



Part List, Electrical

Applicable for W302 and S302

Contents

1	Part list Main Board.....	2
2	Revision History.....	4

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 1211-4056.

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
P	PC950	Microphone	1208-4741	
S	J1001	SMD Coax connector	S/188650007	
P	Q551,Q553	Transistor Pmos 20V	RYN901926/1	
S	LR700,LR701,LR702	Varistor 0402	S/189812820	
S	C753	Capacitor 33uF	S/189172304	
S	ESD700	EMI/ESD Filter	S/189380302	
S	P500	Btb 24p M	RPV79982/24	
S	ESD503,ESD504	Diode ESD protection 12V	1203-9125	
S	ESD650	Diode ESD protection 6.8V	1202-1901	
P	Y101	Crystal 32.768 kHz	RTM501911/2	
P	MN1004	IC reg 2V8	1202-2127	
P	D150	Diode schot. 30V	1202-9472	
S	L603,L604,L605,L606,L608	Ferrite 0402	S/189725712	L608 is located on P side
S	ESD602	Diode Res. Protection	1203-9138	
S	MA660	IC Charging	1204-3124	
S	P702	Btb 24p F	RNV799041	
S	P701	Btb 50p F	S/189627221	
S	ESD701	EMI/RFI Filter	1203-9142	
P	MN1200	IC Lin	1205-2049	
P	MA920	IC Audio amp.	1202-1873	
S	P520	System connector	SXA1097055/12	
S	P750	Battery connector	S/189753451	
S	MA650	IC Transceiver	1202-9428	
S	BL2	Shieldcan Lid Multimedia	S/252993060	
P	BL1	Shieldcan Lid Radio	S/252993078	
S	ESD600	Varistor 0402	S/189067660	
S	MA860	IC Flash LED	S/189655366	Only Applicable for S302

2 Revision History

Rev.	Date	Changes / Comments
1	2008-09-15	First release
2	2008-11-24	New description on 1205-2049 and 1204-3124
3	2009-03-20	Partnumber on Microphone changed to 1208-4741