

Bill of Materials for Gen2BaseP4.sch on Wed Apr 05 16:31:41 2006

Qty	Reference	FW PART NUMBER	Part Name	PART-TYPE
1	A2			ANT(2.4G_ANT-F)
3	C8 C31 C36	7067261	0.01UF	CAP-(0603)_0;01UF
7	C1-2 C11 C20 C37 C39 C42	7067311	0.1UF	CAP-(0603)_0;1UF
2	C10 C38	DNP-7067311	0.1UF	CAP-(0603)_0;1UF
3	C29 C32-33	7067541	1.5PF	CAP-(0603)_1.5PF
3	C4 C9 C30	7067221	1000PF	CAP-(0603)_1000PF
2	C6-7	7067071	10PF	CAP-(0603)_10PF
1	C25	7067501	1800PF	CAP-(0603)_1800PF
2	C27-28	7067021	1PF	CAP-(0603)_1PF
3	C16-17 C26	7067101	22PF	CAP-(0603)_22PF
2	C5 C41	7067481	33000PF	CAP-(0603)_33000PF
2	C18 C21	7067131	47PF	CAP-(0603)_47PF
1	C40	707705	10UF/16V	CAP-(ELEC-B)_10UF/16V
1	C3	707709	1UF/16V-A	CAP-(TANT-A)_1UF/16V
1	J1			CON-(THRU-HOLE)_5-PIN_HEADER-100
1	U10	724712		CON-(USB-B)_MINI-B
2	D3 D5	710723	5.6V	DIO-(SOD123)_5.6_ZENER
2	D2 D4	710720	MMBD7000	DIO-(SOT23)_MMBD7000
2	J2-3	710717	7-SEGMENT-VFT	DIS-(SM7SEG)_COTCO-VFT
1	J4			HEADER2
1	U1	712781	FT232BM	IC-(LQFP-32)_FT232BM
1	U4	712775	NRF24E1	IC-(QFN-6X6)_NRF24E1
1	U5	712761	24LC256K	IC-(SOIC-8)_24LC256
1	U2	DNP-812778	25AA320	IC-(SOIC-8)_32KEEPROM25AA320
1	U9	DNP-712780	39C46EEPROM	IC-(SOIC-8)_93C46
1	U6	712751	MCP809	IC-(SOT23)_MCP809-2;7VMICRO
1	U8	712762	PIC18LF452/PT	IC-(TQFP44)_PIC18LF452/PT
1	L1	813759	22NH-LQW	IND-(0603)_22NH-LQW
2	L2 L5	713745	3.9NH-LQW1608	IND-(0603)_3.9NH-LQW1608
2	L3-4	713762	FB-BLM18HG102S N1	IND-(0805)_FB-BLM18HG102SN1
1	D1	DNP-710713	RED LED	LED-(SMT)_HKR105W
1	Y3	709728	6.0MHZ CER-RES	OSC-(RSNTR)_6;0MHZ-CERAMIC
1	Y1	709729	16.000MHZ	OSC-(XTAL)_16MHZ_NORDIC_RF
1	Y2	709713	20.00MHZ	OSC-(XTAL)_20.00MHZ
7	R1-2 R26 R29-32	7017001	0_OHM	RES-(0603)_0
2	R9-10	7017721	27	RES-(0603)_27
2	R16-17	DNP-7017111	220	RES-(0603)_220
1	R15	7017131	470	RES-(0603)_470
2	R20-21	DNP-8017321	100K	RES-(0603)_100K
4	R3 R5 R7-8	7017231	10K	RES-(0603)_10K
2	R19 R23	DNP-7017231	10K	RES-(0603)_10K

1	R6	7017391	report.rep	1.0M	RES-(0603)_1;0M
1	R14	7017171		1.5K	RES-(0603)_1;5K
1	R24	DNP-7017181		2.2K	RES-(0603)_2.2K
1	R18	7017271		22K	RES-(0603)_22K
2	R12 R22	7017291		33K	RES-(0603)_33K
1	R4	7017211		4.7K	RES-(0603)_4.7K
2	R11 R25	DNP		DNP	RES-(0603)_DNP
2	R13 R27	701804		100 ohm	RES-(ARRAY)_100
12	TP1 TP4-14				TEST_POINT
2	Q1 Q3	711701		4401	TRX-(SOT23)_4401-NPN
1	Q2	711702		4403	TRX-(SOT23)_4403-PNP
1	U3	712738		+3.0V LDO	VREG-(SOT23-5)_+3VLDO