



Part List, Electrical

Applicable for Z250 and Z320

Contents

1	Part list Main Board.....	2
2	Revision History.....	5

1 Part list Main Board

The part list 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 1078/FEA 209 544/128.

NOTE! Fence modification according to Working Instruction Electrical.

P=Primary side, S=Secondary side.

Side	Pos.	Description	Part Number	Comments
P	B1200	Microphone	RLC509427/3	
S	-	Microphone Sponge	MEANA33003A	A new sponge must be used when the microphone is repaired
P	C4117	Polymer CAP 33uF	STX33F1B5B0	
P	C4118	Capacitor 22uF	RJC5164048/22	
P	C2405	Lithium Backup Battery	RJE3791335/7	
P	C2509	Capacitor 470nF	SC247G065A2	
P	C4117	Polymer Capacitor 33uF	STX33F1B5B0	
P	ESD2	ESD Varistor 3pF 18V	SG0180M0110	



Side	Pos.	Description	Part Number	Comments
P	H2700	IrDA Module	1200-9352	
P	L1015	ESD Varistor 40pF 5.5V	SG055400110	
P	L2501/ L2502	Inductor BEAD	SI4102204D1	
P	L2504, L2505	Resistor 0 Ohm	SR000000452	
P	L4301	Inductor 10uH	SI210FX06B3	
P	LMU	IC LED Driver	1200-7033	
P	N1201	ASIC Tjatte 3 CSP 20	ROP1013074/1	
P	R2518	Fuse Thin-Film 1.5A 32V	S0F04670030	
P	S2624/ S2625	Switch Key	RMD10116/9	
P	V2402	LED Red	RKZ433924/1	
P	V2408	Schottky Barrier Diode	RKZ123905/1	
P	V2501	Trans P-ch FET	RYN9990003/1	
P	V2502/ V2504/ V2505	Zener diode	RKZ223911/1	
P	V2506/ V2601/ V2602/ V2603/ V2701/ V2702	ESD Dual Low Capacitance Transil TM Arry	SG16V1P30A0	
P	V4301	MOSFET & Schottky Diode	1201-3866	
S	V4303/ V4304/ V4306/ V4307/ V4308/ V4310	LED White	1200-9582	
P	X2400	Battery Connector	1202-3650	
P	X2700	SIM Connector Socket	RNK87153	
P	X4101	Internal Antenna Connector	SND10625	
P	X4201	ZIF Connector, 60 pin	RNV799023/60	



Side	Pos.	Description	Part Number	Comments
P	Z4201/ Z4202/ Z4203	ESD EMI filter (4 channels)	SG2C220T000	
P	-	Shielding Cover BB	MEANA61017B	<p>A new cover must be used when components inside the shielding frame are replaced.</p> <p>See Working Instruction, electrical.</p>

2 Revision History

Rev.	Date	Changes / Comments
1	2007-05-29	1 st version
2	2007-10-17	Z250 added Added C2509, L2502, L2504, L2505, LMU, N1201, V2505, X4101 and X4105 Updated part number for Z4201/Z4202/Z4203
3	2007-11-16	Updated part number for V2408
4	2008-01-25	Updated part number for Battery Connector Updated descriptions for several parts Added part: C4117, C4118, S2624, S2625
5	2008-01-29	Updated part number for C4118