

Filename: PMP2289_REVB_bom.xls						
Date: 01/25/2007						
<b>PMP2289_REVB BOM</b>						
COUNT	RefDes	Value	Description	Size	Part Number	Mfr
2	C7, C14	100pF	Capacitor, Ceramic, 50V, C0G, 5%	603	Std	Std
1	C8	82pF	Capacitor, Ceramic, 50V, C0G, 5%	603	Std	Std
1	C11	0.01uF	Capacitor, Ceramic, 25V, X7R, 10%	603	Std	Std
2	C4, C12	0.1uF	Capacitor, Ceramic, 16V, X7R, 10%	603	Std	Std
4	C3, C10, C13, C15	1uF	Capacitor, Ceramic, 16V, X7R, 10%	805	Std	Std
2	C6, C9	10uF	Capacitor, Ceramic, 6.3V, X5R, 20%	805	C2012X5R0J106M	TDK
1	C1	1uF	Capacitor, Ceramic, 50V, X7R, 10%	1206	C3216X7R1H105K	TDK
1	C5	3.3uF	Capacitor, Ceramic, 50V, X7R, 10%	1210	C3225X7R1H335K	TDK
1	C2	22uF	Capacitor, Ceramic, 10V, X5R, 20%	1210	C3225X5R1A226M	TDK
1	D1		Diode, Schottky, 2A, 60V	SMB	MBRS260LT3	On Semi
1	D2	5.6V	Diode, Zener, 5.6V, 225mW	SOT-23	BZX84C5V6LT1	On Semi
2	D3, D4		Diode, Schottky, 0.5A, 20V	SOD-123	MBR0520L	On Semi
3	J1, J2, J4		Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25	ED1514	OST
1	J3		Header, 2-pin, 100mil spacing, (36-pin strip)	0.100x 2	PTC36SAAN	Sullins
1	L1	220uH	Inductor, SMT Dual Winding, 220uH, 1.19A, 384 milliohm	12x12mm	DRQ125-221	Cooper
1	Q1		Bipolar, NPN, 40V, 200mA, 225mW	SOT23	MMBT3904LT1	On Semi
2	Q2, Q3		MOSFET, N-ch, 60-V, 115-mA, 1.2-Ohms	SOT23	2N7002DICT	Vishay-Liteon
1	Q4		MOSFET, N-ch, 60V, 8.5A, 22milliohm	SO8	Si4850EY	Vishay
2	Q5, Q6		Bipolar, PNP, 40V, 200mA, 225mW	SOT23	MMBT3906LT1	On Semi
1	R4	1	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R2	15	Resistor, Chip, 1/16W, 5%	603	Std	Std
1	R5	49.9	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R16	1K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R12	6.04K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R6	7.5K	Resistor, Chip, 1/16W, 1%	603	Std	Std
4	R3, R13, R14, R15	10K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R7	13K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R9	16.2K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R11	33.2K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R10	49.9K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R1	20K	Resistor, Chip, 1/10W, 1%	805	Std	Std
1	R8	0.25	Resistor, Chip, 1/4W, 1%	1206	Std	Std
6	TP1, TP2, TP3, TP6, TP7, TP8		Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100	5000	Keystone
3	TP4, TP5, TP9		Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100	5001	Keystone
1	U1		IC, LDO Regulator, 3.3V, 800mA	SOT-223	TLV1117-33IDCY	TI
1	U2		IC, Programmable Max. Duty Cycle PWM Controller	SO8	UCC2807D-3	TI

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