

Bill Of Materials for pci446.sch on Tue Jul 20 09:43:23 1999

Qty	Ref-Des	Madge P/N.	PCB Site	Part Type	
	Additional Part Info.	Description			
322	TP1-322		TP40	TP	
	TEST PAD				
78	H1-78		TP26	TP26	
	SMALL TEST PAD DO NOT USE				
1	U1	140-034-01	DIP28/SSOP	BLUEBIRD	
	BLUEBIRD ASIC SSSB167	BLUEBIRD TOKEN RING INTERFACE			
1	U3	140-042-01	FPT240	KN0SS0S3	
	STANDARD CELL ASIC K3				
1	MX1	151-141-01	N/A	/BRACKET	BRKT
	PCI4 MARK 2	CARD RETAINING BRACKET			
1	MX2	151-323-06	N/A	/PCB	MAN-
	SPEC 952-353-06	PCB FROM ARTWORK 952-352-06			
1	U2	20000394	TQFP80	78Q2120CGT	
	78Q2120CGT	10/100BASE-TX ETHERNET TRANSCEIVER			
1	U6	20000416	DIP8/SO	SERIAL/EEPROM	93C46
	SERIAL EEPROM USE BIA SPEC.960-003-07				
2	U7-8	20000442	DIP28/SOJ/300	SRAM32KX8	
	32K X 8 STATIC RAM 3.3V				
3	Q20 Q28-29	21000320	SOT23N	PNP/SOT23A	
	FMMT717	PNP TRANSISTOR			
1	CR4	21000332	SMBJ	CR/SCHOTTKY	
	MBRS130LT3	SCHOTTKY DIODE			
1	LED1	21000433	LED2/SSA210	LEDDUAL	
	??DEVICE??, ??MANUF??,	DUAL LED			
	??COLOUR COMB??				
5	C3 C5 C34 C39 C92	22000319	1210	C/CERSM, 10U,	
	16V, Y5V	MULTI LAYER CERAMIC CHIP CAPACITOR		+80%-20%	
2	R32-33	23000107	0603	R/SM, 22R, 1%	1/16W
	SURFACE MOUNT RESISTOR				
1	R42	23000114	0603	R/SM, 1K3, 1%	1/16W
	SURFACE MOUNT RESISTOR				
2	R13 R19	23000155	0603	R/SM, 390R, 1%	1/16W
	SURFACE MOUNT RESISTOR				
14	R24 R67 R69 R94-97	23000224	0603	R/SM, 100K, 5%	1/16W
	SURFACE MOUNT RESISTOR				
	R100 R103 R110 R113				
	R126 R128 R130				
1	R39	23000270	0603	R/SM, 470K, 5%	1/16W
	SURFACE MOUNT RESISTOR				
12	R23 R25-26 R31	23000356	0603	R/SM, 62R, 1%	1/16W
	SURFACE MOUNT RESISTOR				
	R61-62 R66 R73-75				
	R78-79				
2	R45 R116	23000446	0603	R/SM, 110R, 1%	1/16W
	SURFACE MOUNT RESISTOR				
1	T1	26000391	DIP16/SOWIDE	TR/EML007	PULSE
	EML007	HSTR TRANSFORMER			

1	X2	28000400	OSC/4/S0	OSC/4/SM/E, 32MHZ	
	???PPM, ???SIZE	CLOCK OSCILLATOR MODULE WITH ENABLE			
1	X1	28000439	OSC/4/S0	OSC/4/SM/E, 25MHZ	
	50PPM, 3.3V SMD TRISTATE	CLOCK OSCILLATOR MODULE WITH ENABLE			
1	J3	31000321	HDR3RA/WONLAN	HDR3RA/WONLAN	AMP
	173979-3	3 WAY R/A HEADER 2MM PITCH (WAKE-ON-LAN)			
2	MX3-4	400-041	N/A	/SCREWLOCK	UNC
	4-40 X 8mm CLEAR	FEMALE SCREWLOCK			
1	J1	400-100	DCON9/NOSILK	CON/D9F	
	9-PIN FEMALE D-TYPE CONNECTOR				
1	J2	422-002	RJ45S	CON/RJ45S	
	SHIELDED RJ45-TYPE TELEPHONE SOCKET				
1	MX5	425-132	N/A	/ICSOCKET	32
	PIN DIL	SOCKET FOR #1			
6	R14 R18 R20 R36-37	527-008	0603	R/SM, 100R, 1%	1/16W
	SURFACE MOUNT RESISTOR				
	R80				
2	R43-44	527-009	0603	R/SM, 1K, 1%	1/16W
	SURFACE MOUNT RESISTOR				
13	R17 R22 R56 R59 R63	527-017	0603	R/SM, 3K48, 1%	1/16W
	SURFACE MOUNT RESISTOR				
	R81-82 R86 R91-93				
	R124 R127				
5	R1-2 R60 R111 R118	527-019	0603	R/SM, 576R, 1%	1/16W
	SURFACE MOUNT RESISTOR				
8	R3-6 R11 R21 R30	527-020	0603	R/SM, 0R	1/16W
	SURFACE MOUNT RESISTOR				
	R49				
23	R34-35 R50-55	527-025	0603	R/SM, 165R, 1%	1/16W
	SURFACE MOUNT RESISTOR				
	R57-58 R65 R68 R70				
	R76-77 R83-85				
	R88-90 R119 R125				
2	R29 R41	527-026	0603	R/SM, 681R, 1%	1/16W
	SURFACE MOUNT RESISTOR				
7	R99 R102 R105 R107	527-028	0603	R/SM, 6K19, 1%	1/16W
	SURFACE MOUNT RESISTOR				
	R109 R112 R123				
4	R9-10 R48 R72	527-036	0603	R/SM, 10K, 1%	1/16W
	SURFACE MOUNT RESISTOR				
8	R98 R101 R104	527-038	0603	R/SM, 18K2, 1%	1/16W
	SURFACE MOUNT RESISTOR				
	R114-115 R117				
	R120-121				
4	R87 R106 R122 R129	528-013	0603	R/SM, 2K, 5%	1/16W
	SURFACE MOUNT RESISTOR				
4	R15-16 R27-28	553-027	1206	R/SM, 27R, 5%	1/4W
	SURFACE MOUNT RESISTOR				
2	R46-47	554-048	0805	R/SM, 5R6, 5%	1/10W
	SURFACE MOUNT RESISTOR				
2	C28-29	675-003	TANT/A	C/TNTSM, 1U5, 10%	16V
	TANTALUM CHIP CAPACITOR				
1	C49	675-004	TANT/B	C/TNTSM, 6U8, 20%	16V
	TANTALUM CHIP CAPACITOR				
6	C22 C35 C86 C89	678-109	TANT/B	C/TNTSM, 10U, 20%	16V
	TANTALUM CHIP CAPACITOR				
	C93-94				

1 C88	681-001	0805	C/CERSM, 47N, 10%	
50V, X7R	MULTI LAYER CERAMIC CHIP CAPACITOR			
4 C13 C20 C43 C83	683-008	0603	C/CERSM, 120P, 5%	
50V, COG	MULTI LAYER CERAMIC CHIP CAPACITOR			
54 C1-2 C6 C9-11 C17	683-013	0603	C/CERSM, 100N, 20%	
25V, Y5V	MULTI LAYER CERAMIC CHIP CAPACITOR			
C25-27 C30-33 C38				
C40 C42 C44-46 C48				
C50-52 C54-62				
C64-81 C90-91 C95				
1 C87	683-020	0603	C/CERSM, 4N7, 10%	
50V, X7R	MULTI LAYER CERAMIC CHIP CAPACITOR			
7 C7-8 C12 C14 C19	683-022	0603	C/CERSM, 33P, 5%	
50V, COG	MULTI LAYER CERAMIC CHIP CAPACITOR			
C21 C85				
2 C18 C82	683-025	0603	C/CERSM, 100P, 5%	
50V, COG	MULTI LAYER CERAMIC CHIP CAPACITOR			
6 C4 C36-37 C41 C47	683-026	0603	C/CERSM, 330P, 5%	
50V, COG	MULTI LAYER CERAMIC CHIP CAPACITOR			
C53				
7 Q2 Q8 Q11 Q13-14	780-207	SOT23N	PNP/SOT23A	
BCW29L	PNP TRANSISTOR			
Q19 Q22				
2 Q5 Q10	780-220	SOT23N	PNP/SOT23A	BFT93
PNP TRANSISTOR				
15 Q4 Q6-7 Q9 Q12 Q15	780-221	SOT23N	NPN/SOT23A	
PMBT2222	NPN TRANSISTOR			
Q17-18 Q21 Q23-27				
Q30				
1 U9	783-089	DIP8/SO	LT1372	
LT1372	SWITCHING REGULATOR			
1 U10	783-152	SOT223	LT1117	
LINEAR LT1117-3.3	ADJUSTABLE VOLTAGE REGULATOR			
3 CR1-3	786-001	SOT23N	CR2/SOT23A	BAV99
DUAL DIODE				
4 L1-4	816-111	0805	L/SM, 390N, 10%	TDK
MLF2012DR39KT	SM INDUCTOR			
1 L5	816-113	P0231	L/SMT, 10uH, 10%	PULSE
P0231	SURFACE MOUNT INDUCTOR			
9 FB1-9	817-009	0805	FBEAD	BLM21
FERRITE BEAD				
1 C63	NOT-FITTED	0603	C/CERSM, 100N, 20%	
25V, Y5V	MULTI LAYER CERAMIC CHIP CAPACITOR			
1 C84	NOT-FITTED	0603	C/CERSM, 15P, 5%	
50V, COG	MULTI LAYER CERAMIC CHIP CAPACITOR			
2 C15-16	NOT-FITTED	0603	C/CERSM, 2p2, 5%	
50V, COG	MULTI LAYER CERAMIC CHIP CAPACITOR			
2 C23-24	NOT-FITTED	0603	C/CERSM, TBA	
50V, COG	MULTI LAYER CERAMIC CHIP CAPACITOR			
1 U5	NOT-FITTED	CC32	FLASH5/128KX8	
AT29C512/010	5V 128K X 8 FLASH EEPROM			
1 U4	NOT-FITTED	DIP32/600 #1	FLASH5/512KX8	
AT29C512/010/040	5V 512K X 8 FLASH EEPROM			
1 Q16	NOT-FITTED	SOT23N	NPN/SOT23A	
PMBT2222	NPN TRANSISTOR			
1 Q1	NOT-FITTED	SOT23N	PNP/SOT23A	
FMNT717	PNP TRANSISTOR			

1 Q3	NOT-FITTED	SOT23N	PNP/SOT23A	
BCW29L	PNP TRANSISTOR			
1 R71	NOT-FITTED	0603	R/SM, 0R	1/16W
SURFACE MOUNT RESISTOR				
1 R131	NOT-FITTED	0603	R/SM, 0R	
SURFACE MOUNT RESISTOR				
1 R40	NOT-FITTED	0603	R/SM, 10K, 1%	1/16W
SURFACE MOUNT RESISTOR				
1 R12	NOT-FITTED	0603	R/SM, 2K	
SURFACE MOUNT RESISTOR				
3 R8 R64 R108	NOT-FITTED	0603	R/SM, 3K48, 1%	1/16W
SURFACE MOUNT RESISTOR				
1 R7	NOT-FITTED	0603	R/SM, 6R8, 5%	1/10W
SURFACE MOUNT RESISTOR				
1 R38	NOT-FITTED	0603	R/SM, TBA	1/16W
SURFACE MOUNT RESISTOR				