

## 5. MAIN Electrical Parts List

SEC Code	Design LOC	Description
0406-001413	ZD6003,ZD6004	DIODE-TVS
0406-001514	ZD6005	DIODE-TVS
0406-001592	ZD5011	DIODE-TVS
0406-001642	ZD6012,ZD6013,ZD7005	DIODE-TVS
0406-001675	ZD5003	DIODE-TVS
0406-001695	ZD6006,ZD6010,ZD6011	DIODE-TVS
0601-003381	LED7000	LED
0601-003499	LED6000	LED
1001-001635	U5007	IC-ANALOG SWITCH
1001-001835	U3005	IC-RF SWITCH
1001-001870	U2001	IC-RF SWITCH
1001-001928	U6011	IC-ANALOG MULTIPLEX
1001-001966	U5008	IC-ANALOG MULTIPLEX
1001-001972	U1003	IC-RF SWITCH
1003-002415	U5014	IC-MOTOR DRIVER
1003-002660	U6015	IC-LED DRIVER
1105-002710	UCP400UP	IC-DDR3 SDRAM
1107-002373	UME5000	IC-EMMC
1201-003783	U3000	IC-GPS AMP
1201-003873	U1006	IC-POWER AMP
1201-003968	U1000	IC-POWER AMP
1203-006767	U5011	IC-MULTI REG.
1203-008249	U6019	IC-POSI.FIXED REG.
1203-008288	U1004	IC-DC/DC CONVERTER
1203-008326	U5015	IC-POSI.FIXED REG.
1203-008395	U6002	IC-POSI.FIXED REG.
1203-008527	U7000	IC-DC/DC CONVERTER
1203-008577	U5003	IC-POWER SUPERVISOR
1203-008611	U5004	IC-POWER SUPERVISOR
1205-005272	U1005	IC-TRANSCEIVER
1205-005284	U3002	IC-NFC/RFID
1205-005310	U3001	IC-GPS RECEIVER
1205-005372	U3006	IC-WIFI
1205-005382	UCP400	IC-MODEM
1209-002043	U1001	IC-DETECTOR
1209-002270	U6020	IC-ACCEL./GYRO SENSOR

1209-002330	U6008	IC-MAGNETIC SENSOR
1209-002377	U400	IC-ETC SENSOR
1209-002383	U6005	IC-OPTICS SENSOR
1404-001724	TH1000,TH4000	THERMISTOR-NTC
2007-000170	R6035	R-CHIP
2007-007001	R3001	R-CHIP
2007-007100	R5140,R5141	R-CHIP
2007-007190	R6042,R6052	R-CHIP
2007-007315	R4070	R-CHIP
2007-007585	R6024	R-CHIP
2007-007798	R7021	R-CHIP
2007-007942	R4096	R-CHIP
2007-007946	R4083	R-CHIP
2007-008043	R1005	R-CHIP
2007-008045	R5068	R-CHIP
2007-008052	R4037,R4048,R4049	R-CHIP
2007-008052	R4050,R4051,R4093	R-CHIP
2007-008056	R1003,R1004	R-CHIP
2007-008211	R5037	R-CHIP
2007-008354	R6065	R-CHIP
2007-008419	R4056,R4058,R5049	R-CHIP
2007-008419	R5069	R-CHIP
2007-008477	R5050	R-CHIP
2007-008483	R3010,R3011,R3012	R-CHIP
2007-008483	R3013,R3014,R5043	R-CHIP
2007-008483	R5044,R5045,R5046	R-CHIP
2007-008483	R7003	R-CHIP
2007-008486	R4086,R5023,R5026	R-CHIP
2007-008486	R7022	R-CHIP
2007-008516	R4007,R4008,R4010	R-CHIP
2007-008516	R4011,R4014,R4018	R-CHIP
2007-008516	R4020,R4046,R4047	R-CHIP
2007-008516	R4065,R4094,R4095	R-CHIP
2007-008516	R5003,R5004,R5013	R-CHIP
2007-008516	R5014,R5022,R5038	R-CHIP
2007-008516	R5042,R5052,R5055	R-CHIP
2007-008516	R5058,R6046,R6058	R-CHIP

2007-008516	R7016	R-CHIP
2007-008531	R7001	R-CHIP
2007-008587	R1002	R-CHIP
2007-008588	R3004,R3005,R4041	R-CHIP
2007-008588	R4061,R4063,R4090	R-CHIP
2007-008588	R4091,R4092,R422	R-CHIP
2007-008588	R5039,R5040,R6068	R-CHIP
2007-008647	R6069	R-CHIP
2007-008785	R1001	R-CHIP
2007-008798	R5024	R-CHIP
2007-008800	R4066,R4067,R4073	R-CHIP
2007-008800	R4074,R4075,R4076	R-CHIP
2007-008800	R4082,R4097	R-CHIP
2007-008806	R1000,R1009	R-CHIP
2007-008816	R6037	R-CHIP
2007-009111	R5019	R-CHIP
2007-009157	R1008,R4068,R4069	R-CHIP
2007-009170	R5041	R-CHIP
2007-009171	R4029,R4034,R5015	R-CHIP
2007-009171	R7023	R-CHIP
2007-009212	R5000,R6017	R-CHIP
2007-009233	R6064	R-CHIP
2007-009398	R4023	R-CHIP
2007-009866	R5070	R-CHIP
2007-009920	R4064,R4072,R4077	R-CHIP
2007-009969	R6018	R-CHIP
2007-010848	R5064	R-CHIP
2007-011043	R4025	R-CHIP
2203-000489	C5100,C5103,C5109	C-CER,CHIP
2203-000627	C3007,C3014,C5075	C-CER,CHIP
2203-000627	C5076	C-CER,CHIP
2203-000725	C5138	C-CER,CHIP
2203-000995	C3024	C-CER,CHIP
2203-001072	C3019,C3029	C-CER,CHIP
2203-001101	C5110	C-CER,CHIP
2203-001124	C3030,C3091	C-CER,CHIP
2203-002443	C3015	C-CER,CHIP

2203-005682	C3017,C5112,C6035	C-CER,CHIP
2203-005682	C6044	C-CER,CHIP
2203-005717	C1117	C-CER,CHIP
2203-005725	C3000,C7010	C-CER,CHIP
2203-005727	C1119	C-CER,CHIP
2203-005729	C3035,C3036,C5130	C-CER,CHIP
2203-005729	C5131,C6045,C6050	C-CER,CHIP
2203-005729	C6061,C7034,C7035	C-CER,CHIP
2203-005731	C1000,C1043	C-CER,CHIP
2203-005732	C6042,C6062,C6063	C-CER,CHIP
2203-005732	ZD6007	C-CER,CHIP
2203-005736	C1002,C1005,C1013	C-CER,CHIP
2203-005736	C1017,C1032,C1038	C-CER,CHIP
2203-005736	C1041,C1044,C1045	C-CER,CHIP
2203-005736	C1049,C1050,C1088	C-CER,CHIP
2203-005736	C1113,C1118,C1120	C-CER,CHIP
2203-005736	C2050,C2054,C3016	C-CER,CHIP
2203-005736	C3096,L1002,L1019	C-CER,CHIP
2203-005777	C1018,C1051	C-CER,CHIP
2203-005789	C1019,C1039,C2001	C-CER,CHIP
2203-005789	C3079	C-CER,CHIP
2203-005792	C1054	C-CER,CHIP
2203-005806	C1010,C1023,C1110	C-CER,CHIP
2203-005806	C3102	C-CER,CHIP
2203-006048	C6029	C-CER,CHIP
2203-006123	C1030	C-CER,CHIP
2203-006190	C5032	C-CER,CHIP
2203-006194	C1100,C6073	C-CER,CHIP
2203-006305	C3048,C3055,C3057	C-CER,CHIP
2203-006305	C3059,C3100,C7012	C-CER,CHIP
2203-006318	C1046,C1104	C-CER,CHIP
2203-006399	C1084,C1095,C1097	C-CER,CHIP
2203-006399	C3004,C3005	C-CER,CHIP
2203-006400	C1060,C1101,C1111	C-CER,CHIP
2203-006400	C2034,C3033,C3087	C-CER,CHIP
2203-006400	C4084,C6076	C-CER,CHIP
2203-006410	C1112	C-CER,CHIP

2203-006423	C1012,C1029,C1089	C-CER,CHIP
2203-006423	C1094,C1099,C1108	C-CER,CHIP
2203-006423	C2000,C2021,C4021	C-CER,CHIP
2203-006423	C4022,C4023,C4056	C-CER,CHIP
2203-006423	C4057,C4059,C4060	C-CER,CHIP
2203-006423	C4062,C4063,C4072	C-CER,CHIP
2203-006423	C4082,C4083,C4086	C-CER,CHIP
2203-006423	C4093,C4094,C4098	C-CER,CHIP
2203-006423	C4100,C4102,C4103	C-CER,CHIP
2203-006423	C4105,C4106,C4107	C-CER,CHIP
2203-006423	C4108,C4109,C4110	C-CER,CHIP
2203-006423	C4112,C457,C470	C-CER,CHIP
2203-006423	C5028,C5030,C5069	C-CER,CHIP
2203-006423	C5079,C5104,C5117	C-CER,CHIP
2203-006423	C5128,C6072,C6074	C-CER,CHIP
2203-006423	C6075	C-CER,CHIP
2203-006462	C1052	C-CER,CHIP
2203-006556	C3003	C-CER,CHIP
2203-006562	C4041,C4042,C5097	C-CER,CHIP
2203-006611	C1020	C-CER,CHIP
2203-006665	C1021	C-CER,CHIP
2203-006668	C1059,C1063,C4065	C-CER,CHIP
2203-006674	C1003	C-CER,CHIP
2203-006707	C3070,C3071,C3077	C-CER,CHIP
2203-006707	C3080,C3085,C3097	C-CER,CHIP
2203-006839	C1024	C-CER,CHIP
2203-006872	C5022	C-CER,CHIP
2203-006890	C5059,C5066,C5067	C-CER,CHIP
2203-006890	C5070,C5072,C5074	C-CER,CHIP
2203-006890	C5078,C5081,C5084	C-CER,CHIP
2203-006890	C6048	C-CER,CHIP
2203-006896	C1090,C2024	C-CER,CHIP
2203-006979	C1047,C1083,C1085	C-CER,CHIP
2203-006979	C1087,C1093,C1096	C-CER,CHIP
2203-006979	C1098,C3103,C7036	C-CER,CHIP
2203-006979	C7037,C7042	C-CER,CHIP
2203-007210	C3042,C3064,C3068	C-CER,CHIP

2203-007240	C5068,C5071,C5073	C-CER,CHIP
2203-007240	C5077,C5080,C5082	C-CER,CHIP
2203-007240	C5087,C7002,C7039	C-CER,CHIP
2203-007269	C7000,C7003,C7004	C-CER,CHIP
2203-007271	C7038	C-CER,CHIP
2203-007295	C1031,C1033	C-CER,CHIP
2203-007317	C1102,C3039,C3041	C-CER,CHIP
2203-007317	C3076,C4004,C4017	C-CER,CHIP
2203-007317	C4026,C4032,C4046	C-CER,CHIP
2203-007317	C468,C5006,C5027	C-CER,CHIP
2203-007317	C5031,C5038,C5057	C-CER,CHIP
2203-007317	C5089,C5091,C5093	C-CER,CHIP
2203-007317	C5111	C-CER,CHIP
2203-007342	C3020	C-CER,CHIP
2203-007369	C1011,C1107,C3002	C-CER,CHIP
2203-007369	C3008,C3009,C3010	C-CER,CHIP
2203-007369	C3012,C3013,C3018	C-CER,CHIP
2203-007369	C3021,C3069,C3090	C-CER,CHIP
2203-007369	C3093,C4005,C4006	C-CER,CHIP
2203-007369	C4007,C4008,C4009	C-CER,CHIP
2203-007369	C4010,C4011,C4012	C-CER,CHIP
2203-007369	C4018,C4019,C4020	C-CER,CHIP
2203-007369	C4024,C4025,C4028	C-CER,CHIP
2203-007369	C4029,C4030,C4033	C-CER,CHIP
2203-007369	C4035,C4036,C4037	C-CER,CHIP
2203-007369	C4038,C4039,C4040	C-CER,CHIP
2203-007369	C4048,C4050,C4051	C-CER,CHIP
2203-007369	C4052,C4053,C4054	C-CER,CHIP
2203-007369	C4055,C4066,C4067	C-CER,CHIP
2203-007369	C4068,C4073,C4074	C-CER,CHIP
2203-007369	C4075,C4076,C4088	C-CER,CHIP
2203-007369	C4095,C4097,C5004	C-CER,CHIP
2203-007369	C5013,C5014,C5016	C-CER,CHIP
2203-007369	C5017,C5018,C5019	C-CER,CHIP
2203-007369	C5020,C5021,C5033	C-CER,CHIP
2203-007369	C5035,C5036,C5042	C-CER,CHIP
2203-007369	C5045,C5048,C5052	C-CER,CHIP

2203-007369	C5061,C5063,C5064	C-CER,CHIP
2203-007369	C5086,C5088,C5090	C-CER,CHIP
2203-007369	C5094,C5095,C5096	C-CER,CHIP
2203-007369	C5105,C5107,C5108	C-CER,CHIP
2203-007369	C5120,C5129,C5139	C-CER,CHIP
2203-007369	C6011,C6012,C6041	C-CER,CHIP
2203-007369	C6046,C6047,C6065	C-CER,CHIP
2203-007369	C6066,C7020,C7022	C-CER,CHIP
2203-007369	C7043,C7045	C-CER,CHIP
2203-007391	C3089	C-CER,CHIP
2203-007392	C1109	C-CER,CHIP
2203-007393	C3094,C5024,C5025	C-CER,CHIP
2203-007393	C5132	C-CER,CHIP
2203-007449	C4001,C4002,C4003	C-CER,CHIP
2203-007449	C4014,C4015,C4031	C-CER,CHIP
2203-007449	C4047,C4104	C-CER,CHIP
2203-007474	C1009,C1082,C1086	C-CER,CHIP
2203-007474	C1092,C4000,C4013	C-CER,CHIP
2203-007474	C4045,C469,C5001	C-CER,CHIP
2203-007474	C5060,C5140,C7001	C-CER,CHIP
2203-007474	C7006	C-CER,CHIP
2203-007795	C1105,C5002,C7019	C-CER,CHIP
2203-007796	C1025,C5062,C7024	C-CER,CHIP
2203-007796	C7025	C-CER,CHIP
2203-008095	C5029	C-CER,CHIP
2203-008097	C3040,C3044,C3078	C-CER,CHIP
2203-008097	C3092	C-CER,CHIP
2203-008242	C3001,C3032,C3038	C-CER,CHIP
2203-008242	C4027,C5007,C5008	C-CER,CHIP
2203-008242	C5037,C5039,C5040	C-CER,CHIP
2203-008242	C5050,C5051,C5055	C-CER,CHIP
2203-008242	C5099,C5101,C5102	C-CER,CHIP
2203-008242	C7007,C7009,C7044	C-CER,CHIP
2203-008243	C3104,C3105	C-CER,CHIP
2203-008394	C1122	C-CER,CHIP
2203-008654	C5098	C-CER,CHIP
2203-008795	C5133	C-CER,CHIP

2203-009328	C7008,C7046	C-CER,CHIP
2703-001231	L5009	INDUCTOR-SMD
2703-002309	L7010	INDUCTOR-SMD
2703-002649	L2020	INDUCTOR-SMD
2703-002858	L3021	INDUCTOR-SMD
2703-002901	L2018	INDUCTOR-SMD
2703-002903	L3006	INDUCTOR-SMD
2703-002955	C1055	INDUCTOR-SMD
2703-002958	L1036	INDUCTOR-SMD
2703-002999	L1001,L1016,L1021	INDUCTOR-SMD
2703-003121	L3024,L3025	INDUCTOR-SMD
2703-003687	L5001	INDUCTOR-SMD
2703-003878	L6008	INDUCTOR-SMD
2703-003897	L7002,L7005	INDUCTOR-SMD
2703-004000	L1008,L2015	INDUCTOR-SMD
2703-004012	L1044,L1049,L2003	INDUCTOR-SMD
2703-004012	L3013	INDUCTOR-SMD
2703-004013	L1009,L2006	INDUCTOR-SMD
2703-004018	L1023	INDUCTOR-SMD
2703-004032	C1008,L1006,L1026	INDUCTOR-SMD
2703-004032	L1041,L1043	INDUCTOR-SMD
2703-004034	C1121,L1007,L1042	INDUCTOR-SMD
2703-004034	L2005,L2016,L3001	INDUCTOR-SMD
2703-004034	L3011	INDUCTOR-SMD
2703-004035	L1011,L2002,L2008	INDUCTOR-SMD
2703-004035	L2014,L3015,L3017	INDUCTOR-SMD
2703-004035	L3023	INDUCTOR-SMD
2703-004036	C1037,L3016	INDUCTOR-SMD
2703-004037	L1003,L1020	INDUCTOR-SMD
2703-004038	L3019	INDUCTOR-SMD
2703-004295	L1010	INDUCTOR-SMD
2703-004299	L2019	INDUCTOR-SMD
2703-004302	L1040	INDUCTOR-SMD
2703-004317	L3022	INDUCTOR-SMD
2703-004362	L3002	INDUCTOR-SMD
2703-004366	L3004	INDUCTOR-SMD
2703-004367	L1005,L1014,L1028	INDUCTOR-SMD



2703-004368	L1022	INDUCTOR-SMD
2703-004543	L7001	INDUCTOR-SMD
2703-004597	L5013,L5014,R6041	INDUCTOR-SMD
2703-004597	R6050	INDUCTOR-SMD
2703-004853	L6010	INDUCTOR-SMD
2703-004862	L3020	INDUCTOR-SMD
2703-004914	L3018	INDUCTOR-SMD
2703-004976	C1042,L1018,L1024	INDUCTOR-SMD
2703-005017	L1039	INDUCTOR-SMD
2703-005058	L1000,L1004,L1048	INDUCTOR-SMD
2703-005067	L5002,L5003,L5004	INDUCTOR-SMD
2703-005067	L5005,L5006,L5007	INDUCTOR-SMD
2703-005067	L5008	INDUCTOR-SMD
2703-005089	L1015	INDUCTOR-SMD
2703-005223	L5000	INDUCTOR-SMD
2801-005167	OSC3001	CRYSTAL-SMD
2801-005254	OSC5000	CRYSTAL-SMD
2805-001116	OSC3000	OSCILLATOR-TCXO
2809-001417	TCX1000	OSCILLATOR-VCTCXO
2901-001786	F7000,F7001,F7002	FILTER-EMI/ESD
2901-001786	F7003,F7004	FILTER-EMI/ESD
2904-002134	F1005	FILTER-SAW
2904-002139	F2001	FILTER-SAW
2904-002141	F1004	FILTER-SAW
2904-002168	F3000	FILTER-SAW
2904-002314	F3001	FILTER-SAW
2910-000253	F1006	DUPLEXER-SAW
2911-000390	U2002	DUPLEXER-FEM
2911-000391	F1001	DUPLEXER-FEM
3003-001215	MIC6000	MIC MEMS
3301-001438	L3009	BEAD-SMD
3301-001534	C6038	BEAD-SMD
3301-001756	L1050	BEAD-SMD
3301-001789	L7000,L7003,L7006	BEAD-SMD
3301-001885	L6001	BEAD-SMD
3301-001895	L1013,L2000,L2017	BEAD-SMD
3301-001895	L3000,L3010	BEAD-SMD

3301-002037	L1038	BEAD-SMD
3301-002078	L5015,L6000,L6003	BEAD-SMD
3301-002078	L6004,L6005,L6006	BEAD-SMD
3301-002078	L6007,L6009	BEAD-SMD
3301-002122	L1037	BEAD-SMD
3301-002236	L7014	BEAD-SMD
3301-002237	L7012	BEAD-SMD
3301-002239	L7013,U7007	BEAD-SMD
3705-001448	RFS1000,RFS1002	CONNECTOR-COAXIAL
3705-001708	RFS1001,RFS1003	CONNECTOR-COAXIAL
3709-001840	SIM5000	CONNECTOR-CARD EDGE
3711-008509	HDC7000	HEADER-BOARD TO BOARD
3711-008737	BTC5000	CONNECTOR-BATTERY
3711-008926	HDC7002	HEADER-BOARD TO BOARD
3711-008986	HDC7001	HEADER-BOARD TO BOARD
3711-009005	HDC7003	HEADER-BOARD TO BOARD
3712-001542	ANT5000,ANT5004	CONNECTOR-TERMINAL
3712-001621	ANT2000,ANT2001	CONNECTOR-TERMINAL
3712-001621	ANT2002,ANT2004	CONNECTOR-TERMINAL
3712-001621	ANT3000,ANT3003	CONNECTOR-TERMINAL
3712-001621	ANT5007,ANT5008	CONNECTOR-TERMINAL
3712-001621	ANT5009,ANT5010	CONNECTOR-TERMINAL
3712-001621	ANT5011,ANT6000	CONNECTOR-TERMINAL
3712-001621	ANT6001,ANT6003	CONNECTOR-TERMINAL
3712-001621	ANT6004,ANT6005	CONNECTOR-TERMINAL
3712-001621	ANT6006,ANT6007	CONNECTOR-TERMINAL
3712-001621	ANT6008	CONNECTOR-TERMINAL
3712-001634	ANT5005,ANT5006	CONNECTOR-TERMINAL
4709-002187	CPL1000,CPL1001	COUPLER-DIRECTION
4709-002196	F1000	FREQ-DISTRIBUTER
4709-002284	F3003	FREQ-DISTRIBUTER
GH62-00030A	ANT2003,ANT3004	SOCKET-PCB GASKET
GH62-00030A	ANT3005,ANT3006	SOCKET-PCB GASKET
GH63-11338A	SC2006	SHIELD-COVER_B_D
GH63-11341A	SC2005	SHIELD-COVER_R_F
GH80-03320A	R5060	SOLDER-CREAM
GH98-37882A	SC2002	ASSY ACCE-SHIELD_CAN_B_A

GH98-37886A	SC2000	ASSY ACCE-SHIELD_CAN_B_B
GH98-37887A	SC2007	ASSY ACCE-SHIELD_CAN_B_C
GH98-37889A	SC2004	ASSY ACCE-SHIELD_CAN_B_E
GH98-37891A	SC2001	ASSY ACCE-SHIELD_CAN_R_G
GH98-37892A	SC2003	ASSY ACCE-SHIELD_CAN_R_H

Please consult the GSPN website (Samsung Portal) for the most recent version of the product's part list.