



NOTES:

1. USE PRT-61038-01

2. CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN mm/[Inches]
 TOLERANCES ARE:
 X.X = ± 2.5/[0.1]
 X.XX = ± .25/[0.1]
 X.XXX = ± .127/[0.005]
 X.XXXX = ± .0127/[0.0005]



Peregrine
 Semiconductor

9380 Carroll Park Drive
 San Diego, CA, 92121

SCHEMATIC, PE42525 EVK

DO NOT SCALE DRAWING

DRAWN	DATE
R.Marroquin	05/01/17
ENGINEER	DATE
R.Aldio	05/01/17

SIZE	CAGE CODE	DWG NO.	REV
A		DOC-64744	03
SCALE:	DATE	Sheet 1 of 1	
NONE	Friday, May 05, 2017		

Capture CIS Standard Bill Of Materials - Compressed Report
 Report Created on Monday May 08 07:59:16 2017
 Title = SCHEMATIC, PE42525 EVK
 Doc = DOC-64744
 RevCode = 03

Item Number	Quantity	Part Reference	Description	PART_NUMBER	Value	Manufacturer	Manufacturer PN	Notes
1	2	C1 C2	CAP, SMD, CER, DNI, --, --, --, 0402 (1005 Metric)	C0402-DNI	DNI			
2	5	J1-J3 J6 J7	CONN, Coaxial Connectors (RF), SMA, Board Edge, End Launch, SMD, Jack, Female Socket, 2.92mm (K), 50 Ohm, 0.007" PIN	304-0022-00	1092-04A-5	Southwest Microwave	1092-04A-5	50 Ohm
3	2	J4 J5	CONN, Rectangular Connectors - Headers, Male Pins, Header, TH, Male, TSW, 0.100" (2.54mm)	304-0023-00	TSW-102-07-G-S	Samtec Inc.	TSW-102-07-G-S	
4	1	PCB1	PCB, PRT-61038-01	PRT-61038-01	PCB	Peregrine Semiconductor	PRT-61038-01	
5	1	PCB2	MISC, Mechanical Feature - Stiffener, PRT-68562-01, Hardware, --	417-0004-00	PRT-68562-01	Peregrine Semiconductor	PRT-68562-01	
6	1	U1	IC, SMD, Peregrine IC, BGA, BSD, 2.505mmX2.159	201-0118-00	IC_PE42525_BSD19			
7	10	X1-X10	MISC, NUT, 91841A125, HEX, 1-72 THD, 5/32"Wd, 3/64" Ht., 18-8 SS	403-0005-00	91841A125	MCMaster-CARR	91841A125	
8	10	X11-X20	MISC, WASHER, 90107A126, #1, 0.080" ID, 0.156" OD, 0.010"-0.020" Ht., 18-8 SS	402-0001-00	90107A126	MCMaster-CARR	90107A126	