

5. MAIN Electrical Parts List

Parts Code	Design LOC	Description
0401-001110	D5002	DIODE-SWITCHING
0404-001646	D7005	DIODE-SCHOTTKY
0404-001972	D5003	DIODE-SCHOTTKY
0406-001561	U7093,ZD6002,ZD6003	DIODE-TVS
0406-001561	ZD6004	DIODE-TVS
0406-001592	ZD6016	DIODE-TVS
0406-001728	ZD1000	DIODE-TVS
0406-001781	ZD6014,ZD6019	DIODE-TVS
0406-001797	ZD6001,ZD6011	DIODE-TVS
0406-001807	ZD5000	DIODE-TVS
0406-001808	D5000	DIODE-TVS
0505-003618	Q5001	FET-SILICON
0601-003768	LED5000	LED
1001-001911	U2007	IC
1001-001970	U2002,U2003	IC
1001-001974	U1011	IC
1003-002802	U2009	IC
1201-003869	U3000	IC
1201-004109	U1006	IC
1201-004135	PAM1000	IC
1201-004219	U1002,U1005	IC
1201-004228	U6000	IC
1203-008249	U7008	IC
1203-008251	U5006	IC
1203-008322	U7002	IC
1203-008468	U5004	IC
1203-008575	U6009	IC
1203-008693	U2008	IC
1203-008771	U6001	IC
1203-008865	U7003	IC
1203-008867	U3004,U7006	IC
1203-008870	U7005	IC
1203-008925	U7007	IC
1203-008955	U7004	IC
1203-008989	U7000	IC
1203-008995	U7116	IC
1203-009258	U5002	IC
1205-005806	U2006	IC

5. MAIN Electrical Parts List

1205-005860	U3002	IC
1205-006088	U3005	IC
1205-006117	UCP400	IC
1209-002552	U7009	IC
1209-002621	U7001	IC
1404-001724	TH1000,TH4000	THERMISTOR
1405-001404	VR6001	VARISTOR
2007-003015	R6024,R6034	R-CHIP
2007-007107	R5004	R-CHIP
2007-007136	R3003,R7020	R-CHIP
2007-007190	R6014,R6015	R-CHIP
2007-007313	R3001,R3002	R-CHIP
2007-007741	L1006,R4012,R4014	R-CHIP
2007-007741	R4016,R4020,R5000	R-CHIP
2007-007741	R5020,R5022,R5023	R-CHIP
2007-007741	R6000,R6025,R7004	R-CHIP
2007-007741	R7011	R-CHIP
2007-007798	R6027	R-CHIP
2007-007942	R5007	R-CHIP
2007-007946	R5011	R-CHIP
2007-008056	R1005,R1006	R-CHIP
2007-008210	R6006	R-CHIP
2007-008531	R5015,R7005,R7013	R-CHIP
2007-008785	R1001	R-CHIP
2007-008800	R6019	R-CHIP
2007-008806	R2001	R-CHIP
2007-008816	R6023	R-CHIP
2007-009111	R5002,R7000	R-CHIP
2007-009157	C5131,R1003,R4001	R-CHIP
2007-009157	R4002,R4003,R4010	R-CHIP
2007-009157	R4047,R5006,R6038	R-CHIP
2007-009158	R5005	R-CHIP
2007-009171	R5001,R7015	R-CHIP
2007-009212	R5008,R5010,R5021	R-CHIP
2007-009212	R7007	R-CHIP
2007-009315	R5014,R5016,R5017	R-CHIP
2007-009315	R5024,R7026,R7029	R-CHIP
2007-009361	R1010,R1011	R-CHIP
2007-009408	R3006,R3007,R3012	R-CHIP

5. MAIN Electrical Parts List

2007-009408	R4017,R4018,R4022	R-CHIP
2007-009408	R4023,R4024,R4025	R-CHIP
2007-009408	R4026,R4027,R4030	R-CHIP
2007-009408	R4032,R4037,R4038	R-CHIP
2007-009408	R4042,R4043,R6013	R-CHIP
2007-009408	R6031,R7030	R-CHIP
2007-009410	R6032	R-CHIP
2007-009766	R3000	R-CHIP
2007-009793	R6022	R-CHIP
2007-009801	R5054	R-CHIP
2007-009805	R1000	R-CHIP
2007-009920	R4004,R4005,R4007	R-CHIP
2007-009920	R4009	R-CHIP
2007-010202	R5019,R7028	R-CHIP
2007-010685	U7084	R-CHIP
2007-011043	R4029,R4048,R4049	R-CHIP
2007-011043	R4050,R4051	R-CHIP
2007-011532	R6036	R-CHIP
2007-011648	R6001	R-CHIP
2007-012068	R5003	R-CHIP
2203-000359	C3049	C-CERAMIC,CHIP
2203-000386	C3050	C-CERAMIC,CHIP
2203-000425	C7041	C-CERAMIC,CHIP
2203-000489	C5122,C5123,C7023	C-CERAMIC,CHIP
2203-001239	C3044,C3052,C7040	C-CERAMIC,CHIP
2203-002677	C2030	C-CERAMIC,CHIP
2203-005682	C1010,C1038,C1073	C-CERAMIC,CHIP
2203-005682	C1079,C1114,C2066	C-CERAMIC,CHIP
2203-005682	C2067,C5125,C5126	C-CERAMIC,CHIP
2203-005682	C5129,C7199,C7200	C-CERAMIC,CHIP
2203-005682	L1010,L1045	C-CERAMIC,CHIP
2203-005726	C1006	C-CERAMIC,CHIP
2203-005727	C5103,L1035,L2001	C-CERAMIC,CHIP
2203-005729	C6005,C6012,C6032	C-CERAMIC,CHIP
2203-005729	C7096,C7182,C7195	C-CERAMIC,CHIP
2203-005731	C2046	C-CERAMIC,CHIP
2203-005732	C5148,C6001,C7194	C-CERAMIC,CHIP
2203-005732	L2021	C-CERAMIC,CHIP
2203-005734	C2034	C-CERAMIC,CHIP

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5. MAIN Electrical Parts List

2203-005736	C1001,C1013,C1025	C-CERAMIC,CHIP
2203-005736	C1029,C1034,C1070	C-CERAMIC,CHIP
2203-005736	C1072,C1102,C1137	C-CERAMIC,CHIP
2203-005736	C2000,C2004,C2010	C-CERAMIC,CHIP
2203-005736	C2056,C3000,C3006	C-CERAMIC,CHIP
2203-005736	C3013,C3014,C3027	C-CERAMIC,CHIP
2203-005736	C3029,C3030,C6171	C-CERAMIC,CHIP
2203-005736	C7046,L2008,L3003	C-CERAMIC,CHIP
2203-005777	C1005,C1037,C1046	C-CERAMIC,CHIP
2203-005777	C1117	C-CERAMIC,CHIP
2203-005789	C1002,C1021,C1031	C-CERAMIC,CHIP
2203-005789	C1044,C1045,C1067	C-CERAMIC,CHIP
2203-005789	C1120,C1142,C2005	C-CERAMIC,CHIP
2203-005789	C2009,C2036,L1017	C-CERAMIC,CHIP
2203-005789	L2026	C-CERAMIC,CHIP
2203-005792	C1020,C1022,C1027	C-CERAMIC,CHIP
2203-005792	C6023	C-CERAMIC,CHIP
2203-005806	C1099,C1106,C1108	C-CERAMIC,CHIP
2203-005806	C2003,C2060,C3062	C-CERAMIC,CHIP
2203-005806	U7129	C-CERAMIC,CHIP
2203-006121	C6002,C6003	C-CERAMIC,CHIP
2203-006123	L1022,L1029	C-CERAMIC,CHIP
2203-006194	C6036,C6037,C7161	C-CERAMIC,CHIP
2203-006318	C1004,C1017,C1040	C-CERAMIC,CHIP
2203-006318	C2029,C7187	C-CERAMIC,CHIP
2203-006400	C2041,C3020,C3031	C-CERAMIC,CHIP
2203-006400	C3043,C3053,C4013	C-CERAMIC,CHIP
2203-006400	C6009,C6015	C-CERAMIC,CHIP
2203-006410	C1018,C2035,L3007	C-CERAMIC,CHIP
2203-006423	C1071,C2026,C4005	C-CERAMIC,CHIP
2203-006423	C5119,C5120,C6000	C-CERAMIC,CHIP
2203-006423	C6022,C7050,C7193	C-CERAMIC,CHIP
2203-006423	C7203	C-CERAMIC,CHIP
2203-006556	C1007,C1014,C1092	C-CERAMIC,CHIP
2203-006556	C3005,C5046,C5154	C-CERAMIC,CHIP
2203-006556	C5155,C6025,C6035	C-CERAMIC,CHIP
2203-006648	C6024	C-CERAMIC,CHIP
2203-006665	C3017	C-CERAMIC,CHIP
2203-006668	C4064	C-CERAMIC,CHIP

5. MAIN Electrical Parts List

2203-006839	C1039,C1131,C2002	C-CERAMIC,CHIP
2203-006839	C3015,C4035,C5092	C-CERAMIC,CHIP
2203-006839	C7037	C-CERAMIC,CHIP
2203-006846	C4101,C4102,C4103	C-CERAMIC,CHIP
2203-006846	C4104	C-CERAMIC,CHIP
2203-006979	C2012,C2015,C2017	C-CERAMIC,CHIP
2203-006979	C2018,C2020,C2022	C-CERAMIC,CHIP
2203-006979	C2027,C2045,U2001	C-CERAMIC,CHIP
2203-007194	C1061	C-CERAMIC,CHIP
2203-007210	C4025,C4050,C4051	C-CERAMIC,CHIP
2203-007210	C5141,C5142	C-CERAMIC,CHIP
2203-007270	C5048,C5065	C-CERAMIC,CHIP
2203-007295	C2031	C-CERAMIC,CHIP
2203-007317	C3061,C3063,C4011	C-CERAMIC,CHIP
2203-007317	C4023,C4024,C4039	C-CERAMIC,CHIP
2203-007317	C4074,C4078,C5032	C-CERAMIC,CHIP
2203-007317	C5034,C5035,C5036	C-CERAMIC,CHIP
2203-007317	C5152,C7031,C7166	C-CERAMIC,CHIP
2203-007317	C7183	C-CERAMIC,CHIP
2203-007391	C2025,C7013,C7015	C-CERAMIC,CHIP
2203-007391	C7021	C-CERAMIC,CHIP
2203-007393	C2063,C3010,C5062	C-CERAMIC,CHIP
2203-007393	C5084,C5095,C5096	C-CERAMIC,CHIP
2203-007393	C5097,C5099,C5124	C-CERAMIC,CHIP
2203-007393	C7198	C-CERAMIC,CHIP
2203-007450	C7202	C-CERAMIC,CHIP
2203-007456	C1105	C-CERAMIC,CHIP
2203-007474	C2011,C2019,C2023	C-CERAMIC,CHIP
2203-007474	C2028,C4047,C4049	C-CERAMIC,CHIP
2203-007474	C4069,C5056,C7053	C-CERAMIC,CHIP
2203-007796	C2013,C2016,C2021	C-CERAMIC,CHIP
2203-007796	C2062,C3001,C3007	C-CERAMIC,CHIP
2203-007796	C3019,C3022,C3026	C-CERAMIC,CHIP
2203-007796	C3060,C3064,C4002	C-CERAMIC,CHIP
2203-007796	C4004,C4006,C4007	C-CERAMIC,CHIP
2203-007796	C4008,C4009,C4010	C-CERAMIC,CHIP
2203-007796	C4012,C4014,C4015	C-CERAMIC,CHIP
2203-007796	C4018,C4019,C4020	C-CERAMIC,CHIP
2203-007796	C4021,C4022,C4026	C-CERAMIC,CHIP

5. MAIN Electrical Parts List

2203-007796	C4029,C4030,C4033	C-CERAMIC,CHIP
2203-007796	C4034,C4036,C4037	C-CERAMIC,CHIP
2203-007796	C4038,C4040,C4041	C-CERAMIC,CHIP
2203-007796	C4042,C4044,C4045	C-CERAMIC,CHIP
2203-007796	C4052,C4053,C4054	C-CERAMIC,CHIP
2203-007796	C4055,C4056,C4062	C-CERAMIC,CHIP
2203-007796	C4063,C4065,C4066	C-CERAMIC,CHIP
2203-007796	C4067,C4068,C4070	C-CERAMIC,CHIP
2203-007796	C4071,C4072,C4073	C-CERAMIC,CHIP
2203-007796	C4075,C4076,C4077	C-CERAMIC,CHIP
2203-007796	C4079,C4080,C4081	C-CERAMIC,CHIP
2203-007796	C4082,C4083,C4087	C-CERAMIC,CHIP
2203-007796	C4088,C4089,C4090	C-CERAMIC,CHIP
2203-007796	C4091,C4093,C4094	C-CERAMIC,CHIP
2203-007796	C5006,C5008,C5009	C-CERAMIC,CHIP
2203-007796	C5012,C5014,C5015	C-CERAMIC,CHIP
2203-007796	C5016,C5017,C5018	C-CERAMIC,CHIP
2203-007796	C5019,C5020,C5024	C-CERAMIC,CHIP
2203-007796	C5025,C5026,C5029	C-CERAMIC,CHIP
2203-007796	C5030,C5073,C5079	C-CERAMIC,CHIP
2203-007796	C5085,C5100,C5101	C-CERAMIC,CHIP
2203-007796	C5102,C5104,C5107	C-CERAMIC,CHIP
2203-007796	C5108,C5118,C5144	C-CERAMIC,CHIP
2203-007796	C7001,C7003,C7007	C-CERAMIC,CHIP
2203-007796	C7014,C7017,C7018	C-CERAMIC,CHIP
2203-007796	C7024,C7033,C7036	C-CERAMIC,CHIP
2203-007796	C7052,C7164,U7111	C-CERAMIC,CHIP
2203-008095	C5146	C-CERAMIC,CHIP
2203-008097	C6014	C-CERAMIC,CHIP
2203-008242	C2065,C3004,C3023	C-CERAMIC,CHIP
2203-008242	C4001,C4003,C4017	C-CERAMIC,CHIP
2203-008242	C4043,C5000,C5002	C-CERAMIC,CHIP
2203-008242	C5004,C5007,C5011	C-CERAMIC,CHIP
2203-008242	C5021,C5022,C5023	C-CERAMIC,CHIP
2203-008242	C5027,C5028,C5031	C-CERAMIC,CHIP
2203-008242	C5033,C5143,C6013	C-CERAMIC,CHIP
2203-008243	C6029	C-CERAMIC,CHIP
2203-008572	C5136,C7192	C-CERAMIC,CHIP
2203-008654	C5149	C-CERAMIC,CHIP

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5. MAIN Electrical Parts List

2203-008749	C7039	C-CERAMIC,CHIP
2203-008860	C1011,C2064,C3028	C-CERAMIC,CHIP
2203-008860	C3035,C5042,C5043	C-CERAMIC,CHIP
2203-008860	C5083,C5110,C5127	C-CERAMIC,CHIP
2203-008860	C5134,C6007,C6011	C-CERAMIC,CHIP
2203-008860	C7006,C7008,C7010	C-CERAMIC,CHIP
2203-008860	C7012,C7016,C7020	C-CERAMIC,CHIP
2203-008860	C7022,C7032,C7034	C-CERAMIC,CHIP
2203-008876	C1008,C1098,C2061	C-CERAMIC,CHIP
2203-008876	C5075,C5106,C5109	C-CERAMIC,CHIP
2203-008876	C5117,C7169	C-CERAMIC,CHIP
2203-009167	C3048,C3051	C-CERAMIC,CHIP
2203-009328	C4060,C4061,C4086	C-CERAMIC,CHIP
2203-009328	C5038,C5039,C5047	C-CERAMIC,CHIP
2203-009328	C5052,C5060,C5063	C-CERAMIC,CHIP
2203-009328	C5074,C7197	C-CERAMIC,CHIP
2203-009537	C2014,C5003	C-CERAMIC,CHIP
2203-009618	C6170	C-CERAMIC,CHIP
2203-009733	C1015,C2059,C3025	C-CERAMIC,CHIP
2203-009733	C3066,C5037,C5040	C-CERAMIC,CHIP
2203-009733	C5041,C5050,C5054	C-CERAMIC,CHIP
2203-009733	C5055,C5059,C5066	C-CERAMIC,CHIP
2203-009733	C5071,C5076,C5081	C-CERAMIC,CHIP
2203-009733	C6004,C7004,C7038	C-CERAMIC,CHIP
2203-009733	C7042,C7043,C7044	C-CERAMIC,CHIP
2203-009733	C7045,C7196	C-CERAMIC,CHIP
2203-009859	C6008	C-CERAMIC,CHIP
2203-010085	C5070	C-CERAMIC,CHIP
2703-002649	C1127,L1002	INDUCTOR-SMD
2703-002900	C2058,L6018	INDUCTOR-SMD
2703-002901	C2033	INDUCTOR-SMD
2703-002907	C1000,L1008	INDUCTOR-SMD
2703-002951	L2017,L2020,L3001	INDUCTOR-SMD
2703-002953	C2008,L6019	INDUCTOR-SMD
2703-002955	C2032	INDUCTOR-SMD
2703-002959	C1012	INDUCTOR-SMD
2703-002999	C1064,L1028	INDUCTOR-SMD
2703-003970	L1033	INDUCTOR-SMD
2703-004000	C1078	INDUCTOR-SMD

5. MAIN Electrical Parts List

2703-004012	C1124,C1139,L1014	INDUCTOR-SMD
2703-004012	L1016,L1019,L1053	INDUCTOR-SMD
2703-004012	L1063,L1068	INDUCTOR-SMD
2703-004013	C1028,L2015,L2018	INDUCTOR-SMD
2703-004014	L1052	INDUCTOR-SMD
2703-004034	C1076,C1140,C2039	INDUCTOR-SMD
2703-004034	C2054,L1034,L2004	INDUCTOR-SMD
2703-004034	L2022,L2034,L3010	INDUCTOR-SMD
2703-004036	L2010,L3012	INDUCTOR-SMD
2703-004038	C1075,L1015,L2019	INDUCTOR-SMD
2703-004038	L3004	INDUCTOR-SMD
2703-004171	L2032	INDUCTOR-SMD
2703-004286	C1036,C2001,L1005	INDUCTOR-SMD
2703-004286	L1036,L1062,L1064	INDUCTOR-SMD
2703-004286	L2023	INDUCTOR-SMD
2703-004289	L2014,L2025,L3005	INDUCTOR-SMD
2703-004298	L2024	INDUCTOR-SMD
2703-004317	C2007,L1004,L1013	INDUCTOR-SMD
2703-004317	L2009	INDUCTOR-SMD
2703-004328	L2016,L2035	INDUCTOR-SMD
2703-004368	L3009,L3011	INDUCTOR-SMD
2703-004763	C1035,L1026	INDUCTOR-SMD
2703-004853	L1012,L1049	INDUCTOR-SMD
2703-004862	C1060	INDUCTOR-SMD
2703-005058	C1041,L1055	INDUCTOR-SMD
2703-005066	L2039	INDUCTOR-SMD
2703-005067	L5006,L5007,L5008	INDUCTOR-SMD
2703-005067	L5009,L6020	INDUCTOR-SMD
2703-005085	L1003,L1027,L1054	INDUCTOR-SMD
2703-005087	C2006,L1009	INDUCTOR-SMD
2703-005089	C1047,C1050,C1051	INDUCTOR-SMD
2703-005089	C2057,L1023,L1024	INDUCTOR-SMD
2703-005109	U7020	INDUCTOR-SMD
2703-005116	L6004,L7007	INDUCTOR-SMD
2703-005118	L7004	INDUCTOR-SMD
2703-005201	L5001,L5003,L5004	INDUCTOR-SMD
2703-005201	L5005	INDUCTOR-SMD
2703-005296	L1007,L1011,L1018	INDUCTOR-SMD
2703-005296	L1060	INDUCTOR-SMD

5. MAIN Electrical Parts List

2703-005555	U7132,U7133	INDUCTOR-SMD
2801-005264	OSC5000	CRYSTAL-UNIT
2805-001106	OSC2000	OSCILLATOR
2901-001690	C4027,C4028,C4057	FILTER-EMI SMD
2901-001690	C4058,C4059,C4084	FILTER-EMI SMD
2901-001690	C4085	FILTER-EMI SMD
2904-002139	F2001	FILTER-SAW
2904-002143	F1000	FILTER-SAW
2904-002198	F2000	FILTER-SAW
2904-002350	F1008	FILTER-SAW
2904-002355	F3000	FILTER-SAW
2904-002356	F3002	FILTER-SAW
2904-002381	F3003	FILTER-SAW
2904-002397	U7130	FILTER-SAW
2910-000367	F1010	FILTER
2911-000424	U2000	FILTER
2911-000447	U1000	FILTER
3003-001215	MIC6000	MIC-CONDENSOR
3301-001438	L3008	CORE-FERRITE BEAD
3301-001901	L7003	CORE-FERRITE BEAD
3301-002035	L6006,L6007	CORE-FERRITE BEAD
3301-002078	L6003,L6005,R6018	CORE-FERRITE BEAD
3301-002078	U7127	CORE-FERRITE BEAD
3301-002085	L7008	CORE-FERRITE BEAD
3301-002122	L2036,L2037	CORE-FERRITE BEAD
3301-002223	L7001,L7002	CORE-FERRITE BEAD
3301-002235	L6000,L6001,L6002	CORE-FERRITE BEAD
3301-002235	R6017,R6020	CORE-FERRITE BEAD
3301-002236	L2033	CORE-FERRITE BEAD
3301-002237	L2003,L2040,U1003	CORE-FERRITE BEAD
3301-002237	U7016,U7017	CORE-FERRITE BEAD
3301-002238	L1032,L2002,L2006	CORE-FERRITE BEAD
3301-002238	L2012	CORE-FERRITE BEAD
3301-002242	L2038	CORE-FERRITE BEAD
3301-002243	L7005,L7006	CORE-FERRITE BEAD
3301-002244	U7128	CORE-FERRITE BEAD
3301-002254	L5000	CORE-FERRITE BEAD
3301-002309	L3000,L3006	CORE-FERRITE BEAD
3301-002312	L2000,L2007,L2011	CORE-FERRITE BEAD

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5. MAIN Electrical Parts List

3301-002335	L6011	CORE-FERRITE BEAD
3705-001937	RFS1000,RFS1001	CONNECTOR-COAXIAL
3709-001932	SIM5002	CONNECTOR-CARD EDGE
3709-001933	SIM5003	CONNECTOR-CARD EDGE
3709-001934	SIM5000,SIM5001	CONNECTOR-CARD EDGE
3711-007295	HDC7000,HDC7003	CONNECTOR-HEADER
3711-008511	HDC7002	CONNECTOR-HEADER
3711-008593	HDC6000	CONNECTOR-HEADER
3711-008847	BTC5000,HEA5000	CONNECTOR-HEADER
3712-001604	ANT1003,ANT3001	CONNECTOR
3712-001604	ANT3004	CONNECTOR
3712-001626	ANT5000,ANT5001	CONNECTOR
3712-001666	ANT1000,ANT1001	CONNECTOR
3712-001666	ANT1002,ANT2000	CONNECTOR
3712-001666	ANT2001,ANT2002	CONNECTOR
3712-001666	ANT3000,ANT6000	CONNECTOR
3712-001666	ANT6001,U7131	CONNECTOR
4709-002351	F3001	RF-MODULE
4709-002412	F1006,F1007	RF-MODULE
GH62-00042A	SMR7000	JSM-TSL-2-2-1.5BK
GH63-16791A	SC3000	SC-G580F-WIFI
GH63-17139A	SC7001	SC-A105F-AP
GH63-17140A	SC7000	SC-A105F-PMIC
GH98-44421A	SC7002	SC-A105FN-RF
1107-002552	UME5000	IC-FLASH MEMORY
1105-002944	UCP400UP	IC-DDR4 SDRAM
GH02-18199A	SC7001SP	TAPE-AP
GH02-18200A	SC7000SP	TAPE-PMIC

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