



**NOTES:**

1. USE 101-0337-02 PCB.
2. CAUTION:  
CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE  
TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)
3. ALL TRANSMISSION LINES ARE:  
33MIL WIDTH, 10MIL 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 9380 Carroll Park Drive San Diego, CA 92121			
		DRAWN Jeff Lundy	DATE 7-13-09				
MATERIAL		ENGINEER F. BORQUEZ	DATE 7-13-09	Schematic, MSOP-8L SPDT (50 OHM)			
FINISH		CHECKED	DATE				
SIMILAR TO		APPROVED	DATE	SIZE A	CAGE CODE	DWG NO. 102-0408	REV 02
MARKING SYMBOL		ISSUED	DATE	SCALE:	DATE	Sheet 1 of 1	

Item	Qty	Reference	Value	Description	Peregrine P/N	Manufacturer	Manufacturer Part Number	Distributor	Distributor Part Number	Data Sheet	Notes
1	2	C1-2	100pF	Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0603		Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101ACVTR-ND	<a href="http://www.panasonic.com/industrial/components/pdf/abj0000ce1.pdf">http://www.panasonic.com/industrial/components/pdf/abj0000ce1.pdf</a>	
2	1	J1	HEADER 2 X 5 PIN	HEADER, 2 X 5 PIN, 0.100 CENTERS			CUT TO 10 PINS				CUT TO 10 PINS
3	1	U1	MSOP								
4	1	R1	DNI	Resistor, DNI, 0603		Panasonic - ECG	DNI	Digi-Key	DNI		DNI
5	2	R2-3	0 OHM	RESISTOR, 0 OHM, 0603		Panasonic - ECG	0 OHM	Digi-Key	0 OHM		0 OHM
6	5	J2-6	SMASM	SMA 50Ω 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			PCB, MSOP-8L SPDT (50 OHM)	101-0337-02						