



# Part List, Electrical

Applicable for K700i/K700c

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# 1 Part list Main Board

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

Pos. number refers to the components position number on the board, please see **Component Placing, Electrical**.

F and B are designations for different soldering techniques. "F" means that you need to make a fence modification and "B" that BGA equipment is required for replacement. The SERP column indicates if the phone needs to be re-calibrated or not after replacement of the component.

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

**NOTE!** RF Calibration by using SERP can only be done by authorized repair locations. Fence modification according to **Working Instruction Electrical**.

Pos.	Description	Part Number	F,B	SERP	Comments
D2500	Red LED On Off	RKZ 433 924/1			
S2420	Joystick Switch	SXA 109 2476			
X2500	FPC Connector 23pu	RNV 799 20	B		
X2510	Board to Board Connector (male)	RNV 799 23	B		
J2406 J2404	FPC Connector 4 pin	RNV 799 31	B		
X1100	External Antenna Connector	RPT 799 24			
X1101	Internal Antenna Connector	RPT 799 41			
J2402	FPC Connector 17pu 085	RNV 799 19	B		
X2600	Battery Connector	SND 106 20	B		
J2401	SIM Holder	RNK 860 118			
S2410	Micro Switch	RMD 101 16/2			
S0101	Shield can fence Radio	SXA 134 1929			
S0105	Shield can fence Baseband	SXA 134 1930			
S0102	Shield can fence PA	SXA 134 1964			
S0104	Shield can fence FM-radio	SXA 109 4537			
S0101 Lid	Shield can lid Radio	SXA 109 4472			
S0105 Lid	Shield can lid Baseband	SXA 109 4473			
S0102 Lid	Shield can lid PA	SXA 109 4500			
S0104 Lid	Shield can lid FM-radio	SXA 109 4542			
N1200	ASIC Ingela Philips	ROP 101 3050/1	F,B	X	
N1202	Front End Module	RYT 901 921/1	B	X	
N1400	ASIC Power Amplifier	RYT 101 930/2	F,B	X	
N2300	ASIC Tjatte 2	ROP 101 3059/1	B		
N2400	ASIC Knatte2	ROP 101 3037/1	B		
N2600	ASIC Vincenne	ROP 101 3057/1	B	X	
N4100	ASIC FM-Radio	RYT 109 905/2	F,B		
V2610	TRANSISTOR	RYN 122 684/1			TRANSISTOR/P-CHANNEL MOSFET.
D1201	ASIC Herta	ROP 101 3065/1	F,B	X	
V4140 V4141	Diode FM-Radio	RKZ 123 903/1			Close to N4100
N2310	Microcircuit/1W OPAMP	RYT 101 947/1			
B1300	Crystal 13Mhz	RTM 501 907/1	F	X	
C1311 C1314	Capacitor/1.0nF	RJC 464 3024/1		X	Close to B1300. Capacitor/1.0nF 10% 0402 50V X/R

<b>Pos.</b>	<b>Description</b>	<b>Part Number</b>	<b>F,B</b>	<b>SERP</b>	<b>Comments</b>
V1300	Tuning Diode	RKZ 323 905/1		X	Close to B1300.
B2200	Quartz Crystal Unit	RTM 501 908/1			Crystal 32768Hz
V2210	Transistor	RYN 121 6069/1			Transistor/NPN. Right side of D2220
Z2450	Diode Bridge/ESD EMI Filter	RKZ 923 909/1			Close to J2402
H2410	IRDA Transceiver	RYT 909 6002/1			
N2500	DCDC Converter	RYT 113 934/1	B		
V2550	Transistor	RYN 121 6086/1			Transistor/NPN SS. Close to J2402
R2550	Resistor/1.8kohm 5% 0402 0.063W	REP 622 454/18			Close to V2550
R2551	Resistor/1.0kohm	REP 622 454/1			Resistor/1.0kohm 5% 0402 0.063W Close to V2550
R2552	Resistor/5.6ohm 5% 0402 0.063W	REP 622 451/56			Close to V2550
C2606	Backup Capacitor 0.07F 3.3V	RJE 379 1335/7			
W1400	Transformer/Balun 897MHz	REG 735 63/12		X	Close to N1200
W1410	Transformer/Balun 1810MHz	REG 735 63/22		X	Close to N1200
N2510	Voltage Regulator/LED Driver	RYT 113 908/4			Close to J2402

## 2 Revision History

<b>Rev.</b>	<b>Date</b>	<b>Changes / Comments</b>
A	2004-05-27	Initial release