

# Part List, Electrical

Applicable for W350

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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;  $\leq 30$  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;  $\leq 30$  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;  $\leq 30$  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;  $\leq 30$  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;  $\leq 30$  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;  $\leq 30$  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;  $\leq 30$  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 1211-4056.

**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	B2201	Microphone	1206-0380	
P	B5506	Quartz Crystal	RTM501908/2	SERP Calibration Required
P	C2210	Capacitor Ceramic 470,0 nF +/-10% 6,3 V	RJC5163026/47	
S	L2601	Filter 0.0 Hz 0402	REG70618/20	
S	L2602	Filter 0.0 Hz 0402	REG70618/20	
S	L2603	Filter 0.0 Hz 0402	REG70618/20	
S	L2604	Filter 0.0 Hz 0402	REG70618/20	
S	L2605	Inductor 1kohm	REG70605/20	
S	N0320	Flip Sensor	1209-6782	
P	N1201	IC LED Driver	1200-7033	
P	N2201	IC Audio PA	1200-9978	
P	N2203	ASIC Tjatte3 CSP20	ROP1013074/1	
S	N2503	IC Vreg	1200-1644	
P	N2601	DUAL Analog Switch DUAL SPDT, 2.0 HighSp	RYN901905/3	
P	N2602	DUAL Analog Switch DUAL SPDT, 2.0 HighSp	RYN901905/3	
S	N2603	IC ESD Prot UDFN 6 2x2mm	1200-6309	
S	N5301	Quad Band Antenna Switch(GSM850/900/1800)	RYT901960/1	SERP Calibration Required
S	N5700	Mod PA EDGE	1200-8708	SERP Calibration Required
P	N7520	ASIC Power Management	1201-9133	
S	V0302	ESD Diode	RKZ223906/1	
S	V0611	Diode Protection 15, V SOD882	1201-0746	
S	V0636	Transistor	RYN122902/1	
S	V0637	Diode Schottky	1203-7705	
P	V1220	MOSFET & Schottky Diode	1201-3866	
S	V2611	DIODE/ESD Protector 5.6V	RKZ 223 903/2	
S	V2613	ESD Protection	1202-6532	
S	W5301	RF Connector	1204-6720	
S	X0616	Conn Pogopin Plug 5p	1201-5769	
P	X1101	Conn BtB 24 pin	1201-5197	
S	X1102	Conn BtB 24 pin	1201-5197	
P	X1201	Conn BtB 24 pin	1201-5197	
P	X1202	Conn BtB 40 pin	1200-1735	



Side	Pos.	Description	Part Number	Comments
S	X2203	Antenna connector	SND90161	
S	X2204	Antenna connector	SND90161	
S	X2501	Coax Connector	RPT79938	
S	X2600	12p System connector	SXA1097055/12	
S	X5300	Antenna connector	SND90161	
S	X5301	Antenna connector	SND90161	
S	E1003	Shield Can lid BT	1203-4827	
P	E1000	Shield Can lid bb	1203-4761	
S	E1001	Shield Can lid RF2	1206-1531	
P	R1523	Resistor	REP621002/47	Mounted if missing

## 2 Revision History

Rev.	Date	Changes / Comments
1	2008-05-06	First release
2	2008-05-20	Component N2603 added
3	2009-02-16	Resistor R1523 added
4	2009-03-02	N5301, N5700 and B5506 added information in comments
5	2009-08-06	N5301, N5700 and B5506 <b>SERP Calibration Required</b> added in comments