

9. PARTS LIST

SEC-CODE	B'D PART NO.	DESCRIPTION
0401-001052	D101	DIODE-SWITCHING
0401-001052	D109	DIODE-SWITCHING
0405-000107	D401,D402,D403,D404	DIODE-VARACTOR
0407-000102	D481,D107,D108	DIODE-ARRAY
0407-000115	D103,D105,D106	DIODE-ARRAY
0407-000122	D102,D104	DIODE-ARRAY
0409-000108	D301	DIODE-PIN
0501-000162	Q116,Q452,Q450	TR-SMALL SIGNAL
0501-000218	Q108,Q114,Q102	TR-SMALL SIGNAL
0501-000218	Q301	TR-SMALL SIGNAL
0501-000218	Q451	TR-SMALL SIGNAL
0501-000457	Q113,Q115	TR-SMALL SIGNAL
0501-000689	Q304	TR-SMALL SIGNAL
0501-002063	Q303	TR-SMALL SIGNAL
0501-002208	Q109	TR-SMALL SIGNAL
0504-000167	Q482,Q481,Q119	TR-DIGITAL
0504-000168	Q103,Q121	TR-DIGITAL
0504-000172	Q111,Q120	TR-DIGITAL
0504-001016	Q485	TR-DIGITAL
0505-001062	U301	FET-GAAS
0505-001095	U106	FET-SILICON
0505-001119	Q302	FET-SILICON
0505-001165	U104	FET-SILICON
0505-001170	U484	FET-SILICON
0601-000355	D116	LED
0801-002192	U105	IC-CMOS LOGIC
0803-003010	U114	IC-TTL
1001-001019	U481	IC-ANALOG MULTIPLEX
1103-001062	U102	IC-EEPROM
1106-001126	U702	IC-SRAM
1107-001062	U701	IC-FLASH MEMORY
1201-000103	U111	IC-AUDIO AMP
1201-001006	U463,U462	IC-OP AMP
1201-001090	U385	IC-PREAMP
1201-001175	U464	IC-PREAMP
1201-001176	U461	IC-PREAMP
1201-001257	U302	IC-AGC AMP

1201-001259	U467	IC-POWER AMP
SEC-CODE	B'D PART NO.	DESCRIPTION
1202-000192	U118	IC-VOLFAGECOMP.
1203-000392	UX101	IC-RESET
1203-001107	U482	IC-VOLTAGE REGULATOR
1203-001256	U382	IC-VOLTAGE REGULATOR
1203-001268	U124	IC-VOLTAGE REGULATOR
1203-001285	U483	IC-SWITCH VOL. REG.
1203-001390	U122	IC-VOLTAGE REGULATOR
1203-001396	U123	IC-PWM CONTROLLER
1204-001106	U117	IC-ASP
1205-001253	U460	IC-MIXER
1205-001383	U101	IC-DATA COMM./GEN.
1205-001451	U401	IC-DATA COMM./GEN.
1209-000142	U342	IC-SYNTHESIZER
1209-001078	U402	IC-PLL/SYNTHESISER
1404-001040	R498	THERMISTOR-NTC 10Kohm,5%
2007-000070	L450	R-CHIP 0ohm,5%
2007-000137	R417,R130	R-CHIP 2Kohm,5%
2007-000138	R154	R-CHIP 100ohm,5%
2007-000140	R109	R-CHIP 1Kohm,5%
2007-000140	R205,R188,R132,R147	R-CHIP 1Kohm,5%
2007-000140	R209,R156,R158,R192	R-CHIP 1Kohm,5%
2007-000140	R345,R451,R416,R346	R-CHIP 1Kohm,5%
2007-000141	R128,R303	R-CHIP 2.2Kohm,5%
2007-000142	R456	R-CHIP 2.7Kohm,5%
2007-000142	R486,R141	R-CHIP 2.7Kohm,5%
2007-000143	R140	R-CHIP 4.7Kohm,5%
2007-000143	R145,R129,R466	R-CHIP 4.7Kohm,5%
2007-000143	R173,R176,R152	R-CHIP 4.7Kohm,5%
2007-000143	R411	R-CHIP 4.7Kohm,5%
2007-000146	R455	R-CHIP 6.8Kohm,5%
2007-000148	R143,R174,R157,R159	R-CHIP 10Kohm,5%
2007-000148	R180,R182,R137	R-CHIP 10Kohm,5%
2007-000148	R184,R185,R178,R144	R-CHIP 10Kohm,5%
2007-000148	R305,R406,R407	R-CHIP 10Kohm,5%
2007-000148	R413,R415,R485,R460	R-CHIP 10Kohm,5%
2007-000148	R414,R337	R-CHIP 10Kohm,5%
2007-000148	R496,R462,R464,R473	R-CHIP 10Kohm,5%
2007-000148	R701,R702	R-CHIP 10Kohm,5%

2007-000148	U485	R-CHIP	10Kohm,5%
SEC-CODE	B'D PART NO.	DESCRIPTION	
2007-000149	R103,U704	R-CHIP	12Kohm,5%
2007-000149	R104	R-CHIP	12Kohm,5%
2007-000151	R208,R307	R-CHIP	15Kohm,5%
2007-000152	R133,R134	R-CHIP	20Kohm,5%
2007-000153	R106,R474	R-CHIP	22Kohm,5%
2007-000153	R181,R131,R119,R189	R-CHIP	22Kohm,5%
2007-000155	R170,R136,R149	R-CHIP	27Kohm,5%
2007-000155	R463,R251,R252	R-CHIP	27Kohm,5%
2007-000157	R139	R-CHIP	47Kohm,5%
2007-000157	R349	R-CHIP	47Kohm,5%
2007-000157	R483,R484,R481,R482	R-CHIP	47Kohm,5%
2007-000159	R148	R-CHIP	56Kohm,5%
2007-000161	R166	R-CHIP	82Kohm,5%
2007-000162	R110,R108,R105	R-CHIP	100Kohm,5%
2007-000162	R112,R123,R118	R-CHIP	100Kohm,5%
2007-000162	R120,R107,R111	R-CHIP	100Kohm,5%
2007-000162	R151,R171	R-CHIP	100Kohm,5%
2007-000162	R153,R116,R122	R-CHIP	100Kohm,5%
2007-000164	R114	R-CHIP	150Kohm,5%
2007-000171	R165,C155	R-CHIP	0ohm,5%
2007-000171	R183	R-CHIP	0ohm,5%
2007-000171	R215,R216	R-CHIP	0ohm,5%
2007-000171	R364,R204	R-CHIP	0ohm,5%
2007-000171	R408,R409,C318	R-CHIP	0ohm,5%
2007-000171	R418,R316	R-CHIP	0ohm,5%
2007-000171	R422,R423,C444,C445	R-CHIP	0ohm,5%
2007-000171	R425,LX101,RX201	R-CHIP	0ohm,5%
2007-000172	R306,R356,R350	R-CHIP	10ohm,5%
2007-000172	R344	R-CHIP	10ohm,5%
2007-000172	R348,R401,R341	R-CHIP	10ohm,5%
2007-000172	R419,R339,R347	R-CHIP	10ohm,5%
2007-000173	R468	R-CHIP	22ohm,5%
2007-000772	R121	R-CHIP	33Kohm,1%
2007-000831	R177,R135	R-CHIP	39Kohm,5%
2007-000932	R127,R155	R-CHIP	470ohm,5%
2007-000932	R301	R-CHIP	470ohm,5%
2007-000982	R453,R454,R476,R362	R-CHIP	5.6Kohm,5%
2007-001119	R355	R-CHIP	680ohm,5%

2007-001217	R186,R187	R-CHIP	82ohm,5%
SEC-CODE	B'D PART NO.	DESCRIPTION	
2007-001244	R102	R-CHIP	91Kohm,5%
2007-001244	R175	R-CHIP	91Kohm,5%
2007-001288	R360	R-CHIP	18ohm,5%
2007-001294	R191,R193,R194,R336	R-CHIP	36ohm,5%
2007-001295	R304	R-CHIP	39ohm,5%
2007-001305	R467,R469	R-CHIP	120ohm,5%
2007-001306	R361,R358,R309,R310	R-CHIP	150ohm,5%
2007-001307	R217	R-CHIP	180ohm,5%
2007-001311	R308	R-CHIP	270ohm,5%
2007-001311	R357	R-CHIP	270ohm,5%
2007-001313	RX501,RX504	R-CHIP	330ohm,5%
2007-001313	RX502,RX503,RX102	R-CHIP	330ohm,5%
2007-001319	R490,RX101	R-CHIP	1.2Kohm,5%
2007-001319	RX103	R-CHIP	1.2Kohm,5%
2007-001320	R410	R-CHIP	1.8Kohm,5%
2007-001323	R475	R-CHIP	3Kohm,5%
2007-001325	R190	R-CHIP	3.3Kohm,5%
2007-001333	R335	R-CHIP	18Kohm,5%
2007-002797	R452	R-CHIP	560ohm,5%
2007-002965	R313	R-CHIP	15ohm,5%
2007-007001	R160,R161,R179	R-CHIP	3.9Kohm,5%
2007-007131	R488	R-CHIP	13Kohm,1%
2007-007132	R489	R-CHIP	15Kohm,1%
2007-007133	R404	R-CHIP	300ohm,1%
2007-007480	R101	R-CHIP	130Kohm,1%
2203-000138	R363	C-CERAMIC,CHIP	1.5nF,10%
2203-000233	C185,C145,C345,C370	C-CERAMIC,CHIP	100pF,5%
2203-000233	C347,C359,C306,C307	C-CERAMIC,CHIP	100pF,5%
2203-000233	C348,CX102,C309,C501	C-CERAMIC,CHIP	100pF,5%
2203-000233	C360-C362,C331,C334	C-CERAMIC,CHIP	100pF,5%
2203-000233	C411,C451,C417	C-CERAMIC,CHIP	100pF,5%
2203-000233	C491,C493,CX501,CX502	C-CERAMIC,CHIP	100pF,5%
2203-000233	CX503,CX504,C4X1	C-CERAMIC,CHIP	100pF,5%
2203-000254	C100,C179,C177,C169	C-CERAMIC,CHIP	10nF,10%
2203-000254	C121	C-CERAMIC,CHIP	10nF,10%
2203-000254	C126,C461	C-CERAMIC,CHIP	10nF,10%
2203-000254	C152,CX101,C102	C-CERAMIC,CHIP	10nF,10%
2203-000254	C171,C175,C112	C-CERAMIC,CHIP	10nF,10%

2203-000254	C308,C388	C-CERAMIC,CHIP	10nF,10%
SEC-CODE	B'D PART NO.	DESCRIPTION	
2203-000254	C326,C110,C403	C-CERAMIC,CHIP	10nF,10%
2203-000254	C343,C481,C487,C486	C-CERAMIC,CHIP	10nF,10%
2203-000254	C354,C355,C356,C358	C-CERAMIC,CHIP	10nF,10%
2203-000254	C371,C429	C-CERAMIC,CHIP	10nF,10%
2203-000254	C381,C386,C333,C394	C-CERAMIC,CHIP	10nF,10%
2203-000254	C435,C433,C431,C452	C-CERAMIC,CHIP	10nF,10%
2203-000254	C441,C425,C423,C437	C-CERAMIC,CHIP	10nF,10%
2203-000254	C443,C483,C455,C470	C-CERAMIC,CHIP	10nF,10%
2203-000254	C457,C484	C-CERAMIC,CHIP	10nF,10%
2203-000254	C471,C472,C473,C418	C-CERAMIC,CHIP	10nF,10%
2203-000254	C477,C475,C111	C-CERAMIC,CHIP	10nF,10%
2203-000254	C495,C490,C492,C349	C-CERAMIC,CHIP	10nF,10%
2203-000278	C342	C-CERAMIC,CHIP	10pF,5%
2203-000278	C368	C-CERAMIC,CHIP	10pF,5%
2203-000298	C104,C119	C-CERAMIC,CHIP	10uF,+80-20%
2203-000330	C322	C-CERAMIC,CHIP	12pF,5%
2203-000359	C453	C-CERAMIC,CHIP	150pF,5%
2203-000386	C303	C-CERAMIC,CHIP	15pF,5%
2203-000425	C137,C138	C-CERAMIC,CHIP	18pF,5%
2203-000438	C125,C101,C113,C140	C-CERAMIC,CHIP	1nF,10%
2203-000438	C190,C302,C301	C-CERAMIC,CHIP	1nF,10%
2203-000438	C311,C310,C377,C305	C-CERAMIC,CHIP	1nF,10%
2203-000438	C315	C-CERAMIC,CHIP	1nF,10%
2203-000438	C327,C344	C-CERAMIC,CHIP	1nF,10%
2203-000438	C336,C338,C450	C-CERAMIC,CHIP	1nF,10%
2203-000438	C408,CX001	C-CERAMIC,CHIP	1nF,10%
2203-000438	C414,C428,C426,C424	C-CERAMIC,CHIP	1nF,10%
2203-000438	C422,C436,C434,C432	C-CERAMIC,CHIP	1nF,10%
2203-000438	C430,C496,C442,C459	C-CERAMIC,CHIP	1nF,10%
2203-000438	C460,C464,C419,C454	C-CERAMIC,CHIP	1nF,10%
2203-000466	C332,C325,C317,C420	C-CERAMIC,CHIP	1pF,25%
2203-000489	C148	C-CERAMIC,CHIP	2.2nF,10%
2203-000489	C402	C-CERAMIC,CHIP	2.2nF,10%
2203-000585	C124,C387,C139	C-CERAMIC,CHIP	220pF,10%
2203-000585	C195	C-CERAMIC,CHIP	220pF,10%
2203-000628	C314,C328	C-CERAMIC,CHIP	22pF,5%
2203-000696	C456	C-CERAMIC,CHIP	2pF,12.5%
2203-000714	C117	C-CERAMIC,CHIP	3.3nF,10%

2203-000854	C404,C405	C-CERAMIC,CHIP	39pF,5%
SEC-CODE	B'D PART NO.	DESCRIPTION	
2203-000854	C412,C413	C-CERAMIC,CHIP	39pF,5%
2203-000870	C316	C-CERAMIC,CHIP	3pF,8.4%
2203-000870	C341,C319,C320	C-CERAMIC,CHIP	3pF,8.4%
2203-000940	C144,C335,C329	C-CERAMIC,CHIP	470pF,10%
2203-000940	CX002,CX103,C149	C-CERAMIC,CHIP	470pF,10%
2203-000995	C463,C458	C-CERAMIC,CHIP	47pF,5%
2203-001033	C153	C-CERAMIC,CHIP	5.6nF,10%
2203-001086	L301	C-CERAMIC,CHIP	5pF,5%
2203-001124	C133,C132	C-CERAMIC,CHIP	680pF,10%
2203-001153	C337	C-CERAMIC,CHIP	68pF,5%
2203-001210	C438,C421	C-CERAMIC,CHIP	8.2nF,10%
2203-001259	C313	C-CERAMIC,CHIP	8pF,6.25%
2203-001385	C462	C-CERAMIC,CHIP	1.5pF,16.6%
2203-001405	C142,C141,C154	C-CERAMIC,CHIP	22nF,20%
2203-001416	C415	C-CERAMIC,CHIP	33nF,10%
2203-001432	C365,CX106	C-CERAMIC,CHIP	47nF,10%
2203-001724	C164	C-CERAMIC,CHIP	4.7uF
2203-002687	C131	C-CERAMIC,CHIP	1.2nF,10%
2203-003054	C304	C-CERAMIC,CHIP	9PF,3%
2203-005052	C406	C-CERAMIC,CHIP	3.3pF,7.6%
2203-005061	C118,C116,C122	C-CERAMIC,CHIP	100nF,+80-20%
2203-005061	C136,C120,C106,C108	C-CERAMIC,CHIP	100nF,+80-20%
2203-005061	C157,C127	C-CERAMIC,CHIP	100nF,+80-20%
2203-005061	C168,C129,C128,C146	C-CERAMIC,CHIP	100nF,+80-20%
2203-005061	C170,C114,C184	C-CERAMIC,CHIP	100nF,+80-20%
2203-005061	C174,C172,C176,C178	C-CERAMIC,CHIP	100nF,+80-20%
2203-005144	C143	C-CERAMIC,CHIP	1uF,10%
2203-005144	C151,C150,C130	C-CERAMIC,CHIP	1uF,10%
2404-000139	C107,C109,C312	C-TA,CHIP	10uF,20%
2404-000139	C330,C389,C353,C357	C-TA,CHIP	10uF,20%
2404-000139	C439,C401,C488,C485	C-TA,CHIP	10uF,20%
2404-000139	C474,C476	C-TA,CHIP	10uF,20%
2404-000151	C165	C-TA,CHIP	1uF,20%
2404-000151	C410	C-TA,CHIP	1uF,20%
2404-000167	C134,C482	C-TA,CHIP	2.2uF,20%
2404-000232	C163	C-TA,CHIP	4.7uF,20%
2404-000259	C440	C-TA,CHIP	47uF,20%
2404-000274	C416	C-TA,CHIP	1.5uF,20%

2404-000312	C350	C-TA,CHIP	470nF,20%
SEC-CODE	B'D PART NO.	DESCRIPTION	
2404-001032	C123,C382	C-TA,CHIP	33uF,20%
2404-001064	C346	C-TA,CHIP	10uF,20%
2703-000109	L404,L309	INDUCTOR-SMD	100nH,10%
2703-000237	L403	INDUCTOR-SMD	750nH,10%
2703-000261	L311	INDUCTOR-SMD	390nH,10%
2703-000300	L346,L342	INDUCTOR-SMD	1uH,10%
2703-000300	L455,L305,L314,L343	INDUCTOR-SMD	1uH,10%
2703-000301	L312,L344	INDUCTOR-SMD	2.7uH,10%
2703-001031	L401	INDUCTOR-SMD	33nH,5%
2703-001040	L454	INDUCTOR-SMD	10nH,5%
2703-001045	L402	INDUCTOR-SMD	100nH,5%
2703-001167	L341	INDUCTOR-SMD	8.2nH,10%
2703-001172	L303,L317	INDUCTOR-SMD	100nH,5%
2703-001172	L458	INDUCTOR-SMD	100nH,5%
2703-001173	L451	INDUCTOR-SMD	12nH,5%
2703-001175	L355,L356	INDUCTOR-SMD	56nH,5%
2703-001179	L351,L354	INDUCTOR-SMD	10nH,5%
2703-001181	L316	INDUCTOR-SMD	27nH,10%
2703-001189	C391	INDUCTOR-SMD	18nH,5%
2703-001263	C446	INDUCTOR-SMD	4.7nH,10%
2703-001284	L302,L391	INDUCTOR-SMD	5.6nH,5.4%
2703-001306	L453,L456	INDUCTOR-SMD	27nH,5%
2703-001409	C115,L306	INDUCTOR-SMD	12nH,10%
2703-001563	L101	INDUCTOR-SMD	10uH,20%
2703-001613	L304	INDUCTOR-SMD	18nH,10%
2703-001693	L310	INDUCTOR-SMD	330nH,10%
2802-001048	X101	RESONATOR-CERAMIC	
2806-001146	U341	OSCILLATOR-VCO	
2809-001208	U343	OSCILLATOR-VCTCXO	
2904-000297	F303	FILTER-SAW	
2904-001011	F302	FILTER-SAW	
2904-001012	F451	FILTER-SAW	
2909-001004	F301	FILTER-DUPLEXER	
3710-001105	J102	CONNECTOR-SOCKET	
3710-001117	CON100	CONNECTOR-SOCKET	
3710-001302	J101	CONNECTOR-SOCKET	
3722-001172	J104	JACK-AC POWER	
GH07-20551A	LCD	DISPLAY LCD-SCH570	

GH39-20013A	-	CBF SIGNAL-UFC
SEC-CODE	B'D PART NO.	DESCRIPTION
GH41-10652A	MAIN PCB	PCB-MAIN
GH42-10524A	-	ANTENNA-SCH750
GH71-10680A	PLATE SPRING ANT.	NPR-ANT.LNG

10. FUNCTIONS OF ACTIVE DEVICES

NO	NAME	VENDOR CODE	DESCRIPTION
1	U117	TLV320AC36IPT	CODEC
2	U101	MSM 2300	Mobile Station Modem
3	U302	CXA3221N	RX IF AGC AMP
4	U342	LMX1511TMX	1ST LOCAL PLL
5	U401	Q53121-3S2	Baseband Analog Processor
6	U402	MB15S24PFV	RX 2ND LOCAL PLL
7	U481	BU4051BCFV	MUX
8	U460	UPC8109T	UPCONVERTER
9	F301	DFD0836G0881B	DUPLEXER
10	U341	VOUQ967N33KRA	VCO
11	U343	TOU1968VBH6KRA	TCXO
12	U467	RI23124U	POWER AMP
13	F451	FAR_F5CH_836M50_L2AV	RF TX FILTER
14	U464	GN1037B	TX 2nd PRE-AMP
15	U461	GN1038B	TX 1st PRE-AMP