

7-2 Electrical Parts List

SEC CODE	DESCRIPTION	PART NO.	REMARK
0401 - 001052	DIODE - SWITCHING	D101 D109	
0405 - 000107	DIODE - VARACTOR	D401 D402 D403 D404	
0407 - 000115	DIODE - ARRAY	D103 D105 D106	
0407 - 000122	DIODE - ARRAY	D102 D104	
0407 - 000127	DIODE - ARRAY	D107 D108 D481	
0409 - 000108	DIODE - PIN	D301	
0501 - 000162	TR - SMALL SIGNAL	Q116 Q450 Q452	
0501 - 000218	TR - SMALL SIGNAL	Q102 Q108 Q114 Q301	
0501 - 000218	TR - SMALL SIGNAL	Q451	
0501 - 000457	TR - SMALL SIGNAL	Q113 Q115	
0501 - 000689	TR - SMALL SIGNAL	Q304	
0501 - 002063	TR - SMALL SIGNAL	Q303	
0501 - 002208	TR - SMALL SIGNAL	Q109	
0504 - 000167	TR - DIGITAL	Q119 Q481 Q482	
0504 - 000168	TR - DIGITAL	Q103 Q121	
0504 - 000172	TR - DIGITAL	Q111 Q120	
0504 - 001016	TR - DIGITAL	Q485	
0501 - 001062	FET - GaAs	U301	
0505 - 001095	FET - SILICON	U106	
0505 - 001119	FET - SILICON	Q302	
0505 - 001165	FET - SILICON	U104	
0505 - 001170	FET - SILICON	U484	
0601 - 000355	LED - CHIP - RED	D116	
0801 - 000304	IC - CMOS - LOGIC	U105	
0803 - 003010	IC - TTL	U114	
0904 - 001183	IC - DSP	U201	
1001 - 001019	IC - ANALOG MULTIPLEX	U481	
1103 - 001062	IC - EEPROM	U102	
1106 - 001126	IC - SRAM	U702	
1106 - 001130	IC - SRAM	U703	
1107 - 001062	IC - SRAM	U701	

SEC CODE	DESCRIPTION	PART NO.	REMARK
1201 - 000103	IC - AUDIO AMP	U111	
1201 - 001006	IC - OP AMP	U462 U463	
1201 - 001090	IC - PREAMP	U385	
1201 - 001175	IC - PREAMP	U464	
1201 - 001176	IC - PREAMP	U461	
1201 - 001257	IC - AGC AMP	U302	
1201 - 001259	IC - POWER AMP	U467	
1202 - 000192	IC - CMOS COMPARATOR	U118	
1203 - 000392	IC - RESET	UX101	
1203 - 001107	IC - VOLTAGE REGULATOR	U482	
1203 - 001256	IC - VOLTAGE REGULATOR	U382	
1203 - 001268	IC - VOLTAGE REGULATOR	U124	
1203 - 001285	IC - SWITCH VOL.	U483	
1203 - 001390	IC - VOLTAGE REGULATOR	U122	
1203 - 001396	IC - PWM CONTROLLER	U123	
1204 - 001106	IC - ASP	U117	
1205 - 001253	IC - MIXER	U460	
1205 - 001383	IC - DATA COMM.	U101	
1205 - 001451	IC - DATA COMM.	U401	
1209 - 000142	IC - SYNTHESIZER	U342	
1209 - 001078	IC - PLL SYNTHESIZER	U402	
1404 - 001040	THERMISTOR - NTC	R498	
2007 - 000070	R - CHIP 0	L450	
2007 - 000137	R - CHIP 2 K 1/16 W	R417 R130	
2007 - 000138	R - CHIP 100 1/16 W	R154	
2007 - 000140	R - CHIP 1 K 1/16 W	R192 R205 R156 R158 R147	
2007 - 000140	R - CHIP 1 K 1/16 W	R132 R188 R346 R416 R451	
2007 - 000140	R - CHIP 1 K 1/16 W	R209 R345 R109	
2007 - 000141	R - CHIP 2.2 K 1/16 W	R128 R303	
2007 - 000142	R - CHIP 2.7 K 1/16 W	R456 R486 R141	
2007 - 000143	R - CHIP 4.7 K 1/16 W	R129 R145 R152 R173 R176	
2007 - 000143	R - CHIP 4.7 K 1/16 W	R466 R140 R411	
2007 - 000146	R - CHIP 6.8 K 1/16 W	R455	

SEC CODE	DESCRIPTION	PART NO.	REMARK
2007 - 000148	R - CHIP 10 K 1/16 W	R180 R182 R184 R185 R473	
2007 - 000148	R - CHIP 10 K 1/16 W	R157 R159 R143 R144 R702	
2007 - 000148	R - CHIP 10 K 1/16 W	R460 R178 R137R414 R485	
2007 - 000148	R - CHIP 10 K 1/16 W	R174 R305 R337 R406 R407	
2007 - 000148	R - CHIP 10 K 1/16 W	R413 R462 R464 R415 R496	
2007 - 000148	R - CHIP 10 K 1/16 W	U485 R701	
2007 - 000149	R - CHIP 12 K 1/16 W	R103 R104 U704	
2007 - 000151	R - CHIP 15 K 1/16 W	R208 R307	
2007 - 000152	R - CHIP 20 K 1/16 W	R133 R134	
2007 - 000153	R - CHIP 22 K 1/16 W	R119 R181 R131 R106 R189	
2007 - 000153	R - CHIP 22 K 1/16 W	R474	
2007 - 000155	R - CHIP 27 K 1/16 W	R463 R251 R252 R170	
2007 - 000155	R - CHIP 27 K 1/16 W	R136	
2007 - 000157	R - CHIP 47 K 1/16 W	R481 R482 R483 R484	
2007 - 000157	R - CHIP 47 K 1/16 W	R349 R139	
2007 - 000159	R - CHIP 56 K 1/16 W	R148	
2007 - 000162	R - CHIP 100 K 1/16 W	R122 R151 R153 R107 R171	
2007 - 000162	R - CHIP 100 K 1/16 W	R120 R116 R111 R112 R108	
2007 - 000162	R - CHIP 100 K 1/16 W	R110 R105 R123 R118	
2007 - 000164	R - CHIP 150 K 1/16 W	R114	
2007 - 000171	R - CHIP 0 1/16 W	R183 R216 R215 R364 R425	
2007 - 000171	R - CHIP 0 1/16 W	R408 R409 R165 R204 R418	
2007 - 000171	R - CHIP 0 1/16 W	C318 C155 R316 R422	
2007 - 000171	R - CHIP 0 1/16 W	R423 C444 C445 RX201 LX101	
2007 - 000172	R - CHIP 10 1/16 W	R306 R350 R347 R348 R356	
2007 - 000172	R - CHIP 10 1/16 W	R339 R341 R401 R419 R344	
2007 - 000173	R - CHIP 22 1/16 W	R468	
2007 - 000155	R - CHIP 27 K 1/16 W	R149	
2007 - 000772	R - CHIP 33 K 1/16 W	R121	
2007 - 000831	R - CHIP 39 K 1/16 W	R135 R177	
2007 - 000932	R - CHIP 470 1/16 W	R127 R155 R301	
2007 - 000982	R - CHIP 5.6 K 1/16 W	R362 R453 R454 R476	
2007 - 001119	R - CHIP 680 1/16 W	R355	

SEC CODE	DESCRIPTION	PART NO.	REMARK
2007 - 001217	R - CHIP 82 1/16 W	R186 R187	
2007 - 001244	R - CHIP 91 K 1/16 W	R102 R175	
2007 - 001288	R - CHIP 18 1/16 W	R360	
2007 - 001294	R - CHIP 36 1/16 W	R191 R193 R194 R336	
2007 - 001295	R - CHIP 39 1/16 W	R304	
2007 - 001305	R - CHIP 120 1/16 W	R467 R469	
2007 - 001306	R - CHIP 150 1/16 W	R361 R358 R309 R310	
2007 - 001307	R - CHIP 180 1/16 W	R217	
2007 - 001311	R - CHIP 270 1/16 W	R308 R357	
2007 - 001313	R - CHIP 330 1/16 W	RX102 RX501 RX502 RX503	
2007 - 001313	R - CHIP 330 1/16 W	RX504	
2007 - 001319	R - CHIP 1.2 K 1/16 W	R490 RX101 RX103	
2007 - 001320	R - CHIP 1.8 K 1/16 W	R410	
2007 - 001323	R - CHIP 3 K 1/16 W	R475	
2007 - 001325	R - CHIP 3.3 K 1/16 W	R190	
2007 - 001333	R - CHIP 18 K 1/16 W	R335	
2007 - 000161	R - CHIP 82 K 1/16 W	R166	
2007 - 002797	R - CHIP 560 1/16 W	R452	
2007 - 002965	R - CHIP 15 1/16 W	R313	
2007 - 007001	R - CHIP 3.9 K 1/16 W	R160 R161 R179	
2007 - 007131	R - CHIP 13 K 1 % 1/16 W	R488	
2007 - 007132	R - CHIP 15 K 1/16 W	R489	
2007 - 007133	R - CHIP 300 1/16 W	R404	
2007 - 007480	R - CHIP 130 K 1 % 1/16 W	R101	
2007 - 007529	R - CHIP 91 K 1 % 1/16 W	R102	
2203 - 000138	C - CHIP 1.5 nF	R363	
2203 - 000233	C - CHIP 100 PF	C145 C185 C345 C370 C331	
2203 - 000233	C - CHIP 100 PF	C334 C347 C359 C491 C493	
2203 - 000233	C - CHIP 100 PF	C360 C361 C362 C411 C451	
2203 - 000233	C - CHIP 100 PF	C348 C417 CX501 CX102	
2203 - 000233	C - CHIP 100 PF	C501 CX502 CX503 CX504	
2203 - 000233	C - CHIP 100 PF	C306 C307 C309	
2203 - 000254	C - CHIP 10 nF	C112 C111 C102	
2203 - 000254	C - CHIP 10 nF	C326 C308 C388 C437	

SEC CODE	DESCRIPTION	PART NO.	REMARK
2203 - 000254	C - CHIP 10 nF	C354 C355 C356 C358 C381	
2203 - 000254	C - CHIP 10 nF	C386 C333 C371 C394 C343	
2203 - 000254	C - CHIP 10 nF	C121 C349 C461 C403 C475	
2203 - 000254	C - CHIP 10 nF	C477 C429 C425 C423 C435	
2203 - 000254	C - CHIP 10 nF	C433 C431 C452 C495 C490	
2203 - 000254	C - CHIP 10 nF	C457 C492 C481 C487 C471	
2203 - 000254	C - CHIP 10 nF	C100 C179 C177 C169 C171	
2203 - 000254	C - CHIP 10 nF	C175 C126 C152 C207 C110	
2203 - 000254	C - CHIP 10 nF	C441 C418 C472 C473 C484	
2203 - 000254	C - CHIP 10 nF	C486 C443 C483 C455 C470	
2203 - 000254	C - CHIP 10 nF	CX101	
2203 - 000278	C - CHIP 10 PF	C342 C368	
2203 - 000330	C - CHIP 12 PF	C322	
2203 - 000359	C - CHIP 150 PF	C453	
2203 - 000386	C - CHIP 15 PF	C303	
2203 - 000425	C - CHIP 18 PF	C137 C138	
2203 - 000438	C - CHIP 1 nF	C125 C101 C140 C190 C344	
2203 - 000438	C - CHIP 1 nF	C302 C301 C311 C310 C315	
2203 - 000438	C - CHIP 1 nF	C377 C305 C336 C338	
2203 - 000438	C - CHIP 1 nF	C450 C414 C428 C426 C424	
2203 - 000438	C - CHIP 1 nF	C422 C436 C434 C432 C430	
2203 - 000438	C - CHIP 1 nF	C496 C442 C459 C460 C464	
2203 - 000438	C - CHIP 1 nF	C419 C454 C408 CX001	
2203 - 000438	C - CHIP 1 nF	C113 C327	
2203 - 000466	C - CHIP 1 PF	C317 C332 C325 C420	
2203 - 000489	C - CHIP 2.2 nF	C148 C402	
2203 - 000585	C - CHIP 220 PF	C124 C387 C139 C195	
2203 - 000628	C - CHIP 22 PF	C314 C328	
2203 - 000696	C - CHIP 2 PF	C456	
2203 - 000714	C - CHIP 3.3 nF	C117	
2203 - 000854	C - CHIP 39 PF	C404 C405 C412 C413	
2203 - 000870	C - CHIP 3 PF	C319 C320 C341 C316	
2203 - 000940	C - CHIP 470 PF	C144 C335 C329	

SEC CODE	DESCRIPTION	PART NO.	REMARK
2203 - 000940	C - CHIP 470 PF	CX002 CX103	
2203 - 000941	C- CHIP 470 PF	C149	
2203 - 000995	C - CHIP 47 PF	C463 C458	
2203 - 001033	C - CHIP 5.6 nF	C153	
2203 - 001086	C - CHIP 5 PF	L301	
2203 - 001124	C - CHIP 680 PF	C132 C133	
2203 - 001153	C - CHIP 68 PF	C337 C404 C405	
2203 - 001210	C - CHIP 8.2 nF	C438 C421	
2203 - 001259	C - CHIP 8 PF	C313	
2203 - 001385	C - CHIP 1.5 PF	C462	
2203 - 001405	C - CHIP 22 nF	C141 C142 C154	
2203 - 001416	C - CHIP 33 nF	C415	
2203 - 001432	C - CHIP 47 nF	C365 CX106	
2203 - 001385	C - CHIP 4.7UF	C164	
2203 - 002687	C - CHIP 1.2 nF	C131	
2203 - 003054	C - CHIP 9 PF	C304	
2203 - 005052	C - CHIP 3.3PF	C406	
2203 - 005061	C - CHIP 100 nF	C176 C174 C178 C170 C172	
2203 - 005061	C - CHIP 100 nF	C173 C168 C129 C114 C128	
2203 - 005061	C - CHIP 100 nF	C146 C136 C205 C202 C203	
2203 - 005061	C - CHIP 100 nF	C184 C116 C118 C157	
2203 - 005061	C - CHIP 100 nF	C127 C106 C108 C120 C122	
2203 - 005144	C - CHIP 1 UF	C130 C143 C150 C151	
2404 - 000139	C - TA 10 UF 6.3 V	C107 C109 C312 C330 C389	
2404 - 000139	C - TA 10 UF 6.3 V	C439 C401 C488 C485 C353	
2404 - 000139	C - TA 10 UF 6.3 V	C357 C474 C476	
2404 - 000151	C - TA 1 UF 16 V	C410 C165	
2404 - 000167	C - TA 2.2 UF 16 V	C134 C482	
2404 - 000259	C - TA 47 UF 6.3 V	C440	
2404 - 000274	C - TA 1.5 UF 16 V	C416	
2404 - 000312	C - TA 470 nF 16 V	C350	
2404 - 001032	C - TA 33 UF 6.3 V	C123 C382	
2404 - 001064	C - TA 10 UF 6.3 V	C346	
2703 - 000109	INDUCTOR 100 nH	L404 L309	

SEC CODE	DESCRIPTION	PART NO.	REMARK
2703 - 000237	INDUCTOR 750 nH	L403	
2703 - 000261	INDUCTOR 390 nH	L311	
2703 - 000300	INDUCTOR 1 UH	L455 L305 L314 L343 L346	
2703 - 000300	INDUCTOR 1 UH	L342	
2703 - 000301	INDUCTOR 2.7 UH	L312 L344	
2703 - 001011	INDUCTOR 100nH	L402	
2703 - 001040	INDUCTOR 10nH	L454	
2703 - 001167	INDUCTOR 8.2 nH	L341	
2703 - 001172	INDUCTOR 100 nH	L458 L303 L317	
2703 - 001173	INDUCTOR 12 nH	L451	
2703 - 001175	INDUCTOR 56 nH	L355 L356	
2703 - 001179	INDUCTOR 10 nH	L351 L354	
2703 - 001181	INDUCTOR 27 nH	L316	
2703 - 001189	INDUCTOR 18 nH	C391	
2703 - 001263	INDUCTOR 4.7 nH	C446	
2703 - 001284	INDUCTOR 5.6 nH	L302 C391	
2703 - 001306	INDUCTOR 27 nH	L453 L456	
2703 - 001409	INDUCTOR 12 nH	L306 C115	
2703 - 001543	INDUCTOR 33 nH	L401	
2703 - 001563	INDUCTOR 10 uH	L101	
2703 - 001613	INDUCTOR 18 nH	L304	
2703 - 001693	INDUCTOR 330 nH	L310	
2802 - 001048	RESONATOR 27 MHz	X101	
2806 - 001146	OSCILLATOR - VCO	U341	
2809 - 001208	OSCILLATOR - VCTCXO 19.68MHz	U343	
2904 - 000297	FILTER - SAW 85.38 MHz	F303	
2904 - 001011	FILTER - SAW 881.5 MHz	F302	
2904 - 001012	FILTER - SAW 836.5 MHz	F451	
2904 - 001004	FILTER - DUPLEXER 881 MHz	F301	
3710 - 001105	CONNECTOR - SOCKET 2 P	J102	
3710 - 001117	CONNECTOR - SOCKET 24 P	CON100	
3710 - 001302	CONNECTOR - SOCKET 18 P	J101	
3722 - 001172	JACK POWER	J104	
GH07 - 20551A	DISPLAY	LCD	
GH39 - 20013A	CBF - SIGNAL	-	
GH71 - 10680A	NPR - ANT,LING		