

# BILL OF MATERIALS

Date: 2011-5-17

## Description:

Object/Part No	Short Title	Part Name and Standard	Qty	Location
12520802-00000	PCB	PCB Mainboard ,I008-MB-V0.2	1	PCB
11450102-000507	CER. CAP	CAP 0402 0.5PF ±0.25pF 50V	2	C28,C33
11450102-001507	CER. CAP	CAP 0402 1.5PF ±0.25pF 50V	1	L3
11450102-003307	CER. CAP	CAP 0402 3.3PF ±0.25pF 50V	1	C151
11450103-006007	CER. CAP	CAP ,0402,6pF,±0.5pF,50V	3	C15,C132,C135
11450106-018007	CER. CAP	CAP,0402,18pF,±5%,50V	6	C52,C70,C71,C119,RV17,RV18
11450106-022007	CER. CAP	CAP ,0402,22pF,±5%,50V	3	C13,C14,C136
11450106-027007	CER. CAP	CAP ,0402,27pF,±5%,50V	8	C37,C39,C65,C67,C142,C76,C81,C56
11450106-033007	CER. CAP	CAP ,0402,33pF,±5%,50V	4	C20,C22,C42,C114
11450106-010107	CER. CAP	CAP ,0402,100pF,±5%,50V	1	C133
11450106-022107	CER. CAP	CAP ,0402,220pF,±5%,50V	1	C134
11450107-010207	CER. CAP	CAP ,0402,1nF,±10%,50V	1	C66
11450107-047207	CER. CAP	CAP ,0402,4.7nF,±10%,50V	3	C31,C36,C64
11450107-068207	CER. CAP	CAP ,0402,6.8nF,±10%,50V	1	C34
11450107-022304	CER. CAP	CAP ,0402,22nF,±10%,16V	1	C88
11450107-033305	CER. CAP	CAP ,0402,33nF,±10%,25V	1	C16
11450107-047303	CER. CAP	CAP ,0402,47nF,±10%,10V	1	C68
11450107-010403	CER. CAP	CAP ,0402,100nF,±10%,10V	10	C40,C79,C8,C19,C53,C62,C63,C231,C233,C102
11450107-022402	CER. CAP	CAP,0402,220nF,±10%,6.3V	1	C30
11450107-010503	CER. CAP	CAP ,0402,1uF,±10%,10V	12	C80,C2,C10,C12,C25,C38,C43,C44,C46,C51,C130,C131
11450107-010504	CER. CAP	CAP,0603,1uF,±10%,16V	2	C85,C89
11450107-022502	CER. CAP	CAP ,0603,2.2uF,±10%,6.3V	2	C6,C50
11450107-047502	CER. CAP	CAP,0603,4.7uF,±10%,6.3V	3	C49,C69,C18
11450107-010602	CER. CAP	CAP 0805 10UF ±15% 6.3V T=0.85	3	C1,C21,C101
112101106-000012	RESISTOR	0402,0 Ω ,±5%,0.063W	10	R15,R25,C58,L8,L10,C137,C138,R7,R92,R60
112101106-006812	RESISTOR	0402,6.8 Ω,±5%,0.063W	2	R12,R212
112101106-010012	RESISTOR	0402,10 Ω ,±5%,0.063W	3	R32,R34,R16
112101106-033012	RESISTOR	0402 33 Ω ±5% 0.063W	1	R22
112101106-056012	RESISTOR	0402 56Ω ±5% 0.063W	1	R26
112101106-012112	RESISTOR	0402 120Ω ±5% 0.063W	2	R49,R23
112101106-022112	RESISTOR	0402 220Ω ±5% 0.063W	1	R31
112101106-010212	RESISTOR	0402,1K Ω,±5%,0.063W	1	R50
112101106-012212	RESISTOR	0402,1.2K Ω,±5%,0.063W	2	R19,R37
112101106-015212	RESISTOR	0402,1.5K Ω,±5%,0.063W	1	R21
112101106-020212	RESISTOR	0402 2KΩ ±5% 0.063W	1	R6

112101106-022212	RESISTOR	0402,2.2K $\Omega$ , $\pm 5\%$ ,0.063W	4	R4,R48,R10,R41
112101106-047212	RESISTOR	0402,4.7K $\Omega$ , $\pm 5\%$ ,0.063W	3	R35,R56,R101
112101106-010312	RESISTOR	0402,10K $\Omega$ , $\pm 5\%$ ,0.063W	7	R1,R5,R13,R33,R46,R57,R28
112101106-022312	RESISTOR	0402 22K $\Omega$ $\pm 5\%$ 0.063W	7	R2,R3,R11,R14,R29,R36,R42
112101106-027312	RESISTOR	0402,27K $\Omega$ , $\pm 5\%$ ,0.063W	1	R102
112101106-047312	RESISTOR	0402,47K $\Omega$ , $\pm 5\%$ ,0.063W	2	R27,R24
112101106-010412	RESISTOR	0402,100K $\Omega$ , $\pm 5\%$ ,0.063W	2	R47,R18
112101106-039412	RESISTOR	0402 390K $\Omega$ $\pm 5\%$ 0.063W	1	R30
	INDUCTOR	0402 4.7nH $\pm 3\%$ SRF=4.5GHz Ir=300mA	1	C24
	INDUCTOR	0402 6.8NH $\pm 3\%$	2	L2,L11
	INDUCTOR	0402,18nH, $\pm 3\%$	2	L1,L9
	INDUCTOR	0402,100nH, $\pm 5\%$	3	L5,L7,L13
	INDUCTOR	0603,600 $\Omega$ , $\pm 25\%$ ,500mA,	3	L4,L15,L18
	INDUCTOR	0402 (1000 ohm) 250mA	2	L14,L16,L23
		BAT60B,SOD323	1	D18
	LED	0603 LED	7	D1,D3,D4,D5,D7,D8,D11
	TRANSISTOR	NPN,Vceo=50V,Ic=150mA	3	T401,T3,T4
	TRANSISTOR	NPN	1	T5
	TRANSISTOR	PNP	1	T1
		Battery Connector	1	J4
		5PIN H2.5 UAF95-05254-1500)	1	J8
		SIM card connector SIMMS-00615-TP31	1	J2
		LDO(3.3V,300mA)	1	U5
		PMB7880	1	IC2
		MCP,PSRAM+NOR FLASH(32Mb),S29GL032N90TFI03	1	U1
		FM RDA5802E	1	U2
		Module	1	U102
		Filter (850/1900)	1	Z101
		MM8430-2610RB3	1	J501
11520210-000003	RESONATOR	32.768KHz	1	X2
	RESONATOR	26MHz (3225,10pF, $\pm 10$ ppm),TSX-3225	1	X1
	VARISTOR	ESD ,0402,30pF,18V, $\pm 30\%$	4	RV2,RV12,RV13,RV16
120000000000-2413	PCBA	I008PCBA, :850/1900Mhz(with RF port )	1	
12320310-000300	Mic rophne	HCM4015-014610, -45dB~-39dB,12+/-1mm, AGW32,	1	
16310210-140521	SCREW	CA 1.4X3.5mm	4	
16401310-000002	Conductive Fabric	&20*6*0.1mm		
16400610-000202	Dust Network	12.5X3mm	1	
11710010-000013	Lcd	LCD FGD177R1814(1.77)	1	
12330310-000301	Receiver	S1DL-0008-2014-37, 8 $\Omega$ $\pm 15\%$ , FO:1000 $\pm 20\%$ Hz, 16 $\pm 1$ mm, AGW32,	1	

12240010-000000	vibrating motor	10B30.3014, 14±2,	1	
16400110-001302		LCD 42.1*31.8*0.5mm, PORON	1	
		LCD 17.6*8*0.5mm, PORON	1	
16110110-000304	Top housing	MP015	1	
16110210-000301	Bottom housing	MP015	1	
16114410-000301	In housing	MP015	1	
11150010-003706	Lithium batteries	NOKIA5M	1	
12110510-010503	Dc adaptor	JAT-A037-2 Input: 100- 240V~,50/60HZ ≤0.15A,	1	
12350010-000002		MIRCO 5P	1	
16201310-000003	DOME	DOME:MP-015,MDF+EMI	1	
11020010-000003	Antenna	I008,EGSM850/1900	1	
		Barley-corn of Antenna	1	
16200810-010504	Conductive	46KEY	1	
18100510-000006	Lens	48.8*48.2*0.8mm,PC	1	