



# Part List, Electrical

Applicable for Z550i, Z550c, Z550a, Z558i & Z558c

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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/xx**.

**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
	B3202	Microphone	RLC509429	
	N2310	1W OPAMP	RYT101947/2	Only replace if not covered by under-fill spillage
	X1202/ X1203/ X1530/ X1531	Internal Antenna Contact	SND10419	
	N2670	3.3V 150mA LINE REGULATOR LeadFree Micro	RYT113904/11	



Side	Pos.	Description	Part Number	Comments
	H4101 / H4102/ H4103/ H4104 /H4105 /H4106 /H4107/ H4110	LED. Top Firing. Blue. 1.6X0.8X.04. Wave	RKZ433952/1	
	J2401	SIM card reader	RNK87152	
	N2301	DUAL Analog Switch DUAL SPDT. NoPb	RYN901905/2	
	V2612	Diode V schotty	RKZ123905/2	
	B2440	MR SENSOR, MICROCIRCUIT	RYT101956/1	
	X2600	Battery Connector	SND10620	
	V4132	TRANS V;NPN,SOT23B	RYN121910/1	Only replace if not covered by under-fill spillage.
	V2610	Trans V;P- Channel_MOSFET;CHIPF8_6053R	RYN122684/2	
	N3211	LeadfreeversionofRYT	RYT113923/2	
	L3200 /L3201	FILTER L/	REG70618/2	
	S2923/ S2925	Micro Switch (Side Key/Camera)	RMD10116/4	
	N3300	Single chip elec tuned FM stereo radio	RYT109905/3	
	X2415	MS-Micro Pico holder	RNK87147/2	Z550i, c & a
	X1200	Connector, RF Test	RNK87147/3	Z558i & c
	E0002	CLAMP E;SHIELDCAN_MOLI_FMradio;	RPT79947	
	N3301	2.8V 150mA LINE REGULATOR LeadFree Micro	SXA1096834	
	N2300	ASIC TJATTE 3	RYT 113904/10	
	L2608	22 uH Coil	ROP1013074/1	
	N2302	USB EMI filter Pb-Free ver of /1	REG72489/13	
	V2628	Diode, Shottky	RKZ923908/3	
		Lid FM radio shield assembly	RKZ123911/1	
	E0002	FM radio shield Fence	SXX1097211	
	E0001	Fence, Baseband	SXA 109 6834	
		Lid Baseband Shield	SXA 109 6835	
	N1200	MINI_T-TOP;BYX101217_B	SXA 109 6794	
	N1200	Mini T-top 2, Int. Chrystal	ROK103007/Z	Authorized repair centers only! Z550i, Z550c, Z558i & Z558c only
	N1520	Bluetooth module BGB204	ROA 128 1451/Z	Authorized repair centers only! Z550a only
			ROK 103 008/1	

## 2 Revision History

Rev.	Date	Changes / Comments
A	2006-05-16	Initial revision
B	2006-09-28	Z550a Released
C	2006-10-12	Z558 Released
D	2006-11-14	Parts Update
E	2007-02-26	Mini T-Top part number update
F	2007-08-14	RTM501908/2 & ROP1013066/5 Removed due to Under-fill
G	2007-09-03	RYN121910/1 Updated
H	2007-10-18	Bluetooth Added
9.1	2008-01-10	Mini T-Top 2 part number change from F/16-63491 > ROA 128 1451/Z
10.1	2008-04-01	N2310 & V4132 update