

8/8/2011

Item	Qty	Reference	Part Description	Manufacturer / Part #
1	1	C1	Cap., Elec.. 4.7uF 63V 20%	PANASONIC, EEEFK1J4R7R
2	1	C2	Cap., NPO 680pF 50V 10% 0805	AVX, 08055A681KAT2A
3	1	C3	Cap., X5R 0.1uF 100V 20% 1206	AVX, 12061C104MAT2A
4	2	C4,C5	Cap., Tant. 47uF 20V 20% 7343	Kemet, T495D476K020ATE100
5	1	C6	Cap., X5R 10uF 16V 20% 1206	Taiyo Yuden, EMK316BJ106ML
6	1	C8	Cap., X5R 4.7uF 16V 20% 0805	Taiyo Yuden, EMK212BJ475MG
7	1	C9	Cap., X7R 1uF 100V 20% 1210	TDK, C3225X7R2A105M
8	1	C10	Cap., X7R 0.01uF 25V 10% 0805	Kemet, C0805C103K3RACTU
9	2	C11,C16	Cap., X7R 0.01uF 25V 10% 0603	Kemet, C0603C103K3RACTU
10	0	C7,C12 (Opt)	Cap., 0603	
11	1	C13	Cap., X7R 0.033uF 50V 20% 0603	AVX, 06035C333MAT2A 2 rls
12	1	C14	Cap., X7R 2200pF 250V 10% 1812	Murata, GA343QR7GD222KW01L
13	0	C15 (Opt)	Cap., 1206	
14	1	C17	Cap., X7R 0.47uF 16V 10% 0805	AVX, 0805YC474KAT2A
15	1	D1	Diode, Schottky 3A 60V PowerDi5	Diodes Inc., PDS360-13
16	2	D2,D6	Rect Bridge GP 100V/0.8A PbF	Diodes Inc., HD01-T
17	2	D3,D7	Diode, High Speed	Philips Semi., BAS516
18	2	D4,D8	Diode, Zener 8.2V 200MW SOD-323	Diodes Inc., MMSZ5237BS-7-F
19	1	D5	Diode, Schottky 2A 20V SMA	Diodes Inc., B220A-13-F
20	1	D9	Voltage Supressor, 58V	Diodes Inc., SMAJ58A-13-F
21	1	D10	LED, GRN	Panasonic, LN1351CTR
22	3	D11,D12,D13	Diode, SWITCH 75V 200MW SOD323	Diodes Inc., 1N4148WS-7-F
23	8	E1,E2,E3,E4,E5,E6,E7,E8	Turret, Testpoint	Mill Max, 2501-2-00-80-00-00-07-0
24	1	ISO1	Opto Iso., NEC High Ctr. PbF	NEC, PS2911-1-K-A
25	1	ISO2	Opto Iso., 4PIN MFLAT SINGLE TR DC HIGH V COUPLER	NEC, PS2913-1-K-A
26	1	J1	Pulse Jack, PowerJack T12	Pulse Engrng., JK0-0144BNL
27	1	J2	Connector, Wall Adapter	Cui Inc., PJ-002AH
28	0	J3 (Opt)	Headers, Dbl. Row 2mm Ctrs.	CommConn Con Inc., 2202S-06G2
29	1	L1	Inductor, 8.2uH DO1608C	COILCRAFT, DO1608C-822ML
30	1	Q1	XSTR, High Voltage PbF SOT23	ON Semi., MMBTA42LT1G
31	1	Q2	Mosfet, N-Chan., 200V SUPERSOT(6LEADS)	Fairchild Semi., FDC2612
32	1	R1	Res., Chip 13 0.1W 5% 0805	Vishay CRCW080513R0JNEA
33	2	R2,R3	Res., Chip 220K 0.1W 5% 0805	Vishay, CRCW0805220KJNEA
34	1	R4	Res., Chip 150 0.1W 5% 0603	Vishay, CRCW0603150RJNEA
35	1	R5	Res., Chip 10K 0.1W 5% 0603	Vishay, CRCW060310K0JNEA
36	1	R6	Res 0.05 OHM 1/4W 1% 1206 SMD	Vishay, WSL1206R0500FEA
37	1	R7	Res, Chip 45.3 0.06W 1% 0603	Vishay, CRCW060345R3FKEA
38	1	R8	Res., Chip 1K 0.06W 5% 0603	Vishay, CRCW06031K00JNEA

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39	1	R9	Res., Chip 7.5K 0.1W 5% 0603	Vishay, CRCW06037K50JNEA
40	1	R10	Res., Chip 402 0.1W 1% 0603	Vishay, CRCW0603402RFKEA
41	1	R11	Res., Chip 6.8K 0.1W 5% 0603	Vishay, CRCW06036K80JNEA
42	1	R12	Res., Chip 107K 0.1W 1% 0603	Vishay, CRCW0603107KFKEA
43	1	R13	Res., Chip 200K 0.1W 5% 0603	Vishay, CRCW0603200KJNEA
44	1	R14	Res., Chip 61.9K 0.06W 1% 0603	Vishay CRCW060361K9FKEA
45	1	R15	Res., Chip 28.0K 0.1W 1% 0603	Vishay, CRCW060328K0FKEA
46	1	R16	Res., Chip 100K 0.1W 5% 0603	Vishay, CRCW0603100KJNEA
47	1	R17	Res., Chip 2K 0.06W 5% 0603	Vishay CRCW06032K00JNEA
48	0	R18 (OPT)	Res., 1206	
49	1	R19	Res., Chip 300K 0.1W 5% 0603	Vishay, CRCW0603300KJNEA
50	1	R20	Res., Chip 100 0.1W 5% 0603	Vishay, CRCW0603100RJNEA
51	1	T1	Transformer, PoE	Pulse, PA1138NL
52	1	U1	I.C., PoE Switching Reg. DFN(16)(DHC)5MMX3MM	Linear Tech.Corp.LTC4267CDHC#PBF
53	1	U2	I.C., Prog. Reference SO8NB	Linear Tech. Corp., LT1431CS8#PBF
54	4	MH1,MH2,MH3,MH4	STAND-OFF, NYLON 0.25" tall	KEYSTONE, 8831(SNAP ON)
55	1		FAB, 1145B_Rev1	DEMO CIRCUIT 1145B
56	2		STENCILS - TOP & BOTTOM	STENCIL 1145B