



Part List Additional Soldering Process/, Electrical

Applicable for W910i and W908c

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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 can be found in document 1078/FEA 209 544/129.

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

Side	Pos.	Description	Part Number	Comments
A	B4410	HALL SWITCH (MR sensor)	RYN 901 920/1	
B	C3137	Capacitor Ceramic 220,0 nF +/- 10% 6,3 V K0402	RJC 516 3026/22	
B	C4203	Capacitor Ceramic 1, uF $\pm 15\%$ 25	1200-3146	
B	C4200	Capacitor Ceramic 2.2 uF $\pm 15\%$ 6.3 V GRM1	1200-3142	
A	L2401-L2404	EMI Filter 1.8kohm 0402 0.2A 2.2ohm Bead	REG 706 18/20	
A	N2202	3-MODE 300mA LDO REGULATOR	1200-0373	
B	N2203	2ch-LDO, Vout1=2.8V, Vout2=1.8V, WL-CSP6	RYT 113 997/4	
A	N2400	1-BIT LEVEL TRANSLATOR	RYT 109 914/1	
B	N2424	ESD/EMI protection for USB	RKZ 923 926/1	
B	N3100	1W OPAMP	RYT 101 947/2	
B	N4201	N-Channel MOSFET	RYN 901 936/1	



Side	Pos.	Description	Part Number	Comments
B	N4410	ASIC 3-axis accelerometer	1200-1223	
A	S2400, S2402- S2404	Switch side push	RMD 101 16/9	
A	V2405	MOSFET Complementary N+P 20-V (D-S)	RYN 901 918/2	
A	V2420, V2422	Zener Diode voltage regulator 15V 5%	RKZ 223 905/2	
B	V4208	LED Red	RKZ 433 906/1	
A	X1000, X1001	Contact Terminal	SXA 109 5651	
A	X1002	Connector Leaf Spring	1201-0291	
B	X1200	Mechanical antenna switch	RPT 799 47	
B	X1201	COAX CONNECTOR (large)	RPT 799 38	
B	X1202	On-board Clamp	1200-2418	
B	X1400, X1401	Contact, Terminal	SXA 109 5651	Same as X1000 and X1001
B	X2200	Battery Connector	1200-2360	
B	X2400	System Connector	SXA 109 7055/12	
B	X2403	SIM Card Reader	1200-2069	
A	X2405	M2 SMK Memory Card Reader	RNK 871 47/3	
B	X3100	Connector BtB	1200-2293	
A	X4200	Connector BtB	1200-2263	
B	X4300	Camera Socket	1200-2182	
B	Z2400	Filter 100, MHz K1210	1201-6833	
A	N1002	Module GSM MCM 6x8	RYT101988/1	Calibration required (SERP) Use only BGA for replacement

2 Revision History

Rev.	Date	Changes / Comments
1	2008-01-15	Initial release
2	2008-07-21	No changes made
3	2009-01-07	Added Z2400 1201-6833
4	2009-04-08	Added C4203 1200-3146
5	2009-10-15	Added C4200 1200-3142
6	2009-12-03	Added N1002 RYT101988/1