Filename: PMP9166_REVB_BOM.xls Generated: 11/7/2013 6:38:21 AM PMP9166 Rev B Bill Of Materials

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
!PCB1	1		Printed Circuit Board		PMP9166	Any
C1	1	47uF	CAP, CERM, 6.3V, +/-10%, X5R, 0805	0805	STD	STD
C2, C3	2	100uF	CAP, CERM, 6.3V, +/-10%, X5R, 1206	1206	STD	STD
C4	1	0.1uF	CAP, CERM, 25V, +/-10%, X7R, 0402	0402	STD	STD
C5	1	0.01uF	CAP, CERM, 25V, +/-10%, X7R, 0402	0402	STD	STD
C6, C8, R4	3	DNP	Do Not Populate	0402	N/A	N/A
C7	1	3300pF	CAP, CERM, 25V, +/-10%, X7R, 0402	0402	STD	STD
L1	1	1uH	Inductor, 1.0uH, 1.9A, 0.03 ohm, SMD	3.2x2.2x2.5mm	PFL3215-102ME	Coilcraft
L2	1	50 ohm	6A Ferrite Bead, 50 ohm @ 100MHz, SMD	1206	HI1206T500R-10	Steward
R1, R2	2	10k	RES, 1%, 0.063W, 0402	0402	STD	STD
R3	1	182k	RES, 1%, 0.063W, 0402	0402	STD	STD
R5	1	2k	RES, 1%, 0.063W, 0402	0402	STD	STD
R6	1	1.78k	RES, 1%, 0.063W, 0402	0402	STD	STD
TP1, TP4	2	Red	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint	5010	Keystone
TP2, TP3	2	Black	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint	5011	Keystone
U1	1		2.95 V to 6 V Input, 2 A Output, 2MHz, Synchronous Step Down Switcher With	RTE0016C	TPS54218RTE	Texas Instruments
			Integrated FETs (SWIFT), RTE0016C			
U2	1		Precision Micropower Shunt Voltage Reference, 3-pin SOT-23, Pb-Free	MF03A	LM4040AIM3-2.5/NOPB	National Semiconductor

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