

**LAN9218 REFERENCE SCHEMATIC
ASSY**

**REVISED: JUNE 20, 2007
Schematic Revision: 1.0**

Bill of Materials

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Item	Qty	Reference	Part	PCB Footprint	Manufacturer Part #
1	1	C1	0.022uF 50V	0805	Kemet C0805C223K5RAC
2	2	C2,C3	1000pf 2KV	1808	AVX - 1808GC102ZA11A
3	2	C4,C5	33pF 50V	0603	Kemet C0603C330J5GACTU
4	2	C6,C19	10uF 6.3V	0805	ECJ - 2FB0J106M
5	3	C7,C8,C20	0.01uF 25V	0402	Kemet C0402C103K3RAC
6	14	C9,C10,C11,C12,C13,C14, C15,C16,C17,C18,C21,C22, C23,C25	0.1uF 10V	0402	Kemet-C0402C104K8PACTU
7	1	C24	10uF 16V	SMD_B	Kemet-T491B106K016AS
8	1	FB1	2.0 Amp/0.05 DCR	0603	Murata - BLM18PG121SN1D
9	1	JP1	1x3	Head1x3	Adam Tech PH1-03-U-A
10	2	JP2,JP3	1x2	Head1x2	Adam Tech PH1-2-U-A
11	1	J1	RJ45	RJ45_NO_LEDS	Amphenol - RJHS-5380
12	2	LED1,LED3	GREEN	LED_1206	Chicago Miniature - 7010X5
13	1	LED2	YELLOW	LED_1206	Chicago Miniature - 7010X7
14	10	R1,R2,R3,R4,R7,R8,R9,R10, R13,R14	49.9	0805	Rohm-MCR10EZHF49R9
15	1	R5	10.0	0805	Rohm-MCR10EZHF10R0
16	1	R6	12.4K	0603	Rohm-MCR03EZHF1242
17	2	R11,R12	75.0	0805	Rohm-MCR10EZHF75R0
18	1	R15	0	1210	ROHM - MCR25JZHJB000
19	1	R16	1M	0805	ROHM - MCR10EZHF1004
20	1	R17	12.0K	0603	Yageo-9C06031A1202FKHFT
21	3	R18,R19,R20	332	0805	ROHM - MCR10EZHF3320
22	3	R21,R26,R29	10.0K	0603	Rohm-MCR03EZHF1002
23	6	R22,R23,R24,R25,R27,R28	1.00K	0603	Rohm-MCR03EZHF1001
24	1	T1	H1102	HALO_TG110_S050P2	PULSE - H1102
25	1	U1	LAN9218	TQFP100	LAN9218
26	1	U2	93LC46A	SOIC-8	Microchip - 93LC46A-SN
27	1	Y1	25 MHZ	HC49US	Oscilent - 151-25.0M-20-15Hs