-90	S-1132B33-U5T1G
J1	074-1138-65	15P
J2	074-1138-60	10P
J3	074-1237-77	27P
Q1	190-2060-00	2SA2060
R1	033-2211-15	1/16W 220 ohm J
R2	117-6811-15	1/10W 680 ohm
R3	117-1001-15	1/8W 10 ohm
R4	033-1831-15	1/16W 18k ohm J
R5	033-1231-15	1/16W 12k ohm J
R6	033-1541-15	1/16W 150k ohm J
R7	033-1031-15	1/16W 10k ohm J
R8	033-0000-05	1/16W 0 ohm
R9	033-2211-15	1/16W 220 ohm J
R10	033-0000-05	1/16W 0 ohm
R11	033-1531-15	1/16W 15k ohm J
R12	033-4731-15	1/16W 47k ohm J

REF No.	PART No.	DESCRIPTION
R13	033-3341-15	1/16W 330k ohm J
R14	033-0000-05	1/16W 0 ohm
R15	033-4731-15	1/16W 47k ohm J
R16	033-3331-15	1/16W 33k ohm J
R17	119-0000-05	1/10W 0 ohm JW
R18	033-1051-15	1/16W 1M ohm J
R19	033-2221-15	1/16W 2.2k ohm J
R20	119-0000-05	1/10W 0 ohm JW
R21	119-1011-15	1/10W 100 ohm
R22	033-0000-05	1/16W 0 ohm
R23	119-0000-05	1/10W 0 ohm JW
R24	119-0000-05	1/10W 0 ohm JW
R25	033-0000-05	1/16W 0 ohm
R27	033-0000-05	1/16W 0 ohm
R28	033-0000-05	1/16W 0 ohm
R29	033-0000-05	1/16W 0 ohm
R30	033-0000-05	1/16W 0 ohm
R31	033-0000-05	1/16W 0 ohm
R32	033-0000-05	1/16W 0 ohm
R33	033-0000-05	1/16W 0 ohm
R34	033-0000-05	1/16W 0 ohm
R35	033-0000-05	1/16W 0 ohm
R36	033-0000-05	1/16W 0 ohm
R37	033-0000-05	1/16W 0 ohm
R38	033-0000-05	1/16W 0 ohm
R39	033-0000-05	1/16W 0 ohm
R40	033-1041-15	1/16W 100k ohm J
R45	033-1021-15	1/16W 1k ohm J
R68	033-1021-15	1/16W 1k ohm J
R91	119-0000-05	1/10W 0 ohm JW
R94	119-0000-05	1/10W 0 ohm JW
TM1	073-0768-90	TERMINAL
X1	061-3572-90	16.92MHz
PWB	039-3700-00	PWB(WITHOUT COMPONENTS)

SENSOR PWB section

REF No.	PART No.	DESCRIPTION
D1	001-7058-90	AN1105W-RR
D2	001-7058-90	AN1105W-RR
J1	074-1138-60	10P
Q1	060-4015-91	PS1192HB
Q2	060-4015-91	PS1192HB
S1	013-7414-50	CHUCKING
S2	013-7413-50	LIMIT
PWB	039-2675-20	PWB(WITHOUT COMPONENTS)