



NOTES:

1. CAUTION:
CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE
TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)
2. INSTALL SHUNT CONNECTOR ON JP2, JP3 AND JP4.

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE IN INCHES AND APPLY TO THE FINISHED PART TOLERANCES ARE: FRACTIONS DECIMALS ± .XX ± .01 XXX ± .005 DONOT SCALE DRAWING</small>		CONTRACT NO.		PEREGRINE SEMICONDUCTOR 9380 Carroll Park Drive San Diego, CA 92121	
		DRAWN S. JOHNSON	DATE 3-07-13		
MATERIAL	CHECKED	DATE	DATE	SCHEMATIC, PE4312 CHARACTERIZATION	
FINISH	APPROVED	DATE	DATE		
SIMILAR TO	MARKING SYMBOL	ISSUED	DATE	SCALE: NONE	DATE
				SIZE: B	CAGE CODE: 5BMR7
				DWG NO.: DOC-13527	REV: 02
				Sheet 1 of 1	

Item	Qty	Reference	Description	Value	Manufacturer	Manufacturer Part Number	Distributor	Distributor Part Number	Notes
1	2	C16 C18	CAP CER 0.1UF 50V Y5V 0805	0.1uF	Murata	GRM219F51H104ZA01D	Digi-Key	490-1723-1-ND	
2	8	C1-6 C13 C17	CAP CER 100PF 50V 5% NP0 0402	100pF	Panasonic - ECG	ECJ-0EC1H101J	Digi-Key	PCC101CQT-ND	
3	2	J7-8	CONN HEADER .100 SINGL STR 36POS		Sullins Connector Solutions	PZC36SAAN	Digi-Key	S1011-36-ND	Cut to 3 Pin Header .100
4	1	J1	CONN HEADER .100 DUAL STR 16POS		Sullins Connector Solutions	PBC08DAAN	Digi-Key	S2011E-08-ND	
5	1	J9	CONN HEADER 4POS .100 VERT TIN		Molex Inc	22232041	Digi-Key	WM4202-ND	
6	1	JP1	JUMPER 2 PIN .100 DNI	DNI					DNI
7	3	JP2-4	JUMPER 2 PIN .100		Sullins Connector Solutions	PZC36SAAN	Digi-Key	S1011-36-ND	Cut to 2 Pin Jumper .100
8	1	U1	IC, PE4312		Peregrine Semiconductor	PE4312			
9	5	R1-2 R4-6	RES 0.0 OHM 1/10W JUMP 0603 SMD	0 Ohm	Panasonic	ERJ-3GEY0R00V	Digi-Key	P0.0GCT-ND	
10	2	R3 R8	RES 10K OHM 1/10W 5% 0402 SMD	10K	Panasonic	ERJ-2GEJ103X	Digi-Key	P10KJTR-ND	
11	2	R7 R9	RES 0603 DNI	DNI					DNI
12	4	J4-5 J10-11	CONN SMA JACK 50 OHM EDGE MNT		Emerson Johnson	142-0701-801	Digi-Key	J502-ND	
13	1	P/S	SWITCH ROCKER SPDT 0.4VA 28V		NKK Switches	GW12LCP-RO	Digi-Key	GW12LCP-RO-ND	
14	7	D1-6 LE	SW SLIDE MINI SP3T TOP ACT 30V		NKK Switches	SS14MDP2	Digi-Key	360-2135-ND	
15	1		PCB, PE4312 CHARACTERIZATION		Peregrine Semiconductor	PRT-10505-02			