

# LM802B\_P2.0\_V4.0\_BOM\_03242011

## LM802B\_BOM

Item	Reference	Qty	Description	Value	Manufacturer
1		1	pcb	LM802B_V2.0	
1	B0204 B0205 B0206 B0403 B0510 B0513	6	Chip Ferrite Beads 0603,600Ω±25%	HPZ1608D601-R50T	Sunlord
2	B0207 B0208 B0503 B0504 B0505 B0511 B0512 B0704 B0705L0102 L0103 L0106 L0107 L0115 L0117 R0206 R0406 R0705 R0711	19	Chip Resistor, 0402-1/16W-0Ω-J	0±5%	Rohm/Yageo
3	B0333 B0334 B0702 B0703 B0502 B0506 B0707 B0708	8	Chip Ferrite Beads, 0402,1KΩ±25%	HZ1005D102TF	Rohm/Yageo
4	B0401 B0402 B0501 B0509 B0701	5	Chip Resistor, 0603-1/8W-0Ω-J	0±5%	Rohm/Yageo
5	C0102 L0120 L0113	3	Chip Inductor 0402,2.2nH-S	2.2nH±0.3nH	Sunlord
6	C0103	1	Chip Inductor 0402,1.8nH-S	1.8nH±0.3nH	Sunlord
7	C0106 C0108 C0111 C0112 C0125 C0126 C0127 C0128 C0413 C0414 C0702 C0721 C0728	13	Capacitor, Ceramic,0402-50V-COG-220-J	22pF±5%	TDK/Kyocera
8	C0110 C0205 C0206 C0301 C0403 C0405 C0406 C0407 C0408 C0503 C0504 C0507 C0508 C0703 C0707	16	Capacitor, Ceramic,0402-10V-X5R-104-K	100nF±10%	TDK/Kyocera
9	C0115	1	Capacitor, Ceramic,0402-50V-COG-221-J	220pF±5%	TDK/Kyocera
10	C0123 C0124 C0130 C0157	4	Capacitor, Ceramic,0402-50V-COG-1R5-C	1.5pF±0.25pf	TDK/Kyocera
11	C0203 C0204 C0207 C0211 C0401 C0409 C0410 C0411 C0412 C0416 C0420 C0421 C0422 C0423 C0424 C0425 C0427 C0428 C0429 C0430 C0530	24	Capacitor, Ceramic,0402-10V-X5R-105-K	1uF±10%	TDK/Kyocera
12	C0208 C0537 C0538	3	Capacitor, Ceramic,0402-50V-X7R-102-K	1nF±10%	TDK/Kyocera
13	C0210	1	Capacitor, Ceramic,0402-50V-COG-5R6-D	5.6pF±0.5pF	TDK/Kyocera
14	C0402 C0415 C0417 C0418 C0419	5	Capacitor, Ceramic, 0603-6.3V-X5R-475-M	4.7uF±20%	TDK/Kyocera
15	C0431	1	CAP Backup battery	XH414H-IC02E	Kanebo/SII
16	C0505 C0522	2	Capacitor, Ceramic,0402-50V-COG-101-J	100pF±5%	TDK/Kyocera

## LM802B\_P2.0\_V4.0\_BOM\_03242011)

17	C0509 C0511 C0519 C0521 C0523 C0524 C0525 C0527 V0706 V0708	10	Capacitor, Ceramic, 0402-50V-COG-330-J	33pF±5%	TDK/Kyocera
18	C0512 C0513 C0520 C0522	4	Capacitor, Ceramic, 0805-6.3V-X5R-106-M	10uF±20%	TDK/Kyocera
19	C0517 C0518	2	Capacitor, Ceramic, 0402-50V-COG-120-J	12pF±5%	TDK/Kyocera
20	C0701 C0708	2	Capacitor, Ceramic, 0603-6.3V-X5R-225-K	2.2uF±10%	TDK/Kyocera
21	C0729	1	Capacitor, Ceramic, 0402-50V-COG-470-J	47pF±5%	TDK/Kyocera
22	CN0701	1	6PIN SIM Card Connector		JTCONN
23	CN0704	1	Battery Connector H:2.7mm	PAN25-03276-1500	LCN
24	CN0706	1	MICRO USB 5PIN SMT	UAF95-05254-1500-B	LCN
25	CN0709	1	T-Flash Connector Not Support Hot Plug,H1.8	CAH11-08193-SF03	LCN
26	CRYS0401	1	32.768KHz±20ppm	32.768KHz	Micro Device/Seiko
27	D0301 D0302 D0303 D0304 D0305 D0306	6	White LED	AOT-0603W331A-N0-X-3/GT-197-1	AOT/yiguang
28	D0401	1	Diode	MM3Z5V1ST1G/UDZSTE175.1B	ON-SEMI/ROHM
31	F0103	1	1411 RX SAW ,1930~1990MHz	EFCH1960TDA1/FAR-F6KB- 1G9600-B4GB/SAFEA1G96FA0F00	Panasonic/Fujitsu /muRata
32	F0104	1	1411 RX SAW ,869~894MHz	EFCH881MTDA1/FAR-F5KB- 881M50-B4EA/SAFE881MFL0F00	Panasonic/Fujitsu /muRata
33	L0105 L0110	2	Chip Inductor 0402,4.7nH-S	4.7nH±0.3nH	Sunlord
34	L0109	1	Chip Inductor 0402,100nH-J	100nH±5%	Sunlord
35	L0116 L0118	2	Chip Inductor 0402,18nH-J	18nH±5%	Sunlord
36	L0101	1	Chip Inductor, 0402-1.0nH-S	SDCL1005C1N0ST	
37	L0401	1	Chip Ferrite Inductor,2.2uH,L0805/2016	2.2uH±20%	MURATA
38	L0402	1	Chip Ferrite Inductor,4.7uH,L0805/2016	4.7uH±20%	MURATA
39	L0701	1	Chip Ferrite Inductor 2016,2.2uH±10%	MIP20122R2MBE	Sunlord
40	R0101 R0403 R0405 R0501 R0503 R0506 R0507 R0516 R0706 R0714 R0720	11	Chip Resistor,0402-1/16W-1KΩ-J	1K±5%	Rohm/Yageo
41	R0102 R0202	2	Chip Resistor,0402-1/16W-10KΩ-J	10K±5%	Rohm/Yageo
42	R0103	1	Chip Resistor,0402-1/16W-15KΩ-J	15K±5%	Rohm/Yageo

# LM802B\_P2.0\_V4.0\_BOM\_03242011

43	R0201 R0708	2	Chip Resistor,0402-1/16W-5.1KΩ-F	5.1K±1%	Rohm/Yageo
44	R0203	1	Chip Resistor,0402-1/16W-100KΩ-J	100K±5%	Rohm/Yageo
45	R0204	1	Chip Resistor,0402-1/16W-51Ω-J	51±5%	Rohm/Yageo
46	R0301 R0302	2	Chip Resistor,0805-1/4W-270Ω-J	270±5%	Rohm
47	R0404	1	Chip Resistor,0805-1/4W-0.2Ω-F	0.2±1%	Rohm
48	R0502 R0504 R0513	3	Chip Resistor,0402-1/16W-1.5KΩ-J	1.5K±5%	Rohm/Yageo
49	R0508 R0509	2	Chip Resistor, 0402-1/16W-470Ω-J	470±5%	Rohm/Yageo
50	R0514 R0722	2	Chip Resistor,0402-1/16W-47KΩ-J	47K±5%	Rohm/Yageo
51	R0701 R0709	2	Chip Resistor,0402-1/16W-24KΩ-J	24K±5%	Rohm/Yageo
52	R0707 R0718 R0719 R0723	4	Chip Resistor,0603-1/8W-33Ω-J	33±5%	Rohm/Yageo
53	R0710	1	Chip Resistor,0402-1/16W-33KΩ-J	33K±5%	Rohm/Yageo
54	SW0301 SW0302 SW0701 SW0702	4	SWITCH	LS10N2-T/1BT025-21210-001-7F/THC-1100	CITIZEN/Foxconn /THC
55	U0101	1	FAM for QUARD-Band GSM/GPRS	Sky77552	Skyworks
56	U0102	1	RF Switch	AS179-92LF/TC-179/GW1179	skyworks/CCS/QW
57	U0201	1	MT6253/AQFN260/P0.33/B0.27(11.5X11.5)	MT6253AN/MT6253DVN	MTK
58	U0202	1	Crystal:VCXO 26MHz,±10ppm,7.5pF;X'tal 3225	7M26000028/X1E000021043400	TXC/EPSON
59	U0301	1	MCP Numonyx ULPC 113MHz ADMUX BGA56	PF38F3040M0Y3DE/K5N2833ATD-AQ12000, 128Mbit+32Mbit	Numonyx/Sumsung
60	U0401	1	Charger Protection IC	APL3206AQB/ID6309B-FP8R	ANPEC/Idesyn
61	U0702	1	ANALOG SWITCHER	SGM7222YWQ10/TR	Shengbangwei
62	Q0701	1	NPN epitaxial planar silicon 50V-100MA	DTC123JUA	
63	C0506 C0520 V0601 V0602	4	ESD Protection Diode TVS	UM5059/ESD9X5V-2/TR	Union Semiconductor/WILL
<b>BOM Ver: BT</b>					
Item	Reference	Qty	Description	Value	Manufacturer
1	C0601 C0607	2	Capacitor, Ceramic,0402-10V-X5R-105-K	1uF±10%	TDK/Kyocera
2	C0602 C0603 C0605	3	Capacitor, Ceramic,0402-10V-X5R-104-K	100nF±10%	TDK/Kyocera
3	C0606	1	Capacitor, Ceramic,0603-6.3V-X5R-225-K	2.2uF±10%	TDK/Kyocera
4	C0608	1	Capacitor, Ceramic,0402-50V-COG-150-J	15pF±5%	TDK/Kyocera
5	C0609	1	Capacitor, Ceramic,0402-10V-X7R-102-K	1nF±10%	TDK/Kyocera
7	R0602	1	Chip Resistor,0402-1/16W-15KΩ-J	15K±5%	Rohm/Yageo
8	R0603 R0604 R0601	3	Chip Resistor,0402-1/16W-0Ω-J	0±5%	Rohm/Yageo
9	U0601	1	IC, RFIC, BLUETOOTH RADIO PROCESSOR	MT6612N	MTK

LM802B\_P2.0\_V4.0\_BOM\_03242011

10	U0602	1	2.4GHz Multi-Layered Dielectric Balance Filter for Bluetooth	LFB212G45BA1A220/RFBPB201209 0AM1T61	muRata/walsin
<b>BOM Ver: FM</b>					
Item	Reference	Qty	Description	Value	Manufacturer
1	C0604	1	Capacitor, Ceramic,0402-10V-X5R-104-K	100nF±10%	TDK/Kyocera
2	C0611 C0612	2	Capacitor, Ceramic,0402-10V-X5R-105-K	1uF±10%	TDK/Kyocera
3	C0620	1	Capacitor, Ceramic,0402-10V-X5R-102-K	1nF±10%	TDK/Kyocera
4	R0640	1	Chip Resistor,0402-1/16W-0Ω-J	0±5%	Rohm/Yageo
5	R0641 R0642	2	Chip Resistor,0402-1/16W-10KΩ-J	10K±5%	Rohm/Yageo
6	U0604	1	FM Tuner	RDA5802/RDA5802E	