

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

Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

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

Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

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

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

Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

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

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.