

LAN9311 Reference Design

REVISED: January 3, 2008
Schematic Revision: 0.3

Bill Of Materials

Page 1 of 1

Item	Qty	Reference	Part	PCB Footprint	Manufacturer Part #
1	23	C1,C2,C6,C7,C8,C9,C10, C11,C15,C16,C17,C18,C23, C24,C25,C26,C27,C31,C33, C35,C36,C39,C42	0.1uF 10V	0402	Kemet C0402C104K8PACTU
2	DNP 1	C3	0.1uF 16V	0603	Kemet C0603C104K4RAC
3	2	C4,C5	30pf 50V	0805	Kemet C0805C300K3RAC
4	7	C12,C13,C14,C19,C20,C28, C29	0.01uF 25V	0402	Kemet C0402C103K3RAC
5	7	C21,C22,C30,C32,C34,C37, C38	4.7uF 6.3V	0603	Panasonic ECJ-1VB0J475M
6	2	C40,C41	.022uF	0805	Kemet C0805C223K5RAC
7	DNP 8	C43,C44,C45,C46,C47,C48, C49,C50	15pF 50V	0603	Kemet C0603C150J5GAC
8	2	D1,D2	T1/DUAL/LED	IDI_5680	IDI 5680F5LC;5LC
9	4	FB1,FB2,FB3,FB4	2.0 Amp/0.05 DCR	0603	Murata BLM18PG121SN1D
10	1	JP2	1x2	Head1x2	Adam Tech PH1-2-U-A
11	1	JP3	1x3	Head1x3	Adam Tech PH1-03-U-A
12	5	R1,R2,R4,R17,R18	10.0K	0603	Rohm MCR03EZHF1002
13	1	R5	12.4K	0603	Rohm MCR03EZHF1242
14	2	R6,R7	1.00K	0603	Rohm MCR03EZHF1001
15	DNP 4	R8,R9,R10,R12	10.0K	0603	Rohm MCR03EZHF1002
16	DNP 4	R11,R13,R14,R15	1.00K	0603	Rohm MCR03EZHF1001
17	1	R16	1.00M	0603	Rohm MCR03EZHF1004
18	8	R19,R25,R26,R27,R29,R35, R36,R37	332	0603	Rohm MCR03EZHF3320
19	8	R20,R21,R22,R23,R30,R31, R32,R33	49.9	0805	Rohm MCR10EZHF49R9
20	2	R24,R34	10.0	0805	Rohm MCR10EZHF10R0
21	1	R28	0	1210	Rohm MCR25JZHJB000
22	2	T1,T2	J0011D01B	PULSE_RJ45_J0026	Pulse J0011D01B
23	1	U1	LAN9311	XVTQFP128	SMSC LAN9311-NZW
24	1	U2	93LC46A	SOIC-8	Microchip 93LC46A-SN
25	DNP 1	U3	24LC64	SOIC-8	Microchip 24LC64-I-SN
26	1	Y1	25 MHZ	HC49US	FOX FOXS/250F-20