

## 5. MAIN Electrical Parts List

Parts Code	Design Loc	Description
0401-001110	D5000	DIODE-SWITCHING
0406-001459	ZD5002	DIODE-TVS
0406-001514	ZD5003	DIODE-TVS
0406-001675	ZD4002	DIODE-TVS
0406-001678	ZD5004,ZD5006,ZD5011	DIODE-TVS
0406-001678	ZD5012	DIODE-TVS
0406-001709	ZD5005,ZD5007,ZD5008	DIODE-TVS
0406-001709	ZD5010	DIODE-TVS
0406-001711	ZD5000,ZD5001	DIODE-TVS
0406-001733	ZD4000	DIODE-TVS
0406-001738	ZD6000,ZD6001,ZD6002	DIODE-TVS
0406-001738	ZD6009,ZD6010,ZD6011	DIODE-TVS
0406-001738	ZD6012,ZD6013,ZD6015	DIODE-TVS
0406-001738	ZD6016,ZD6017,ZD6018	DIODE-TVS
0406-001738	ZD6019	DIODE-TVS
0407-001055	ZD4001	DIODE-ARRAY
0601-003511	LED4000	LED
0601-003569	LED6000	LED
0801-003437	U2009	IC
1001-001964	U1000,U1100	IC
1001-001968	U5003	IC
1001-001970	U1102	IC
1009-001066	U5000	IC
1108-000596	UME4000	MEMORY
1201-003790	U2007	IC
1201-003990	L1044	IC
1201-004049	TXM1000	IC
1201-004056	U1001	IC
1201-004057	PAM1000	IC
1203-007000	U4000	IC
1203-007196	U2000	IC
1203-007324	U6003	IC
1203-007884	U6006	IC

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1203-008250	U4004,U6004	IC
1203-008295	U6000	IC
1203-008324	U4001	IC
1203-008326	U5004,U5006,U6005	IC
1203-008379	U1004	IC
1203-008395	U6002	IC
1203-008490	U6001	IC
1203-008646	U4003	IC
1205-004981	U2006	IC
1205-005162	UCP3000	IC
1205-005214	U1103	IC
1205-005239	U2003	IC
1205-005315	U4002	IC
1209-002275	U5001	IC
1209-002335	U5002	IC
1209-002345	U2008	IC
1404-001664	TH4000	THERMISTOR
1404-001724	TH1000,TH3000	THERMISTOR
1405-001395	V4003,V4004,V4006	VARISTOR
1405-001395	V4007,V4008,V4009	VARISTOR
1405-001395	VR1000	VARISTOR
1405-001403	V1002,V2000,VR1001	VARISTOR
1405-001403	VR1002,VR1004,VR1005	VARISTOR
1405-001409	V4000,V4002	VARISTOR
1405-001420	V4005,V4010,VR1003	VARISTOR
1405-001420	VR1011	VARISTOR
1405-001425	V1000	VARISTOR
2007-001284	R4027	R-CHIP
2007-007315	R3014	R-CHIP
2007-008045	R2020	R-CHIP
2007-008052	R3002,R3004,R3019	R-CHIP
2007-008052	R3021,R3022,R5033	R-CHIP
2007-008055	R4023,R5028,R5030	R-CHIP
2007-008055	R6013	R-CHIP

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2007-008137	R6024	R-CHIP
2007-008210	R1002,R6002	R-CHIP
2007-008419	R4009,R4031	R-CHIP
2007-008486	R4026,R4028	R-CHIP
2007-008516	R2000,R4011,R5001	R-CHIP
2007-008516	R5002,R5010,R5019	R-CHIP
2007-008516	R5020,R5910,R6001	R-CHIP
2007-008516	R6006,R6008,R6010	R-CHIP
2007-008516	R6015,R6025	R-CHIP
2007-008582	R1003,R1004	R-CHIP
2007-008587	R2001,R2002	R-CHIP
2007-008588	R2019,R3006,R3007	R-CHIP
2007-008588	R3008,R3009,R3010	R-CHIP
2007-008588	R3011,R3012,R3013	R-CHIP
2007-008588	R3024,R3025,R4032	R-CHIP
2007-008588	R4033,R4034,R4035	R-CHIP
2007-008588	R4036,R4037,R6016	R-CHIP
2007-008588	R6017,R6018	R-CHIP
2007-008774	R4017,R4018	R-CHIP
2007-008788	R3026	R-CHIP
2007-008808	R5008	R-CHIP
2007-009084	R3017,R6007	R-CHIP
2007-009157	R1005,R3015,R4003	R-CHIP
2007-009157	R4005	R-CHIP
2007-009182	R5005	R-CHIP
2007-009223	R5023	R-CHIP
2007-009361	R1001	R-CHIP
2007-009410	R5022	R-CHIP
2007-009766	R5027,R5029	R-CHIP
2007-009801	R4016	R-CHIP
2007-009866	R5006	R-CHIP
2007-009879	R2003	R-CHIP
2007-009920	R3000,R4012	R-CHIP
2007-009954	R5024	R-CHIP

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2007-010856	R4015	R-CHIP
2007-011043	R3016	R-CHIP
2007-011648	R4020	R-CHIP
2203-000438	C4100	C-CERAMIC,CHIP
2203-001153	C4107	C-CERAMIC,CHIP
2203-005344	C4098	C-CERAMIC,CHIP
2203-005682	C1004,C1025,C1034	C-CERAMIC,CHIP
2203-005682	C1063,C1078,C1091	C-CERAMIC,CHIP
2203-005682	C2035,C2054,C2059	C-CERAMIC,CHIP
2203-005682	C2060,C5001,C5011	C-CERAMIC,CHIP
2203-005717	C1035,C1048,C1075	C-CERAMIC,CHIP
2203-005717	C1080,C1082,C1086	C-CERAMIC,CHIP
2203-005717	C1087,C1093,C1094	C-CERAMIC,CHIP
2203-005717	C1097	C-CERAMIC,CHIP
2203-005719	C4117	C-CERAMIC,CHIP
2203-005725	C2056	C-CERAMIC,CHIP
2203-005726	C5000	C-CERAMIC,CHIP
2203-005727	C5002,C6000,C6021	C-CERAMIC,CHIP
2203-005729	C5004,C5005,C5019	C-CERAMIC,CHIP
2203-005729	C5021,C5032,C5033	C-CERAMIC,CHIP
2203-005732	C4076,C4077	C-CERAMIC,CHIP
2203-005734	C2045	C-CERAMIC,CHIP
2203-005736	C1007,C1008,C1023	C-CERAMIC,CHIP
2203-005736	C1024,C1028,C1032	C-CERAMIC,CHIP
2203-005736	C1033,C1036,C1043	C-CERAMIC,CHIP
2203-005736	C1058,C1060,C1061	C-CERAMIC,CHIP
2203-005736	C1066,C1088,C1089	C-CERAMIC,CHIP
2203-005736	C1092,C1099,C1100	C-CERAMIC,CHIP
2203-005736	C1104,C1106,C1107	C-CERAMIC,CHIP
2203-005736	C1108,C1116,C1120	C-CERAMIC,CHIP
2203-005736	C1125,C1126,C1130	C-CERAMIC,CHIP
2203-005736	C1136,C1137,C1141	C-CERAMIC,CHIP
2203-005736	C1142,C1143,C1144	C-CERAMIC,CHIP
2203-005736	C1145,C1149,C1150	C-CERAMIC,CHIP

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2203-005736	C1155,C1156,C1160	C-CERAMIC,CHIP
2203-005736	C1162,C1163,C1164	C-CERAMIC,CHIP
2203-005736	C1169,C1170,C2034	C-CERAMIC,CHIP
2203-005736	C2042,C2043,C2047	C-CERAMIC,CHIP
2203-005736	C2055,C2058,C2061	C-CERAMIC,CHIP
2203-005736	L1054,L1062	C-CERAMIC,CHIP
2203-005777	C1012,C1022,C1042	C-CERAMIC,CHIP
2203-005777	C1067,C1083,C1095	C-CERAMIC,CHIP
2203-005777	C2052,L1064	C-CERAMIC,CHIP
2203-005789	C1020,C1039,C1090	C-CERAMIC,CHIP
2203-005789	L1056,L1065,L1108	C-CERAMIC,CHIP
2203-005792	C1021,C1047,C1096	C-CERAMIC,CHIP
2203-005806	C1002,C1018,C1073	C-CERAMIC,CHIP
2203-005806	C3049,C4000,C4026	C-CERAMIC,CHIP
2203-006048	C4049,C4075	C-CERAMIC,CHIP
2203-006123	C1006	C-CERAMIC,CHIP
2203-006187	C1049,C1050,C1051	C-CERAMIC,CHIP
2203-006187	C1101,C1109	C-CERAMIC,CHIP
2203-006194	C2039,C2040,C2041	C-CERAMIC,CHIP
2203-006194	C2044,C3025	C-CERAMIC,CHIP
2203-006208	C6024	C-CERAMIC,CHIP
2203-006305	C1005	C-CERAMIC,CHIP
2203-006318	C1085	C-CERAMIC,CHIP
2203-006379	C3012,C3036,C3037	C-CERAMIC,CHIP
2203-006379	C3040,C3041,C3042	C-CERAMIC,CHIP
2203-006379	C3043	C-CERAMIC,CHIP
2203-006399	C1117,C1124,C3022	C-CERAMIC,CHIP
2203-006399	C4073,C4074,C5013	C-CERAMIC,CHIP
2203-006399	C5911,C6018,C6023	C-CERAMIC,CHIP
2203-006399	C6029	C-CERAMIC,CHIP
2203-006400	C1129,C2057,C5020	C-CERAMIC,CHIP
2203-006400	C5022	C-CERAMIC,CHIP
2203-006423	C1041,C1046,C1056	C-CERAMIC,CHIP
2203-006423	C1081,C1098,C1121	C-CERAMIC,CHIP

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2203-006423	C1122,C1123,C1140	C-CERAMIC,CHIP
2203-006423	C2016,C2062,C2063	C-CERAMIC,CHIP
2203-006423	C3003,C3015,C3020	C-CERAMIC,CHIP
2203-006423	C3021,C3030,C3031	C-CERAMIC,CHIP
2203-006423	C3032,C3033,C3034	C-CERAMIC,CHIP
2203-006423	C3045,C3047,C3048	C-CERAMIC,CHIP
2203-006423	C3050,C3051,C3053	C-CERAMIC,CHIP
2203-006423	C3054,C3055,C3060	C-CERAMIC,CHIP
2203-006423	C3061,C3062,C3063	C-CERAMIC,CHIP
2203-006423	C3064,C3065,C3066	C-CERAMIC,CHIP
2203-006423	C4010,C4012,C4021	C-CERAMIC,CHIP
2203-006423	C4025,C4057,C4072	C-CERAMIC,CHIP
2203-006423	C5007,C5008,C5023	C-CERAMIC,CHIP
2203-006423	C5024,C5029,C6013	C-CERAMIC,CHIP
2203-006423	C6015	C-CERAMIC,CHIP
2203-006426	R5021	C-CERAMIC,CHIP
2203-006556	C4096,C4097,C5012	C-CERAMIC,CHIP
2203-006562	C1013,C1016,C1072	C-CERAMIC,CHIP
2203-006562	C2000,C4089,C4094	C-CERAMIC,CHIP
2203-006562	C4104,C4108,C5014	C-CERAMIC,CHIP
2203-006562	C5910,C6017,C6022	C-CERAMIC,CHIP
2203-006562	C6028,C6041,C6042	C-CERAMIC,CHIP
2203-006562	C6043	C-CERAMIC,CHIP
2203-006604	C6016	C-CERAMIC,CHIP
2203-006611	C1019,C1040	C-CERAMIC,CHIP
2203-006642	C4078,C4079,C4080	C-CERAMIC,CHIP
2203-006647	C3011,C3013	C-CERAMIC,CHIP
2203-006648	C2049	C-CERAMIC,CHIP
2203-006712	C4110	C-CERAMIC,CHIP
2203-006815	C3035,C4084	C-CERAMIC,CHIP
2203-006824	C3014	C-CERAMIC,CHIP
2203-006839	C1014,C1064,C4033	C-CERAMIC,CHIP
2203-006839	C6012	C-CERAMIC,CHIP
2203-006872	C2013,C2065,C4016	C-CERAMIC,CHIP

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2203-006872	C5006	C-CERAMIC,CHIP
2203-006896	C1017	C-CERAMIC,CHIP
2203-006979	C5030	C-CERAMIC,CHIP
2203-007143	C6019	C-CERAMIC,CHIP
2203-007194	C2053	C-CERAMIC,CHIP
2203-007210	C1059,C4051,C4053	C-CERAMIC,CHIP
2203-007210	C4066,C5010	C-CERAMIC,CHIP
2203-007240	C4018,C4019,C4035	C-CERAMIC,CHIP
2203-007240	C4036,C4037,C4038	C-CERAMIC,CHIP
2203-007240	C4044,C4045	C-CERAMIC,CHIP
2203-007269	C6003,C6004,C6007	C-CERAMIC,CHIP
2203-007270	C2051	C-CERAMIC,CHIP
2203-007271	C3052,C4009,C4020	C-CERAMIC,CHIP
2203-007271	C4022,C4023,C4088	C-CERAMIC,CHIP
2203-007279	C4007,C4102	C-CERAMIC,CHIP
2203-007317	C6025,C6031	C-CERAMIC,CHIP
2203-007369	C2014,C2015	C-CERAMIC,CHIP
2203-007391	C1118,C2037,C2048	C-CERAMIC,CHIP
2203-007391	C4071,C6020	C-CERAMIC,CHIP
2203-007393	C1065,C1076,C2038	C-CERAMIC,CHIP
2203-007393	C4003,C4004,C4005	C-CERAMIC,CHIP
2203-007393	C4008,C4024,C4043	C-CERAMIC,CHIP
2203-007393	C4050,C4052,C4083	C-CERAMIC,CHIP
2203-007393	C4092,C6014	C-CERAMIC,CHIP
2203-007449	C3000,C3001,C3002	C-CERAMIC,CHIP
2203-007449	C3005,C3007,C3008	C-CERAMIC,CHIP
2203-007449	C3009,C3010,C3016	C-CERAMIC,CHIP
2203-007449	C3017,C3018,C3019	C-CERAMIC,CHIP
2203-007449	C3023,C3024,C3026	C-CERAMIC,CHIP
2203-007449	C3027,C3028,C3038	C-CERAMIC,CHIP
2203-007449	C3039,C3044,C3046	C-CERAMIC,CHIP
2203-007449	C3056,C3057,C3058	C-CERAMIC,CHIP
2203-007449	C3059,C4011,C4014	C-CERAMIC,CHIP
2203-007449	C4015,C4017,C4027	C-CERAMIC,CHIP

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2203-007449	C4028,C4030,C4031	C-CERAMIC,CHIP
2203-007449	C4032,C4034,C4048	C-CERAMIC,CHIP
2203-007449	C4054,C4061,C4093	C-CERAMIC,CHIP
2203-007449	C4103,C4109,C5009	C-CERAMIC,CHIP
2203-007449	C5034,C6026,C6027	C-CERAMIC,CHIP
2203-007449	C6030,C6032,C6033	C-CERAMIC,CHIP
2203-007474	C2046,C2050	C-CERAMIC,CHIP
2203-007775	C1084,C6044,C6045	C-CERAMIC,CHIP
2203-007796	C1000,C1001,C4101	C-CERAMIC,CHIP
2203-007796	C6038,C6040	C-CERAMIC,CHIP
2203-008242	C4056,C4060,C4065	C-CERAMIC,CHIP
2203-008242	C5003,C6034,C6035	C-CERAMIC,CHIP
2203-008242	C6036,C6039	C-CERAMIC,CHIP
2203-008394	C1011	C-CERAMIC,CHIP
2203-008527	C1003,C4099,C4112	C-CERAMIC,CHIP
2203-008527	C4113,C4114,C4115	C-CERAMIC,CHIP
2203-008654	C4086	C-CERAMIC,CHIP
2203-008689	C4087	C-CERAMIC,CHIP
2203-008844	C4091	C-CERAMIC,CHIP
2203-008860	C4090	C-CERAMIC,CHIP
2203-008876	C4041,C4042,C4081	C-CERAMIC,CHIP
2203-008876	C4082	C-CERAMIC,CHIP
2203-009048	C6001,C6002	C-CERAMIC,CHIP
2203-009049	C6046	C-CERAMIC,CHIP
2203-009733	C4095,L1071	C-CERAMIC,CHIP
2703-001231	L4008	INDUCTOR-SMD
2703-002313	L5013	INDUCTOR-SMD
2703-002649	L2004	INDUCTOR-SMD
2703-002858	L1090,L1091,L1093	INDUCTOR-SMD
2703-002858	L2010	INDUCTOR-SMD
2703-002900	L1028	INDUCTOR-SMD
2703-002903	L6007	INDUCTOR-SMD
2703-002907	L1006,L1025	INDUCTOR-SMD
2703-002959	R6009,R6012	INDUCTOR-SMD



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2703-002960	L1005,L1014,L1103	INDUCTOR-SMD
2703-002960	L1107,L1112,L5012	INDUCTOR-SMD
2703-002960	L5020,L5021	INDUCTOR-SMD
2703-002961	L5007,L5008	INDUCTOR-SMD
2703-003064	L1000	INDUCTOR-SMD
2703-003686	L3000,L4010	INDUCTOR-SMD
2703-003878	L5022	INDUCTOR-SMD
2703-004000	L1004,L1105,L2006	INDUCTOR-SMD
2703-004012	C1044,C1069,L1024	INDUCTOR-SMD
2703-004012	L1068,L1069,L1079	INDUCTOR-SMD
2703-004012	L1113	INDUCTOR-SMD
2703-004013	L1008,L1050,L1051	INDUCTOR-SMD
2703-004013	L1067,L1073	INDUCTOR-SMD
2703-004014	C1029,L1018,L1110	INDUCTOR-SMD
2703-004018	L1012,L1023,L1120	INDUCTOR-SMD
2703-004034	L1009,L1013,L1077	INDUCTOR-SMD
2703-004034	L1106	INDUCTOR-SMD
2703-004035	C2036,L1011,L1021	INDUCTOR-SMD
2703-004035	L1075,L1114,L1115	INDUCTOR-SMD
2703-004035	L1116,L1118,L1119	INDUCTOR-SMD
2703-004037	L1045	INDUCTOR-SMD
2703-004038	L1063	INDUCTOR-SMD
2703-004193	L1003	INDUCTOR-SMD
2703-004259	L1109	INDUCTOR-SMD
2703-004286	L1092	INDUCTOR-SMD
2703-004287	C1026,L1078,L1083	INDUCTOR-SMD
2703-004288	C1074,C1115,L1001	INDUCTOR-SMD
2703-004288	L1046,L1072,L1080	INDUCTOR-SMD
2703-004288	L1082,L1084	INDUCTOR-SMD
2703-004297	L6006	INDUCTOR-SMD
2703-004298	L1007,L1026	INDUCTOR-SMD
2703-004328	L1042	INDUCTOR-SMD
2703-004363	L1074	INDUCTOR-SMD
2703-004366	L1002,L1055	INDUCTOR-SMD

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2703-004368	C1148,L1015,L1020	INDUCTOR-SMD
2703-004369	L1019,L1052	INDUCTOR-SMD
2703-004764	L2008	INDUCTOR-SMD
2703-005102	L4003	INDUCTOR-SMD
2703-005106	L1076	INDUCTOR-SMD
2703-005117	L6001,L6002	INDUCTOR-SMD
2703-005118	L6000	INDUCTOR-SMD
2703-005339	L4000,L4001	INDUCTOR-SMD
2703-005340	L4004,L4011	INDUCTOR-SMD
2801-005300	OSC4000	CRYSTAL-UNIT
2901-001798	F605,F606,F607,F608	FILTER-EMI
2901-001798	F609	FILTER-EMI
2904-002169	F2001	FILTER-SAW
2904-002211	F1011	FILTER-SAW
2904-002257	F1016	FILTER-SAW
2904-002269	F1014	FILTER-SAW
2904-002314	F2000	FILTER-SAW
2904-002350	F1004	FILTER-SAW
2910-000296	F1008	FILTER
2910-000321	F1002	FILTER
2910-000342	F1009	FILTER
2910-000352	F1006	FILTER
2910-000363	F1000	FILTER
2910-000379	F1001	FILTER
2910-000385	F1007	FILTER
2911-000421	U1007	FILTER
3003-001219	MIC5000	MIC-CONDENSOR
3301-001729	L5010	CORE-FERRITE
3301-001789	L6003,L6004,L6005	CORE-FERRITE
3301-001812	L5000,L5001	CORE-FERRITE
3301-001885	L5002,L5009,L5016	CORE-FERRITE
3301-001885	L5017,L5018	CORE-FERRITE
3301-001895	L1104,L2009	CORE-FERRITE
3301-001914	L4002	CORE-FERRITE

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3301-002035	L1066	CORE-FERRITE
3301-002078	L5011	CORE-FERRITE
3301-002122	L5005,L5006	CORE-FERRITE
3301-002235	L4006,L4007,L5014	CORE-FERRITE
3301-002235	L5015	CORE-FERRITE
3301-002236	L4005,L5003,L5019	CORE-FERRITE
3301-002237	L2000	CORE-FERRITE
3301-002248	L2005	CORE-FERRITE
3301-002254	L4009,L4012	CORE-FERRITE
3404-001550	TAC5000,TAC5001	SWITCH-TACT
3705-001708	RFS1000	CONNECTOR-COAXIAL
3709-001799	CN6000,CN6002	CONNECTOR-CARD
3709-001899	CN6001	CONNECTOR-CARD
3711-007295	HDC6003	CONNECTOR-HEADER
3711-007810	HEA5000	CONNECTOR-HEADER
3711-008182	HDC6002	CONNECTOR-HEADER
3711-008511	HDC6000	CONNECTOR-HEADER
3711-008737	BTC4000	CONNECTOR-HEADER
3712-001621	ANT1001,ANT1004	CONNECTOR
3712-001621	ANT1005,ANT1008	CONNECTOR
3712-001621	ANT1011,ANT1013	CONNECTOR
3712-001621	ANT2002,PWR50,PWR51	CONNECTOR
3712-001626	RCV50,RCV51	CONNECTOR
3712-001634	ANT1000,ANT1002	CONNECTOR
3712-001634	ANT1003,ANT1006	CONNECTOR
3712-001634	ANT1009,ANT1010	CONNECTOR
3712-001634	ANT1012,ANT1014	CONNECTOR
3712-001634	ANT2003,MOT50,MOT51	CONNECTOR
3712-001666	SPK50,SPK51	CONNECTOR
3722-003708	IFC4000	JACK-PHONE
4709-002464	F1012	RF-MODULE
GH63-12570A	SC1003	SC-SMJ5108-WIFI
GH63-12571A	SC1001	SC-SMJ5108-OCTADC
GH63-12572A	SC1000	SC-SMJ5108-APT

## 5. MAIN Electrical Parts List

GH80-03320A	R5000	PB-SHORT-1005
GH80-03321A	R1000,R1006,R1007	PB-SHORT-0603
GH80-03321A	R3028,R4006,R4008	PB-SHORT-0603
GH80-03321A	R4040,R5017,R5025	PB-SHORT-0603
GH80-03321A	R5026,R5034,R6019	PB-SHORT-0603
GH80-03321A	R6021,R6022	PB-SHORT-0603
GH98-39310A	SC1005	SC-SMJ5108-PMIC
GH98-39312A	SC1002	SC-SMJ5108-AP
GH98-39313A	SC1004	SC-SMJ5108-RF

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