



# Part List

Applicable for Z310

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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 1078/FEA 209 544/125.

**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
	B2032	MICROCIRCUIT	RYT1017827/1	
	B5506	QUART CRYSTAL UNIT	RTM501908/2	Caribration required (SERP)
	C0699	CAPACITOR	RJE3791335/7	
	D2599	MICROCIRCUIT	RYT123923/2	
	H2701	DIODE BRIDGE	RKZ923927/1	
	L2248	EMI FILTER	REG70618/2	
	L2601-L2605	EMI FILTER	REG70618/19	
	N1401	MICROCIRCUIT	RYT1137827/2	
	N2203	PROD. ADAPT. CIRCUIT	ROP1013074/1	
	N2249	MICROCIRCUIT	RYT101947/2	
	N2326/N2503	MICROCIRCUIT	RYT1137824/1	
	N2602	DIODE BRIDGE	RKZ923908/3	
	N7520	PROD. ADAPT. CIRCUIT	ROP1013101/1	
	S2011/S2012	SWITCH	RMD10116/9	
	V0302/V2001/V2002	DIODE	RKZ223906/1	



Side	Pos.	Description	Part Number	Comments
	V1401/V1402	LIGHT EMITTING DIODE	RKZ433976/1	
	v1403-V1410	LIGHT EMITTING DIODE	RKZ433952/1	
	V1414	LIGHT EMITTING DIODE	RKZ433924/1	
	W5301	CONNECTOR	RPT79958	
	X0616	FLAT PIN	SND10620	
	X1201	CONNECTOR	RPV899046/60	
	X2201	COMPONENT HOLDER	RNK79901	
	X2500	SIM READER	RNK87153	
	X5300	RF CONNECTOR	RPT79957	
	N5000	PROD. ADAPT. CIRCUIT	ROP1013102/1	SERP
	N5700	MICROCIRCUIT	RYT1017819/1	SERP
	N7200	OSCILLATOR	RTL204911/1	SERP
	N5301	MICROCIRCUIT	RYT901960/1	SERP
	L5707	CHOKE	REG706022/6	SERP
	N2601	Dual Analog switch	RYN901905/3	
	V2008	Diode/SW1*2	RKZ123904/1	
	V0301/V0609/ V2611	ESD protector 5,6V	RKZ223903/2	
	C2235	Capacitor	RJC5163026/47	
	R1523	Resistor	REP621002/47	

## 2 Revision History

Rev.	Date	Changes / Comments
1	2007-02-14	First release
2	2007-02-20	Component, with position X2500, updated with a new name. New name: SIM READER.
3	2007-09-05	Resistor R1523 added
4	2008-04-09	Updated description for X5300 to "RF Connector"
5	2008-07-21	SERP for RTM 501 908/2
6	2009-03-03	Calibration for B5506