

Filename: PMP3217_REV_B_bom.xls						
Date: 03/28/2008						
		PMP3217_REV_B BOM				
COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C17	47pF	Capacitor, Ceramic, 50V, C0G, 10%	603	Std	Std
1	C18	120pF	Capacitor, Ceramic, 50V, C0G, 10%	603	Std	Std
1	C16	150pF	Capacitor, Ceramic, 50V, C0G, 10%	603	Std	Std
1	C13	220pF	Capacitor, Ceramic, 50V, C0G, 10%	603	Std	Std
3	C1, C9, C11	470pF	Capacitor, Ceramic, 100V, C0G, 10%	603	Std	Std
1	C19	2700pF	Capacitor, Ceramic, 50V, X7R, 10%	603	Std	Std
1	C20	4700pF	Capacitor, Ceramic, 50V, X7R, 10%	603	Std	Std
2	C10, C14	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	603	Std	Std
1	C15	1uF	Capacitor, Ceramic, 16V, X7R, 10%	603	Std	Std
1	C6	0.1uF	Capacitor, Ceramic, 100V, X7R, 10%	805	Std	Std
1	C21	4.7uF	Capacitor, Ceramic, 16V, X5R, 20%	805	Std	Std
4	C3, C4, C5, C8	10uF	Capacitor, Ceramic, 25V, X5R, 20%	1206	Std	Std
1	C12	4700pF	Capacitor, Ceramic, 2KV, X7R, 10%	1812	Std	Std
2	C2, C7	22uF	Capacitor, POSCAP, 16V, 80milliohm, 20%	6032 C	16TQC22M	Sanyo
1	C22	47uF	Capacitor, OS CON, 20V, 45milliohm, 20%	8x6.9mm (E7)	20SVP47M	Sanyo
2	D1, D2		Diode, Schottky, 2A, 60V	SMB	MBRS260LT3	On Semi
1	D3		Diode, Switching, 100V, 200mA, 400mW,	SOD-123	MMSD4148	On Semi
1	D4		Diode, Dual Ultra Fast, Series, 200-mA, 70-V	SOT23	BAV99	Fairchild
1	D5	13V	Diode, Zener, 500mW, 13V	MMSZ13ET1	SOD123	On Semi
1	D6	3.9V	Diode, Zener, 500mW, 3.9V	MMSZ3V9ET1	SOD123	On Semi
1	J1		Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	J2		Terminal Block, 3-pin, 6-A, 3.5mm	0.41 x 0.25 inch	ED555/3DS	OST
0	L1, L2	DNP	Inductor, SMT, 1.5A, 33milliohms	4.3x5.7mm	PG0085.102NL	Pulse
1	Q1		MOSFET, N-ch, 60V, 8.5A, 22milliohm	SO8	Si4850EY	Vishay
3	R8, R18, R23	0	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R7	10	Resistor, Chip, 1/16W, 5%	603	Std	Std
1	R11	49.9	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R24	100	Resistor, Chip, 1/16W, 5%	603	Std	Std
4	R10, R13, R14, R21	1K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R12	2K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R22	5.23K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R20	7.5K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R19	10K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R16	20K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R17	30.1K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R6	301K	Resistor, Chip, 1/16W, 1%	603	Std	Std
2	R1, R5	0	Resistor, Chip, 1/10W, 5%	805	Std	Std
1	R3	20K	Resistor, Chip, 1/10W, 5%	805	Std	Std
1	R15	0.012	Resistor, Chip, 1/4W, 1%	1206	Std	Std
2	R2, R4	24	Resistor, Chip, 1/4W, 1%	1206	Std	Std
1	R9	100	Resistor, Chip, 1/4W, 1%	1206	Std	Std
1	T1		Transformer, 12W Flyback ,	0.709 X 0.941 inch	G084057LF	GCI
2	TP1, TP2		Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP3		Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U2		IC, Photocoupler, 80-160% CTR	MF4	TCMT1107	Vishay
1	U1		IC, 4.5V-52V I/P, Current Mode Boost Controller	DGQ10	TPS40210DGQ	TI
1	U3		IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431ACDBZ	TI

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