



# Part List, Electrical

Applicable for R306

**Contents**

<b>1</b>	<b>Part list Main Board .....</b>	<b>2</b>
<b>2</b>	<b>Revision History.....</b>	<b>4</b>



# 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	MSL
	-	Shield Can Lid BB	MEJAL23004B		
	-	Shield Can Lid RF	MEJAL23002B		
S	B201	Quartz Crystal	RTM501908/2		1
P	CON601	SIM Connector	MEANA47002A		
P	CON602	Battery Connector	MEJAL46001A		1
P	CON701	12 p System Connector	SXA1097055/12		
S	CON802	Connector BtB Socket 70pin	MEJAL49007A	Only for "version H"	
P		Sponge System Connector	MEJAL33008A	Added	
P	ESD502	Protection Diode Speaker	SG21002A290		1
S	ESD705	Zener Diode	SD52S24F0A0		1
P	ESD707				
P	L201	Inductor 2.2uH	SI122GX19EX	Only for "version H"	1
P	U501	IC CS-9	1200-9978		1
P	U502				
P	U503	IC Audio Power Amplifier	1207-1273		1
P	U909	Charge IC	1203-8687		1
S	U910	IC Charging	1204-3124		2
P	U911	Trans P-ch FET	RYN122910/1		2
P	V201	Diode Schottky 30.0 V VMD2	1201-8891	Only for "version H"	2
S	Z801	IC ESD Protection 22pF 200MHz	SG214S03490		
S	Z802				
S	Z803				

## 2 Revision History

Rev.	Date	Changes / Comments
1	2008-08-15	1 <sup>st</sup> version
2	2008-10-15	Added Sponge System Connector, Changed description for B201, U501/U502, U910, U911 and V201
3	2009-04-06	CON802 added
4	2009-11-12	Mark on only for "version H" ,Others for both Version.