


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.		 Peregrine Semiconductor 9450 Carroll Park Drive, Suite 100 San Diego, CA 92121	
MATERIAL		DRAWN Ron Marroquin			
FINISH		ENGINEER		DATE	
SIMILAR TO		CHECKED		DATE	
MARKING SYMBOL		APPROVED		DATE	
		ISSUED		DATE	
		SIZE A		CAGE CODE	
		DWG NO. 102/0198		REV 05	
		SCALE: NONE		DATE Tuesday, February 07, 2006	
				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