



Part List Electrical/, Electrical

Applicable for G900

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1 Part list Main Board

Contains only components that are possible to replace on the main board.

Pos. number refers to the components position number on the board.

Some components are noted as MSL X. These components are moisture-sensitive and are rated at various levels (MSL):

- Level 1:** Unlimited floor life; does not require dry pack or re-baking.
- Level 2:** 1 year floor life; ≤ 30 C; 60%rh; shipped in dry pack; must be re-baked after being opened if floor life is exceeded.
- Level 2A:** 4 week floor life; ≤ 30 C; 60%rh; shipped in dry pack; must be re-baked after being opened if floor life is exceeded.
- Level 3:** 168 hours floor life; ≤ 30 C; 60%rh; shipped in dry pack; must be re-baked after being opened if floor life is exceeded.
- Level 4:** 72 hours floor life; ≤ 30 C; 60%rh; shipped in dry pack; must be re-baked after being opened if floor life is exceeded.
- Level 5:** 48 hours floor life; ≤ 30 C; 60%rh; shipped in dry pack; must be re-baked after being opened if floor life is exceeded.
- Level 5A:** 24 hours floor life; ≤ 30 C; 60%rh; shipped in dry pack; must be re-baked after being opened if floor life is exceeded.
- Level 6:** 6 hours floor life; ≤ 30 C; 60%rh; shipped in dry pack; must be re-baked after being opened if floor life is exceeded.

Component placing will be found in document 1210-5407.

NOTE! RF Calibration by using SERP can only be done by authorized repair centers.
Fence modification according to Working Instruction Electrical.

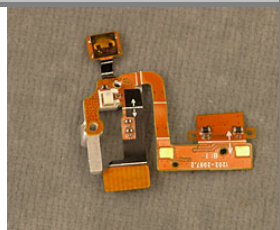



P=Primary side, S=Secondary side.

Side	Pos.	Description	Part Number	Comments
P S	B2000, B2500	Crystal 32768HZ +- 20PPM 12.5pF	RTM501911/1	Require calibration (SERP) MSL 1
S	B2510	Crystal 26.0 MHz 3225	1200-0097	Require calibration (SERP) MSL 1
S	B3000	Osc TCXO 26.0 MHz	1201-8933	Require calibration (SERP)
S	D1100	Marlin/GSM RF-module	ROA1281640/Z	Require calibration (SERP) MSL 5A
S	D2005	ASIC Wanda 10x10	ROP1013044/4	
S	D2500	ASIC BB Suzi R3B	ROP1013114/1	MSL4
P	D2665	ASIC ELIN (KNATTE 3)	ROP1013100/1	MSL 1
S	D2670	IC IF ISP1508 ES3	1200-1694	
P	D5001	MICROPHONE	1206-0380	
S	N1400	Ray/UMTS-module	ROA1281112/Z	Require calibration (SERP)
S	N2000	Asic Vincenne2 (Pb-free)	ROP1013066/5	Baseband AND SERP calibration MSL 3
S	N2662	ESD protection for USB	RKZ923929/1	
S	N2664	IC ESD Prot UDFN	1200-6309	
S	N3001	Module Bluetooth + FM STLC2592	1200-6182	MSL 3
S S	N4021 N4040	Step-down DC/DC converter	RYT113916/1	
P	N4030	2.8V 150mA LINE REGULATOR LeadFree MicroSMD	RYT113904/10	
P	N4050	LDO 120mA Linear regulator	RYT113929/1	
S	N4070	LED Driver	1203-7815	
S	N4071	Single gate	RYT326916/1	
S	N5010	ASIC TJATTE 3	ROP1013074/1	MSL 1
S	N5500	Stereo Headphone Amplifier	RYT1017846/1	MSL 1
P	N5505	Audio Amplifier	RYT1017841/2	
S	N6001	Mod Radio WLAN R041D	1200-6173	
S	V2181	LED Red + Green Everlight	1203-6557	
S	V4001	diode, 40V, 80mA, SSM series	RKZ123907/1	
S	V4002 V4005	Trans P-ch FET	RYN122684/2	
S	V4004	Diode, Shottky	RKZ123911/1	
S	V5000	Diode Protection 3.3 V SOT723	RKZ223914/1	
S	X1001 X6000	Conn 6p	RPT79947	
S S S S	X1010, X1011, X6001 X6002	Conn Leaf Spring	SND90161	
S	X2741	Connector 22 pin BtB	RNV799045/22	

Side	Pos.	Description	Part Number	Comments
S	X2742	Conn FPC Receptacle 6p FH33-6S-0.5SH	1204-9167	
S	X2744	Conn BtB Receptacle 30p	1200-1733	
S	X2745	Conn BtB	1200-2529	
P	X2820	Display Connector	RNV79994	
P	X2821	Conn BtB Receptacle 36p	1201-9222	
P	X2825	Conn 5p Touch Window	1208-4742	
S	X4000	Battery connector	1200-5053	

2 Mechanical parts that needs calibration

Part	Part Location on Phone	Working Instruction Description	Webshop Description	Part Number	Comments
		Flash flex Assy	PBA Flash LED flex Assembly	1202-2097	

3 Revision History

1210-5437 Rev6

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Rev.	Date	Changes / Comments
1	2008-05-21	Initial release
2	2008-06-10	Part number update
3	2008-06-24	SERP Components Added
4	2008-10-30	Y2500 Added
5	2008-11-27	Flash flex Assy moved from Part List Mechanical
6	2009-01-07	Y2500 removed