



- Notes:**
1. USE 101-0315-02 PCB.
 2. All Transmission Lines are 50 Ohms
32mil Width, 10mil Gap, 28mil Core, 4.3 Er, and 2.1mil Cu
 - 3: Contains Parts and Assemblies susceptible to damage by electrostatic discharge (ESD)

UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE IN INCHES AND APPLY TO THE FINISHED PART TOLERANCES ARE: FRACTIONS: DECIMALS XX ± .01 XXX ± .005 DO NOT SCALE DRAWING		CONTRACT NO.		PEREGRINE SEMICONDUCTOR 9380 Carroll Park Drive San Diego, CA 92121	
MATERIAL		DRAWN Jeff Lundy	DATE 10-24-08		
FINISH		ENGINEER M. Englekirk	DATE 10-24-08	SCHEMATIC, PE42650A SP3T 5x5 QFN32 EK	
SIMILAR TO		CHECKED	DATE		
MARKING SYMBOL		APPROVED	DATE	SIZE	CAGE CODE
		ISSUED	DATE	DWG NO.	
				102-0535	
				SCALE:	DATE
				REV 01	
				Sheet 1 of 1	

Peregrine Semiconductor Corporation
 PE42650A SP3T QFN5x5 32 Lead Eval Kit Revised: Friday, October 24, 2008
 Bill Of Materials

Item	Quantity	Reference	Value	Description	Manufacturer	Manufacturer Part Number	Distributor	Distributor Part Number	Data Sheet	Notes
1	2	C2,C3	DNI	AVX SMD Capacitor, Ceramic, 0603	AVX Corporation		Digi-Key			DO NOT INSTALL
2	1	C4	0.01u	AVX SMD Capacitor, Ceramic, 0.01uF, 50V, X7R, +/-10%, 0603	AVX Corporation	06035C103KAT2A	Digi-Key	478-1227-2-ND	http://www.avxcorp.com/docs/Catalogs/cx7r.pdf	
3	3	C5,C6,C7	100pF	AVX SMD Capacitor, Ceramic, 100pF, 50V, COG, ±5%, 0603	AVX Corporation	06035A101JAT2A	Digi-Key	478-1175-2-ND	http://www.avxcorp.com/docs/Catalogs/ccog.pdf	
4	1	C8	DNI	AVX SMD Capacitor, Ceramic, DNI	AVX Corporation	DNI	Digi-Key	DNI		DO NOT INSTALL
5	4	J1,J2,J3,J6	SMA	SMA 500 END LAUNCH JACK RECEPTACLE-ROUND CONTACT	Johnson Components Inc.	142-0701-801	Digi-Key	J502-ND	http://rocky.digikey.com/WebLib/Johnson%20Components/Web%20Data/142-0701-801.%20142-0701-806.pdf	
6	3	J7,J8,J9	SMA-DNI	SMA 500 END LAUNCH JACK RECEPTACLE-ROUND CONTACT	Johnson Components Inc.	142-0701-801	Digi-Key	J502-ND	http://rocky.digikey.com/WebLib/Johnson%20Components/Web%20Data/142-0701-801.%20142-0701-806.pdf	
7	1	J10	HEADER 14	CONN HEADER .100 DUAL STR 72POS	Sullins Electronics Corp.	PZC36DABN	Digi-Key	S2021-36-ND	http://rocky.digikey.com/WebLib/Sullins/Web%20Data/PZC36DABN.pdf	Cut to 14 Pin Header .100
8	3	R1,R2,R3	1M	Xicon SMD Thick Film Chip Resistor, 1M Ohm, 1/16W, ±5%, RoHs, 0603	Xicon	301-1.0M-RC	Mouser Electronics	301-1.0M-RC	http://www.mouser.com/catalog/specsheets/XC-600033.pdf	
9	1	U1	QFN5X5-32LD							
10	1	Z1	Test Point							
11	1	101-0315-02		PE42650 SP3T QFN5x5 32 Lead EK						