



Part List, Electrical

Applicable for K320 and W200

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1 Part list Main Board

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

A-side (Primary side), B-side (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.

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.

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

Component placing will be found in document 1078-2/FEA 209 544/116.

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

Side	Pos.	Description	Part Number	Comments
A	X2	ANTENNA POGO 3-PIN	F/34-50247	
A	X1	EXTRERNAL RF-CONNECTOR	RPT79942	
A	X600	SIM CARD CONNECTOR H2.70	F/34-57540	
B	X800	FLEXIBLE PCB CONNECTOR	F/34-56180	
A	X601	BATTERY CONNECTOR 3PIN	F/34-78443	
B	X900	BTB SMT CONNECTOR 16PIN	F/34-92334	
A	D800	CAMERA MODULE SOCKET 8X8MM	F/35-25020	
		BT SHIELD LID	F/52-28022	
		BB SHIELD LID	F/52-21724	
B	C631	BACKUP BATT. REFLOWABLE 3.3V 0.07F IV01E	F/03-85734	
B, A	V609, V611	Transistor Charger FET	F/04-32270	

Side	Pos.	Description	Part Number	Comments
B	V610	TR NPN 100MA/50V WITH BUILT-IN RESISTOR EMT3	F/04-34502	
A	D802	LED WHITE CHARGE PUMP QFN	F/07-08233	MSL 3
A	V613	LED SIDE VIEW CHIP RED 660nm 0605	F/07-63490	
A	D400	IRDA TRANCEIVER IC RSLP8	F/16-51248	K320 unique
A	N500	AUDIO POWER AMPLIFIER 1.2W FLIP CHIP 9-PIN	F/16-72905	MSL 3
B	S900	JOYSTICK 5-WAY SWITCH	F/36-80090	
A, A, A	S901,S902, S903	SIDE KEY LIGHT TOUCH SWITCH 12 Vdc 50mA	F/36-80319	
	V1007, V1008	CHIP LED SIDE VIEW TYPE 575NM 1.95X1.2	F/07-60811	<u>ON K320 UI-BOARD!</u>
	V1001, V1002,V1003, V1004,V1005, V1006	CHIP LED WIDE ANGLE TYPE 575NM 0603	F/07-88300	<u>ON K320 UI-BOARD!</u>
A	G400	CRYSTAL 32.768KHZ 12.5PF +-30P	F/08-33362	MSL 3, Require calibration (SERP)
B	D501	EMIFIL TJATTE3F2 FLIP CHIP	F/10-42853	MSL 3
B	N1	RF MODULE MINI T- TOP-2	ROA 128 1451/Z	850 version MSL 5A, Require calibration (SERP)
B	N1	RF MODULE MINI T- TOP-2	ROA 128 1451/3Z	900 version MSL 5A, Require calibration (SERP)
A	D500	ANALOG BB CONTROLLER AB 2011 VINCENNE2	ROP1013066/5	
B	X300	MEMORY STICK MICRO CONNECTOR	F/34-51467	W200 unique
A	V1007,V1008	CHIP LED RIGHT ANGLE ORANGE 609NM	F/07-85900	<u>ON W200 UI-BOARD!</u>
A	V1001,V1002 V1003,V1004 V1005,V1006	CHIP LED WIDE ANGLE ORANGE 609NM 0603	F/07-85914	<u>ON W200 UI-BOARD!</u>
A	D400	IR TRANCEIVER 115.2 KB/S #21F/16-51061	F/16-51061	W200 unique
B	D101	FM RADIO RDS WL-CSP 25	F/16-62844	W200 unique
A	Z701	USB EMI filter (Prod. Adapt. Circuit)	RKZ923908/3	
A	V901-V905	Diode	RKZ123910/1	

2 Revision History

Rev.	Date	Changes / Comments
A	2006-10-10	First release
B	2007-03-21	W200 phone added
C	2007-04-18	Spare part USB EMI filter added
D	2007-09-18	Spare part Diode added
E	2007-12-17	MTT2 Splitted
F	2007-12-19	MTT2 Split updated