

**LAN7500 Customer Evaluation Board Dongle
ASSY 6635**

**REVISED: Nov. 03, 2010
PCB Revision: A
Schematic Revision 1.0**

Bill Of Materials

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Item	Qty	Reference	Part	PCB Footprint	Manufacturer Part #
1	20	C1,C5,C8,C9,C10,C11,C12, C17,C18,C19,C20,C21,C22, C23,C24,C25,C26,C27,C28, C29	0.1uF 16V	0402	Panasonic ECJ-0EX1C104K
2	1	C2	0.01uF 25V	0402	Panasonic ECJ-0EB1E103K
3	2	C3,C4	30pF 50V	0402	Murata GRM1555C1H300JZ01D
4	1	C6	4.7uF 16V	0805	Panasonic ECJ-2FB1C475K
5	1	C7	2.2uF 6.3V	0603	Panasonic ECJ-1VB0J225K
6	3	C13,C15,C30	10uF 6.3V	0603	Murata GRM188R60J106ME47D
7	1	C14	22pF 50V	0402	Kemet C0402C220J5GACTU
8	1	C16	4700pF 25V	0402	Kemet C0402C472K3RACTU
9	2	C31,C32	0.47uF 6.3V	0603	Panasonic ECJ-1VB0J474K
10	1	C33	1000pF 2kV	1808	AVX 1808GC102ZAT1A
11	2	FB1,FB3	2.0amp 120 Ohm 100MHz	0603	Murata BLM18PG121SN1D
12	1	FB2	2.0amp 120 Ohm 100MHz	0603	Murata BLM18PG121SN1D
13	3	FB4,FB5,FB6	800ma/0.20DCR	0402	Taiyo Yuden BKP1005HS221-T
14	1	J2	RJ45_LEDS	THRUHOLE	Amphenol RJHSE-5381
15	1	LED1	Green LED	LED_0805	Lite-On LTST-C170GKT
16	2	L1,L2	2.2uH	1008	Murata LQM2HPN2R2MG0L
17	6	TP1,MTG1,TP2,MTG2,MTG3, MTG4	Test Point-1x1	HEAD1X1	AdamTech PH1-01-U-A
18	1	P1	USB Type-A RA Plug	THRUHOLE	Molex 48037-0001
19	1	R1	8.06K	0402	Rohm MCR01MZPF8061
20	8	R2,R3,R4,R8,R9,R10,R11, R12	49.9	0402	Rohm MCR01MZPF49R9
21	3	R5,R6,R14	154	0402	Rohm MCR01MZPF1540
22	3	R7,R17,R21	10.0K	0402	Rohm MCR01MZPF1002
23	6	R13,R16,R19,R22,R23,R29	0	0402	Rohm MCR03EZHZJ000
24	1	R15	12.0K	0402	Rohm MCR01MZPF1202
25	1	R18	0	0805	Rohm MCR10EZHZJ000
26	2	R24,R27	360K	0402	Rohm MCR01MZPF3603
27	DNP 1	R25	0	0402	Rohm MCR03EZHZJ000
28	1	R26	348K	0402	Rohm MCR01MZPF3483
29	1	R28	115K	0402	Rohm MCR01MZPF1153
30	1	R30	10M	0402	Vishay CRCW040210M0JNED
31	4	R33,R34,R35,R36	75.0	0603	Rohm MCR03EZPF75R0
32	1	TP3	Test Point-Gold Post	THRUHOLE	Mill-Max 3132-0-00-15-00-00-08-0
33	1	T1	TG111-S12NYNRL	TG111-S12NYNRL	Halo TG111-S12NYNRL
34	1	U1	LAN7500	QFN56	SMSC LAN7500-ABZJ
35	1	U2	93AA66AT-I/OT	SOT23-6	Microchip 93AA66AT-I/OT
36	1	VR1	TPS62410	SON10_EP	TI TPS62410DRCT
37	1	VR2	LP5900SD-3.3	LLP-6	National LP5900SD-3.3/NOPB
38	1	Y1	25MHz	HC49US	Suntsu Freq. SCS20D-25.000MHZ