

LAN9210 REFERENCE DESIGN

REVISED: April 29, 2009
Schematic Revision: 0.7

Bill of Materials

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Item	Qty	Reference	Part	PCB Footprint	Manufacturer Part #
1	1	C1	.022uF	0805	Kemet C0805C223K5RAC
2	2	C2,C3	1000pF 2KV	1808	AVX1808GC102ZA11A
3	2	C4,C5	30pF 50V	0805	Kemet C0805C300K3RAC
4	9	C6,C11,C12,C13,C14,C16, C17,C18,C20	0.1uF 16V	0603	Kemet C0603C104K4RAC
5	3	C7,C15,C19	10uF 6.3V	0805	Panasonic ECJ -2FB0J106M
6	3	C8,C9,C10	0.01uF 50V	0603	Kemet C0603C103K5RAC
7	DNP 4	C21,C22,C23,C24	15pF 50V	0603	Kemet C0603C150J5GAC
8	1	FB1	200mA/0.3DCR	0805	Murata BLM21A601F
9	1	JP1	1x2	HEADER_1X2_100	Adam Tech PH1-2-U-A
10	1	J1	RJ45; LED-Green/Yellow	THRU-HOLE	Amphenol RJHS-5381
11	1	LED1	LED - Amber	LED_0805	Ledtronics SML06Y4C-TR
12	3	R1,R2,R19	332	0603	Rohm MCR03EZHF3320
13	4	R3,R4,R5,R6	49.9	0805	Rohm MCR10EZHF49R9
14	1	R7	10.0	0805	Rohm MCR10EZHF10R0
15	6	R8,R9,R10,R11,R15,R16	49.9	0603	Rohm MCR03EZHF49R9
16	1	R12	0	1210	Rohm MCR25JZHJB000
17	2	R13,R14	75.0	0603	Rohm MCR03EZHF75R0
18	1	R17	0	0805	Rohm MCR10EZHJ000
19	1	R18	1.00M	0603	Rohm MCR03EZHF1004
20	5	R20,R21,R22,R24,R26	1.00K	0603	Rohm MCR03EZHF1001
21	1	R25	12.4K	0603	Rohm MCR03EZHF1242
22	1	T1	H1102	SMT_CUSTOM	Pulse H1102
23	1	U1	LAN9211	QFN56	SMSC LAN9210-ABZJ (Pb-Free, E3)
24	1	U2	93LC46A	SOIC-8	Microchip 93LC46A-SN
25	1	Y1	25.000 MHz	HC49US	Suntsu Freq. SCS20D-25.000MHZ