





# Bill of Materials

<Parameter Title not found>

Source Data From: BaseNode.PrjPCB  
 Project: BaseNode.PrjPCB  
 Variant: None

Creation Date: 6/29/2012 7:17:04 PM  
 Print Date: 41089 41089.80366

Footprint	Comment	LibRef	Designator	Description	Quantity
0603	0.1uF 25V	Capacitor	C1, C9, C10, C16, C17, C18, C19, C23, C25, C26	Capacitor	10
0805	1uF 100V	Capacitor	C2, C30	Capacitor	2
1206	22uF 6.3V	Capacitor	C3, C4, C7, C8, C15	Capacitor	5
0603	2.2uF 10V	Capacitor	C5, C6, C20, C24, C27, C28, C31	Capacitor	7
0805	33nF 250V	Capacitor	C11, C12, C13, C14	Capacitor	4
0603	20pF	Capacitor	C21, C22	Capacitor	2
Capacitor 12mm DIA	100uF 80V	Capacitor	C29	Capacitor	1
POLAR					
SMA-DIODE	CDBA140-G	CDBA140-G	D1, D4, D5	DIODE SCHOTTKY 40V 1A SMA	3
SOT-89 - PBSS305PX	#NAME?	PBSS305PX, 115	D2, D3	TRANS PNP 80V 4A SOT89	2
SS-6488-NF	SS-6488-NF	SS-6488-NF	J1	CONN 8-8 MOD JACK	1
NR6028	Inductor	Inductor	L1	Inductor	1
Inductor					
HDR2X3	Header 3X2	Header 3X2	P1	Header, 3-Pin, Dual row	1
HDR1X5	Header 5	Header 5	P2, P3	Header, 5-Pin	2
HDR1X2	Header 2	Header 2	P4, P5, P7, P8	Header, 2-Pin	4
HDR1X12	Header 12	Header 12	P6	Header, 12-Pin	1
SOT-23	NFET	BSS123	Q1, Q2	FET N-CH 100V 170MA SOT-23	2
0603	LM4041EIM3X-1.2_1	LM4041EIM3X-1.2_1	R1, R7, R8, R14	Ferrite	4
0603	51	Resistor	R2, R3, R4, R5	Resistor	4
0603	6.49K	Resistor	R6, R12	Resistor	2
0603	2.077	Resistor	R9	Resistor	1
0603	1	Resistor	R10	Resistor	1
0603	200k	Resistor	R11, R13	Resistor	2
0603	1k	Resistor	R15, R16, R22, R23	Resistor	4
0805	100m	Resistor	R18, R19	Resistor	2
0603	1meg	Resistor	R20, R21	Resistor	2
0603	100k	Resistor	R24, R25	Resistor	2
0603	3k	Resistor	R26, R27	Resistor	2
MSOP-8	LM5007MM/NO PB	LM5007MM/NO PB	U1	BUCK ADJ .5A 8MSOP	1
LQFP-64 10x10mm .5mm pitch	MCF51CN128C LH	MCF51CN128C LH	U2	MCU Coldfire w/ Ethernet	1
LQFP-48 7x7mm 0.5mm pitch	KSZ8051MLL	KSZ8051MLL	U3	Ethernet PHY MII	1
SSOP-16	AS5045-ASSU	AS5045-ASSU	U4	IC ENCODER PROG 12-BIT 16-SSOP	1
SOT-23-5	MIC7221YM5 TR	MIC7221YM5 TR	U5, U6	IC COMPARATOR R-R SOT-23-5	2
CSM-3X	ECS-250-20-3X-EN-TR	ECS-250-20-3X-EN-TR	X1	CRYSTAL 25.00000 MHZ 20PF SMD	1

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Approved	Notes