



Part List, Electrical

Applicable for W760

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1 PCB Components

Contains only components that are possible to replace on the main board.

Pos. number refers to the component's 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.

NOTE! RF Calibration by using SERP can only be done by authorized repair centers.



P = Primary Side, S = Secondary Side

Side	Pos	Description	Part Number	
P		Kapton Tape	1204-2807	
S	B2100	Crystal 32,768 kHz	RTM501911/1	Calibration Required
P	B2400	MR Sensor	RYN901920/1	
S	C1504	Capacitor Ceramic 2.7 pF +/-0,1pF 50.0 V K0402	1210-0202	
S	L1503	Inductor 4.3 nH 2%	REG7041181/43G	
S	L1504	Inductor 4.7 nH 2%	REG7041181/47G	
S	D2105	IC Single bus buffer gate	1200-0425	MSL 1
S	D2404	IC IF ISP1508 ES3 (3.5*3.5*0.8)	1200-1694	
S	E1000	Shield Can Fence /Lid Combo, BB Large	1201-1291	
S	E1001	Shield Can Fence /Lid Combo, BB Square	1201-1292	
P	E1002	Shield Can Closed GPS	1201-1294	
P	N1200	RF-Module Thor Pre-bumped	1203-6579	Calibration Required MSL5
P	N1210	RF-Module Mammoth Pre-bumped	1204-1670	Calibration Required MSL5
S	N1400	Module Bluetooth + FM STLC2592	1200-6182	MSL 3
P	N2400	1-Bit Level translator	RYT109914/1	MSL 1
S	N2401	IC ESD Prot CS-5	RKZ923926/1	MSL 1
P	N2420	IC ESD Prot UDFN 6 2x2 mm	1200-6309	MSL 1
S	N2450	ASIC Accelerometer	1202-1676	
S	N3100	IC FLIP CHIP 9-PIN	1200-4100	MSL 2
S	N3101	ASIC Tjatte3 CSP20	ROP1013074/1	MSL 1
S	N3103	IC CS-9	1200-9978	MSL 1
S	N4201	Trans N-ch FET	RYN901936/1	
P	N4210	IC Vreg	RYT113955/7	
P	N4302	IC Voltage Regulator	RYT113997/4	
S	V2421	Diode	RKZ223905/2	
S	V2425	Diode Protection 0.7 V SOD-882	1201-2253	
S	X1200	Conn Receptacle 0p Hirose RF connector	1204-6720	
P	X1501	Conn Other	RNT79925	
S	X1502	Conn Pogopin 2-pin	1201-4488	
P	X2200	Conn Other	SND10630	
S	X2400	12p System Connector	SXA1097055/12	
S	X2410	Conn SIM Reader	1201-4486	
S	X4100	Conn BtB Plug 16p	1201-1309	
P	X4200	100 Pin BtB Connector (female)	RNV79987	

2 Revision History

Rev.	Date	Changes / Comments
1	2008-May-27	Initial Release
2	2008-May-29	Corrected Document Number
3	2008-Aug-01	Removed “.1” from N1200 and N1210. Modified some descriptions to match eStar.
4	2009-03-06	Added “Calibration Required” to B2100
5	2009-03-19	Added “IC Voltage Regulator”
6	2009-06-12	Added C1504, L1503, L1504 and N4210
7	2009-06-15	Added N2400
8	2009-07-14	Added MSL5 to 1203-6579 and 1204-1670
9	2009-10-09	Added V2421 and V2425