


NOTES:

1. USE 101-0162-02 PCB.
2. CAUTION:
CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE
TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)
3. Transmission lines connected to J1, J2, and J3 should have exactly the same electrical length.
4. The path from J2 to J3 including the distance through the part should have the same length as J4 and J5 and be in parallel to J4 and J5

5. T-line Description

H = 28 mils
 T = 2.1 mils
 W = 47 mils
 G = 30 mils
 Er = 4.4



UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE IN INCHES AND APPLY TO THE FINISHED PART TOLERANCES ARE: FRACTIONS DECIMALS * .XX ± .01 .XXX ± .005		CONTRACT NO.		 Peregrine Semiconductor 9450 Carroll Park Drive, Suite 100 San Diego, CA 92121			
		DRAWN	DATE				
DO NOT SCALE DRAWING		ENGINEER	DATE	PE4283 SC70 SPDT Switch EK			
MATERIAL		CHECKED	DATE				
FINISH		APPROVED	DATE	SIZE	CAGE CODE	DWG NO.	REV
SIMILAR TO		ISSUED	DATE	A		102-0322	02
MARKING SYMBOL				SCALE:	DATE	Sheet 1 of 1	
				NONE	Friday, May 05, 2006		

Peregrine Semiconductor Corporation
PE4283 SC70 SPDT Switch EK Revised: Oct 26, 2005
Bill Of Materials

Item	Quantity	Reference	Value	Part Description	Manufacturer	Manufacturer PN	Supplier	Supplier PN	Notes
1	5	J1,J2,J3,J4,J5	50 Ohm	CONN JACK END LAUNCH PCB .187" G	Johnson Components Inc.	142-0701-801	DigiKey	J502-ND	
2	2	J6,J7	HEADER 2	CONN HEADER 2POS .100 VERT TIN	Molex/Waldom Electronics Corp.	22-23-2021	DigiKey	WM4200-ND	
3	2	R1,R2	1K	SMD Thick Film Chip Resistor, 1K, 1/16W, 5%, 0603	Xicon	301-1K	Mouser Electronics	301-1K	
4	1	U1	PE4283/SC70-6						
5	1			PCB	Peregrine	101-0162-02	direct		

102-0322-02