



**Notes:**

1. USE 101/0316~01 PCB.
2. All Transmission Lines are 50 Ohms  
32mil Width, 10mil Gaps, 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.		9450 Carroll Park Drive, Suite 100 San Diego, CA 92121	
MATERIAL		DRAWN Jeff Lundy	DATE 01-29-08	<b>PE42850 SP5T QFN5x5 32 Ld Eval Kit</b>	
FINISH		ENGINEER W. Englekirk	DATE		
SIMILAR TO		CHECKED	DATE	SIZE <b>A</b>	CAGE CODE xxxxxx
MARKING SYMBOL		APPROVED	DATE	DWG NO. <b>102-0982</b>	REV <b>01</b>
		ISSUED	DATE	SCALE: <b>NONE</b>	DATE
				Sheet 1 of 1	

**Peregrine Semiconductor Corporation**  
PE42650 SP5T QFN5x5 32 Lead Eval Kit Revised: Tuesday, January 29, 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	<a href="http://www.avxcorp.com/docs/Catalogs/cx7r.pdf">http://www.avxcorp.com/docs/Catalogs/cx7r.pdf</a>	
3	3	C5,C6,C7	100pF	AVX SMD Capacitor, Ceramic, 100pF, 50V, COG, ±5%, 0603	AVX Corporation	06035A101JAT2A	Digi-Key	478-1175-2-ND	<a href="http://www.avxcorp.com/docs/Catalogs/ccog.pdf">http://www.avxcorp.com/docs/Catalogs/ccog.pdf</a>	
4	1	C8	DNI	AVX SMD Capacitor, Ceramic, DNI	AVX Corporation	DNI	Digi-Key	DNI		DO NOT INSTALL
5	6	J1,J2,J3,J4,J5,J6	SMA	SMA 500 END LAUNCH JACK RECEPTACLE-ROUND CONTACT	Johnson Components Inc.	142-0701-801	Digi-Key	J502-ND	<a href="http://rocky.digikey.com/WebLib/Johnson%20Components/Web%20Data/142-0701-801.%20142-0701-806.pdf">http://rocky.digikey.com/WebLib/Johnson%20Components/Web%20Data/142-0701-801.%20142-0701-806.pdf</a>	
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	<a href="http://rocky.digikey.com/WebLib/Johnson%20Components/Web%20Data/142-0701-801.%20142-0701-806.pdf">http://rocky.digikey.com/WebLib/Johnson%20Components/Web%20Data/142-0701-801.%20142-0701-806.pdf</a>	
7	1	J10	HEADER 14	CONN HEADER .100 DUAL STR 72POS	Sullins Electronics Corp.	PZC36DABN	Digi-Key	S2021-36-ND	<a href="http://rocky.digikey.com/WebLib/Sullins/Web%20Data/PZC36DABN.pdf">http://rocky.digikey.com/WebLib/Sullins/Web%20Data/PZC36DABN.pdf</a>	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	<a href="http://www.mouser.com/catalog/specsheets/XC-600033.pdf">http://www.mouser.com/catalog/specsheets/XC-600033.pdf</a>	
9	1	U1	QFN5X5-32LD							
10	1	Z1	Test Point							
11	1	101/0316-02		PE42850 SP5T QFN5x5 32 Lead EK						