



Part List, Electrical

Applicable for K750i / K750c

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1 Part list Main Board

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

P=Primary side, S=Secondary side.

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.

Parts available to order will be found in the Web Shop.

Component placing will be found in document 1078/FEA 209 544/94.

NOTE! RF Calibration by using SERP can only be done by authorized repair centers.
Fence modification according to working instruction HVC/Electrical.

Side	Pos.	Description	Part Number	Comments
P	C2606	Backup capacitor	RJE 379 1335/7	
P	X1100	External antenna switch	RPT 799 42	
S	X2510	Camera connector, BtB 30 pin (female)	RNV 799 39	
S	J2402	Keyboard connector , BtB 20 pin (female)	RNV 799 55	
S	X2500	LCD connector, BtB 20 pin (female)	RNV 799 55	
P	J2401	SIM Reader	RNK 860 118	
P	X2600	Battery connector	SND 106 20	
S	X2950	Memory stick Duo reader	RNK 871 40	
S	H2410	Irda	RKZ 923 915/1	
S	S2420	Joystick switch	SXA 109 2476	
P	S2410, S2411, S2414, S2415	Side key switch	RMD 101 16/4	
S	B2370	Microphone	RLC 509 427	
S	H2500	Red LED	RKZ 433 924/1	
P	E0001	Shield can lid 1	SXA 109 5036	
P	E0002	Shield can lid 2	SXA 109 5037	
P	V2416	DIODE/ESD Protector 5.6V	RKZ 223 903/1	
P	N1100	Mini T-Top	ROK 103 007	MSL 5A, Require calibration (SERP)
P	B2200	QUARTZ CRYSTAL UNIT/Crystal 32768HZ +-20PPM 12.5pF	RTM 501 911/1	Fence modification, Require calibration (SERP)



Side	Pos.	Description	Part Number	Comments
P	N2300	PROD. ADAPT. CIRCUIT/ASIC Tjatte 2 (Pb-free package)	ROP 101 3059/2	MSL 3, Fence modification
P	N2600	PROD. ADAPT. CIRCUIT/ASIC Vincenne2 A07 (Pb-free package)	ROP 101 3066/2	MSL 3, Require calibration (SERP)
S	Z2450	ESD EMI Filter	RKZ 923 909/1	
P	N2802	USB EMI filter Pb-Free	RKZ 923 908/3	
P	D2230	256Mbit NAND	RYT 118 942/4	
P	N4100	FM Stereo radio	RYT 109 905/1	
P	N2310	1W OPAMP	RYT 101 947/2	
P	V2410	Diode	RKZ 123 904/1	
P	N2500	DC/DC Converter	RYT 113 934/2	
P	V2681, V2610	P-CHANNEL MOSFET	RYN 122 684/2	
S	V2411-V2415	Diode	RKZ 123 910/1	
S	C2462	CAPACITOR/33pF 5% 0402 50V NP0	RJC 463 3022/33	
S	N2980	2.8V 150mA LINE REGULATOR	RYT 113 904/10	
P	N2801	DUAL Analog Switch DUAL SPDT	RYN 901 905/1	
P	R3224	Resistor	REP 622 457/1	

2 Revision History

Rev.	Date	Changes / Comments
A	2005-05-13	Initial release.
B	2005-07-15	Added component Z2450 ESD EMI Filter RKZ 923 909/2.
C	2005-08-12	Removed SERP requirement for Tjatte2.
D	2005-10-13	N2802 added.
E	2005-11-16	Updated part number of Z2450 and V2416.
F	2005-12-22	Added S2411, S2414, S2415, D2230, N2802, N4100, N2310, N2410, N2500, V2681, V2610, V2411-V2415, C2462, N2980 and N2801. Changed the position of the Keyboard and LCD connector.
G	2006-01-24	Added resistor R3224.