



**NOTES:**

1. USE 101/0151 ~ 03A PCB.
2. CAUTION:  
CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)
3. ALL TRANSMISSION LINES ARE:  
47MIL WIDTH, 30MIL GAPS, 28MIL CORE DIELECTRIC 4.3 Er AND 2.1MIL Cu THICKNESS.

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 <b>Ron Marroquin</b>			
FINISH		ENGINEER		DATE	
SIMILAR TO		CHECKED		DATE	
MARKING SYMBOL		APPROVED		DATE	
		ISSUED		DATE	
		SIZE <b>A</b>		CAGE CODE	
		DWG NO. <b>102/0198</b>		REV <b>05</b>	
		SCALE: <b>NONE</b>		DATE <b>Tuesday, February 07, 2006</b>	
				Sheet 1 of 1	

**Peregrine Semiconductor Corporation**  
**PE4255/PE4257/PE42551 SPDT - 50Ω Revised: Friday, February 03, 2006**  
**Bill Of Materials**

Item	Quantity	Reference	Value	Part Description	Manufacturer	Manufacturer PN	Supplier	Supplier PN	Notes
1	3	C1,C2,C3	DNI	SMD Capacitor 0603			DigiKey		
2	5	J1,J2,J3,J4,J5	50 ohm Connector (Side Mnt)	CONN JACK END LAUNCH PCB .187" G	Johnson Components Inc.	142-0701-801			
3	1	J6	HEADER 7X2	CONN HEADER .100 DUAL STR 72POS	Sullins Electronics Corp.	PZC36DABN	DigiKey	S2021-36-ND	Cut to 14 Pin Header .100
4	2	R1,R2	1M	SMD Resistor 0603			DigiKey		
5	1	U1	PE4255/PE4257/PE42551	50Ω SPDT UltraCMOS® Switch DC – 3.0 GHz	Peregrine Semiconductor Corp.	PE4255/PE4257/PE42551	Peregrine Semiconductor Corp.	PE4255/PE4257/PE42551	
6	1	101/0151~03A		MLP 4x4 20ld SPDT - 50 ohm EK PCB					

102/0198      Revision: 05