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## 4. Electrical Parts List

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Design LOC	Description	SEC CODE
C103	C-CER,CHIP	2203-000438
C104	C-CER,CHIP	2203-000438
C105	C-CER,CHIP	2203-000995
C108	C-CER,CHIP	2203-002668
C109	C-TA,CHIP	2404-001397
C110	C-CER,CHIP	2203-006090
C111	C-CER,CHIP	2203-002668
C112	C-CER,CHIP	2203-005050
C113	C-CER,CHIP	2203-000530
C114	C-CER,CHIP	2203-001432
C115	C-CER,CHIP	2203-000438
C116	C-CER,CHIP	2203-000995
C117	C-CER,CHIP	2203-000254
C120	C-CER,CHIP	2203-005482
C121	C-CER,CHIP	2203-000854
C122	C-CER,CHIP	2203-000278
C123	C-CER,CHIP	2203-000233
C124	C-CER,CHIP	2203-002677
C125	C-CER,CHIP	2203-005450
C126	C-CER,CHIP	2203-002677
C127	C-CER,CHIP	2203-000278
C128	C-CER,CHIP	2203-005234
C129	C-CER,CHIP	2203-005234
C130	C-CER,CHIP	2203-001017
C131	C-CER,CHIP	2203-000696
C132	C-CER,CHIP	2203-000696
C133	C-CER,CHIP	2203-005482
C134	C-CER,CHIP	2203-000386
C135	C-CER,CHIP	2203-001412
C136	C-CER,CHIP	2203-005482
C137	C-CER,CHIP	2203-001072
C200	C-CER,CHIP	2203-000254
C201	C-CER,CHIP	2203-000254
C202	C-CER,CHIP	2203-000254
C203	C-CER,CHIP	2203-000254
C204	C-CER,CHIP	2203-005496
C205	C-CER,CHIP	2203-005061
C206	C-CER,CHIP	2203-000679
C207	C-CER,CHIP	2203-000254
C208	C-CER,CHIP	2203-001405
C209	C-CER,CHIP	2203-000254
C210	C-CER,CHIP	2203-000254
C211	C-CER,CHIP	2203-000254
C212	C-CER,CHIP	2203-000254
C213	C-CER,CHIP	2203-005496
C214	C-CER,CHIP	2203-000254
C216	C-CER,CHIP	2203-000330
C217	C-CER,CHIP	2203-000330
C218	C-CER,CHIP	2203-006438
C300	C-CER,CHIP	2203-000254

Design LOC	Description	SEC CODE
C301	C-CER,CHIP	2203-001072
C302	C-CER,CHIP	2203-005482
C303	C-CER,CHIP	2203-006093
C304	C-CER,CHIP	2203-000812
C305	C-CER,CHIP	2203-000812
C306	C-CER,CHIP	2203-000812
C307	C-CER,CHIP	2203-005061
C308	C-CER,CHIP	2203-001598
C309	C-CER,CHIP	2203-000233
C310	C-TA,CHIP	2404-001240
C311	C-CER,CHIP	2203-006053
C312	C-CER,CHIP	2203-006053
C313	C-CER,CHIP	2203-006053
C314	C-CER,CHIP	2203-006053
C315	C-CER,CHIP	2203-006053
C316	C-CER,CHIP	2203-001598
C317	C-CER,CHIP	2203-000254
C318	C-CER,CHIP	2203-005061
C322	C-CER,CHIP	2203-005065
C324	C-TA,CHIP	2404-001268
C325	C-CER,CHIP	2203-000233
C326	C-TA,CHIP	2404-001268
C327	C-CER,CHIP	2203-006257
C401	C-CER,CHIP	2203-000812
C402	C-CER,CHIP	2203-000812
C403	C-CER,CHIP	2203-005496
C404	C-CER,CHIP	2203-000995
C405	C-CER,CHIP	2203-000628
C406	C-CER,CHIP	2203-000425
C407	C-CER,CHIP	2203-005496
C409	C-CER,CHIP	2203-000812
C410	C-TA,CHIP	2404-001305
C411	C-CER,CHIP	2203-000233
C412	C-CER,CHIP	2203-005496
C414	C-CER,CHIP	2203-000995
C415	C-CER,CHIP	2203-000278
C416	C-CER,CHIP	2203-005496
C418	C-CER,CHIP	2203-000254
C419	C-CER,CHIP	2203-006137
C420	C-CER,CHIP	2203-005061
C421	C-TA,CHIP	2404-001380
C422	C-TA,CHIP	2404-001380
C501	C-CER,CHIP	2203-005480
C502	C-CER,CHIP	2203-000254
C503	C-CER,CHIP	2203-005480
C504	C-CER,CHIP	2203-000995
C505	C-CER,CHIP	2203-000679
C506	C-CER,CHIP	2203-005480
C507	C-CER,CHIP	2203-005065
C508	C-CER,CHIP	2203-005061

Design LOC	Description	SEC CODE
C509	C-TA,CHIP	2404-001105
C511	C-CER,CHIP	2203-006093
C514	C-CER,CHIP	2203-006257
C515	C-CER,CHIP	2203-005480
C517	C-TA,CHIP	2404-001240
C519	C-CER,CHIP	2203-005496
C520	C-CER,CHIP	2203-006257
C521	C-CER,CHIP	2203-006090
C522	C-CER,CHIP	2203-006257
C523	C-CER,CHIP	2203-005496
C527	C-CER,CHIP	2203-002687
C531	C-TA,CHIP	2404-001268
C532	C-CER,CHIP	2203-005061
C534	C-CER,CHIP	2203-005496
C538	C-CER,CHIP	2203-005061
C539	C-CER,CHIP	2203-000585
C542	C-CER,CHIP	2203-006208
C543	C-CER,CHIP	2203-006190
C544	C-CER,CHIP	2203-000438
C545	C-CER,CHIP	2203-005061
C546	C-CER,CHIP	2203-006562
C548	C-CER,CHIP	2203-006257
C549	C-TA,CHIP	2404-001088
C550	C-CER,CHIP	2203-006348
C551	C-CER,CHIP	2203-005482
C552	C-CER,CHIP	2203-000233
C600	C-CER,CHIP	2203-005061
C601	C-CER,CHIP	2203-005061
C602	C-CER,CHIP	2203-000233
C603	C-CER,CHIP	2203-000254
C700	C-CER,CHIP	2203-000438
C701	C-CER,CHIP	2203-000233
C703	C-CER,CHIP	2203-006348
C704	C-CER,CHIP	2203-006562
C705	C-TA,CHIP	2404-001268
C706	C-CER,CHIP	2203-000854
C710	C-NETWORK	2503-001053
C711	C-NETWORK	2503-001041
C712	C-NETWORK	2503-001041
C713	C-NETWORK	2503-001053
C714	C-NETWORK	2503-001053
C715	C-NETWORK	2503-001053
C716	C-NETWORK	2503-001053
CN100	CONNECTOR-COAXIAL	3705-001347
CN300	CONNECTOR-CARD EDGE	3709-001229
CN400	JACK-EAR PHONE	3722-002356
CN701	CONNECTOR- INTERFACE	3710-001611
CN702	CONNECTOR-HEADER	3711-005558
D500	DIODE-ARRAY	0407-001002
F100	DUPLEXER-ASM	2911-000002

Design LOC	Description	SEC CODE
F101	FILTER-SAW	2904-001480
F102	FILTER-SAW	2904-001523
L101	INDUCTOR-SMD	2703-002367
L102	INDUCTOR-SMD	2703-002199
L103	INDUCTOR-SMD	2703-002205
L105	INDUCTOR-SMD	2703-002544
L106	INDUCTOR-SMD	2703-002205
L107	INDUCTOR-SMD	2703-002544
L108	INDUCTOR-SMD	2703-002199
L109	INDUCTOR-SMD	2703-002558
L110	INDUCTOR-SMD	2703-002170
L112	INDUCTOR-SMD	2703-002269
L401	INDUCTOR-SMD	2703-002202
L402	INDUCTOR-SMD	2703-002202
L403	INDUCTOR-SMD	2703-001231
L501	INDUCTOR-SMD	2703-001673
L503	INDUCTOR-SMD	2703-002206
L701	INDUCTOR-SMD	2703-002339
L702	BEAD-SMD	3301-001659
LED601	LED	0601-002020
LED602	LED	0601-002020
LED603	LED	0601-002020
LED604	LED	0601-002020
LED605	LED	0601-002020
LED606	LED	0601-002020
LED607	LED	0601-002020
LED608	LED	0601-002020
LED609	LED	0601-002020
LED610	LED	0601-002020
OSC200	CRYSTAL-SMD	2801-003856
PCB	PCB-SGHC230PCB	GH41-00865A
Q300	TR-DIGITAL	0504-000168
R100	R-CHIP	2007-000171
R101	R-CHIP	2007-001313
R102	R-CHIP	2007-001298
R103	R-CHIP	2007-000171
R104	R-CHIP	2007-002797
R105	R-CHIP	2007-000148
R106	R-CHIP	2007-001308
R107	R-CHIP	2007-000171
R200	R-CHIP	2007-000171
R201	R-CHIP	2007-000157
R202	R-CHIP	2007-000172
R203	R-CHIP	2007-000157
R204	R-CHIP	2007-000171
R205	R-CHIP	2007-000171
R206	R-CHIP	2007-007480
R207	R-CHIP	2007-000157
R208	R-CHIP	2007-007538
R209	R-CHIP	2007-000171

Design LOC	Description	SEC CODE
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R211	R-CHIP	2007-007142
R212	R-CHIP	2007-000140
R213	R-CHIP	2007-000171
R214	R-CHIP	2007-000171
R215	R-CHIP	2007-007308
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R217	R-CHIP	2007-007308
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R221	R-CHIP	2007-000171
R222	R-CHIP	2007-000171
R223	R-CHIP	2007-000143
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R301	R-CHIP	2007-001319
R302	R-CHIP	2007-000172
R303	R-CHIP	2007-000171
R304	R-CHIP	2007-000167
R310	R-CHIP	2007-007142
R311	R-CHIP	2007-008263
R312	R-CHIP	2007-000157
R400	R-CHIP	2007-007468
R401	R-CHIP	2007-007142
R402	R-CHIP	2007-000148
R403	R-CHIP	2007-007142
R404	R-CHIP	2007-007468
R405	R-CHIP	2007-001320
R406	R-CHIP	2007-000142
R407	R-CHIP	2007-001317
R408	R-CHIP	2007-000171
R409	R-CHIP	2007-000171
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R412	R-CHIP	2007-007142
R413	R-CHIP	2007-007134
R414	R-CHIP	2007-007134
R415	R-CHIP	2007-007142
R416	R-CHIP	2007-007573
R417	R-CHIP	2007-007480
R418	R-CHIP	2007-001339
R419	R-CHIP	2007-000162
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R421	R-CHIP	2007-000173
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R424	R-CHIP	2007-000171

Design LOC	Description	SEC CODE
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R502	R-CHIP	2007-000171
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R505	R-CHIP	2007-000171
R506	R-CHIP	2007-000162
R507	R-CHIP	2007-001291
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R509	R-CHIP	2007-000162
R514	R-CHIP	2007-000171
R515	R-CHIP	2007-000146
R518	R-CHIP	2007-001319
R519	R-CHIP	2007-001325
R526	R-CHIP	2007-001291
R528	R-CHIP	2007-001291
R529	R-CHIP	2007-000171
R530	R-CHIP	2007-000171
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R538	R-CHIP	2007-000171
R539	R-CHIP	2007-000775
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R541	R-CHIP	2007-000171
R542	R-CHIP	2007-000171
R600	R-CHIP	2007-000174
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R602	R-CHIP	2007-000174
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R703	R-CHIP	2007-000171
R704	R-CHIP	2007-000140
R705	R-CHIP	2007-003001
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R708	R-CHIP	2007-000566
R709	R-CHIP	2007-000566
R710	R-CHIP	2007-000566
R711	R-CHIP	2007-000566

Design LOC	Description	SEC CODE
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R713	R-CHIP	2007-000140
R714	R-CHIP	2007-000140
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R716	R-CHIP	2007-000140
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R719	R-CHIP	2007-000140
R720	R-CHIP	2007-000140
R721	R-CHIP	2007-000140
R722	R-CHIP	2007-000153
R723	R-CHIP	2007-000171
R724	R-CHIP	2007-000140
R725	R-CHIP	2007-000162
R726	R-CHIP	2007-000140
R727	R-CHIP	2007-000140
TH200	THERMISTOR-NTC	1404-001221
U100	IC-TRANSCIEVER	1205-002683
U101	IC-POWER AMP	1201-002260
U102	CRYSTAL-SMD	2801-004426
U200	IC MICOM-SGHX480	GH09-00036A
U201	IC MICOM-SGHV100	GH09-00022A
U300	IC-POWER SUPERVISOR	1203-003304
U301	IC-BATTERY	1203-003109
U303	BATTERY-LI (2ND)	4302-001130
U401	IC-VOLTAGE COMP.	1202-001068
U402	IC-ANALOG SWITCH	1001-001261
U500	IC-DEMULATOR	1204-002398
U501	IC-AUDIO AMP	1201-002238
U504	PHOTO-IRDA	0604-001261
U505	IC-POSITIVE FIXED REG.	1203-002782
U506	IC-MELODY	1204-002161
U507	IC-ANALOG MULTIPLEX	1001-001306
U601	IC-MCP	1108-000010
U701	IC-CMOS LOGIC	0801-000796
U719	IC-DC/DC CONVERTER	1203-003674
V401	VARISTOR	1405-001082
V402	VARISTOR	1405-001082
V403	VARISTOR	1405-001082
V404	VARISTOR	1405-001082
V405	VARISTOR	1405-001082
V601	VARISTOR	1405-001082
V602	VARISTOR	1405-001082
V603	VARISTOR	1405-001082
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V606	VARISTOR	1405-001082
V607	VARISTOR	1405-001082
V608	VARISTOR	1405-001082
V609	VARISTOR	1405-001082

Design LOC	Description	SEC CODE
V610	VARISTOR	1405-001082
V611	VARISTOR	1405-001082
V612	VARISTOR	1405-001082
V701	VARISTOR	1405-001082
V702	VARISTOR	1405-001082
V703	VARISTOR	1405-001082
V704	VARISTOR	1405-001082
V705	VARISTOR	1405-001082
V706	VARISTOR	1405-001093
VOL_DN	SWITCH-TACT	3404-001152
VOL_UP	SWITCH-TACT	3404-001152
ZD501	DIODE-TVS	0406-001201
ZD502	DIODE-TVS	0406-001201
ZD600	DIODE-TVS	0406-001194
ZD601	VARISTOR	1405-001108
ZD602	VARISTOR	1405-001108
ZD603	VARISTOR	1405-001108
ZD701	DIODE-TVS	0406-001083
ZD702	DIODE-TVS	0406-001083
ZD703	DIODE-ZENER	0403-001387
ZD704	DIODE-ZENER	0403-001427