

Part List, Electrical

Applicable for T303

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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; ≤ 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 1212-9378.

NOTE! Fence modification according to Working Instruction Electrical.



Side.	Pos.	Description	Part Number	Comments
P	-	Shield Can Lid BB	A/415-22610-0059	
S	-	Shield Can Lid RF	A/415-22610-0061	
P	D501, D502, D505	Diode Schottky 30.0 V VMD2	1201-8891	
P	D503, D707, D708	TVS Diode 5.0V 45pF	A/308-0000-00055	
P	D504	Varistor 5.5V	A/308-0000-00019	
S	D702	Varistor 18V	A/308-0000-00054	
P	D710	Varistor 14V	A/308-0000-00078	
S	D711	Diode Protection 5.0V	A/308-0000-00125	
S	J401	BtB Connector Hinge FPC	A/314-0000-00233	
P	J402	Keypad connector	A/314-0000-00248	
S	J601	Microphone (SMD)	1001-1167 (RLC509429/4)	Update, order by using 1001-1167
P	J901	RF Connector	RPT79958	
P	RN1, RN2, RN3	Chip Ferrite bead array 47 Ohm	A/303-1000-00293	
S	U402	Illumination pump	A/311-0000-00402	
P	U501	Charge IC	1203-8687	
P	U502	IC Linear Charge Protection	1204-3124	
P	U601	IC Audio Power Amplifier	1204-3109	
S	U801	Bluetooth + FM Module	RYT123936/1	SL5 only
P	VIB1	SMD Vibrator	1209-8565	
P	X201	Crystal 32.768KHZ	A/305-0000-00021	

P=Primary side, S=Secondary side

2 Revision History

Rev	Date	Changes / Comments
1	2008-07-10	First Release
2	2009-04-23	RN1, RN2, RN3 added
3	2009-05-14	Microphone part number updated
4	2009-06-25	Corrected part number for D707 and D708
5	2009-06-29	Due to system problem
6	2009-07-13	Add comments to RYT123936/1 that "SL5 only"
7	2010-05-18	Update Microphone part number, order by using 1001-1167