Filename: PMP8631RevA - BoM.xls Generated: 6/13/2013 9:47:10 AM 4.5 .. 5.5V -> 1.3V @ 0.6A

Quantity	Designator	Value	Description	Package	PartNumber	Manufacturer
2	C2-1, C4-2	10uF	CAP, CERM, 10uF, 6.3V, +/-10%, X7R, 0805	0805	GRM21BR70J106KE76L	MuRata
1	C2-2	4.7uF	CAP, CERM, 4.7uF, 10V, +/-10%, X7R, 0805	0805	GRM21BR71A475KA73L	MuRata
1	C4-1	22uF	CAP, CERM, 22uF, 6.3V, +/-10%, X7R, 1206	1206	GRM31CR70J226KE19L	MuRata
2	D1-1, D1-2	MBRM120	Diode, Schottky, 20V, 1A, POWERMITE	POWERMITE	MBRM120	ON Semiconductor
4	J1-1, J1-2, J2-1, J2-2		Header, TH, 100mil, 2x1, Gold plated	TSW-102-07-G-S	TSW-102-07-G-S	Samtec, Inc.
1	L1-1	10uH	Inductor, Shielded, 4.7uH, 1.0A, 0.14 ohm, SMD	3x1.3x3mm	XFL3012-472ME_	Coilcraft
1	L1-2	2.2uH	Inductor, Shielded, 2.2uH, 1.0A, 0.11 ohm, SMD	3x1x3mm	XFL3010-222ME_	Coilcraft
2	R1-1, R1-2	11.8k	RES, 11.8k ohm, 1%, 0.1W, 0603	0603	CRCW060311K8FKEA	Vishay-Dale
4	R2-1, R2-2, R3-1, R3-2	10.0k	RES, 10.0k ohm, 1%, 0.1W, 0603	0603	CRCW060310K0FKEA	Vishay-Dale
2	R101-1, R101-2	49.9	RES, 49.9 ohm, 1%, 0.1W, 0603	0603	CRCW060349R9FKEA	Vishay-Dale
1	U1-1	LM2830X	Step-Down DC-DC Regulator, 1A, 1.6 MHz, 5-pin SOT-23	MF05A	LM2830X-Q1	Texas Instruments
1	U1-2	LM2830Z	Step-Down DC-DC Regulator, 1A, 3.0 MHz, 5-pin SOT-23	MF05A	LM2830Z-Q1	Texas Instruments

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