

# Part List, Electrical

Applicable for J110 and J120

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# 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;  $\leq 30$  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 209 544/128.

**NOTE!** Fence modification according to Working Instruction Electrical.

**P=Primary side, S=Secondary side.**

Side	Pos.	Description	Part Number	Comments
P	CON301	SIM Connector	MEKIM47001A	MSL 2
P	-	Rubber SIM	MEKIM36003A	A new rubber must be used when the SIM Connector is repaired
P	CON801	RF Connector	RPT79958	
P	CON802	Battery connector	SND10620	MSL 2
P	ESD606	Varistor	SG012ST50A0	
S	LED601	LED Red	RKZ433942/1	MSL 2



Side	Pos.	Description	Part Number	Comments
S	LED401 LED402 LED403 LED404 LED405 LED406	LED Blue	1200-7831	MSL 2
P	R617 R618	ESD Protection 9X3.3	SG033ST50A0	
P	U603	Schottky Diode	SD2CRS08301	
S	U604	MOSFET	RYN901925/1	
P	U601	MOSFET	SS04151P250	
P	U808	Linear regulator output IC	SA073028300	
P	U811	Buffer amplifier	SA027WZ10A0	
P	U813	LED backlight driver	1200-7827	
P	-	LCD Module	1200-2104	
P	U814	IC FM Radio	RYT109937/1	<b>For J120 only!</b>
P	See comment	Conductive Component Gasket	MEKIM39002A	<b>For J110a only!</b> A new gasket must be used when U808 is replaced. The conductive gasket is located on top of U802 (see Component Placing)
P	See comment	Assy Shielding Cover PCBA	MEKIM61026	A new cover must be used when components inside the shielding frame are replaced. See Working Instruction, electrical.

## 2 Revision History

Rev.	Date	Changes / Comments
A	2007-05-29	1 <sup>st</sup> version
B	2007-09-04	Conductive Component Gasket for J110a added Primary and Secondary side information added.
C	2007-09-20	Updated part number for Rubber SIM