

Filename: PMP5026_REV_A_bom.xls						
Date: 07/10/2009						
	PMP5026_REV_A BOM					
COUNT	RefDes	Value	Description	Size	Part Number	MFR
2	C1, C11	10uF	Capacitor, Ceramic, 25V, X7R, 15%	1210	Std	TDK
1	C10	OPEN	Capacitor, Ceramic, 25V, X7R, 15%	1210	Std	TDK
1	C100	47pF	Capacitor, Ceramic, 47pF, 50-V, NPO, 15%	0603	Std	TDK
1	C12	120uF	Capacitor, OS CON, 16V, 23-milliohm	0.315 inch	16SVPC120M	Sanyo
1	C2	1000pF	Capacitor, Ceramic, 50V, C0G, 5%	0603	Std	TDK
1	C3	560pF	Capacitor, Ceramic, 50V, NPO, 5%	0603	Std	TDK
1	C4	6800pF	Capacitor, Ceramic, 50-V, X7R, 15%	0603	Std	TDK
1	C5	0.047uF	Capacitor, Ceramic, 50-V, X7R, 15%	0603	Std	TDK
1	C6	1uF	Capacitor, Ceramic, 25V, X7R, 15%	0805	Std	TDK
1	C7	100pF	Capacitor, Ceramic, 50V, C0G, 5%	0603	Std	TDK
1	C9	820pF	Capacitor, Ceramic, 50-V, X7R, 15%	0603	Std	TDK
1	D1	MBRS330	Diode, Schottky, 3-A, 30-V	SMA	MBRS330	On Semi
1	D100	MMSD914T1	Diode, Switching, 100-V, 200-mA, 225-mW,	SOD-123	MMSD914T1	On Semi
2	J1, J2	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED1514	OST
1	L1	33uH	Inductor, SMT, 3A, 60-milliohm	0.492 sq"	DR127-330	Coiltronics
1	Q1	FDC658P	Transistor, MOSFET, Pch, -4.7A, -30V, 50 milliohm	SuperSOT-6	FDC654P	Fairchild
1	Q100	MMBT3904	Bipolar, NPN, 40V, 200mA, 0.3W	SOT23	MMBT3904	Diodes Inc.
1	Q101	MMBT3906	Transistor, PNP, 40V, 200mA		MMBT3906LT1	Diodes, Inc.
1	Q102	2N7002	Xstr, FET, 60V, 115mA		2N7002	Diodes Inc.
1	R1	0.02	Resistor, Chip, 1/10W, 1%	0805	Std	Std
1	R100	4.75K	Resistor, Chip, 4.75K Ohms, 1/16W, 1%	0603	Std	Std
1	R101	1K	Resistor, Chip, 1K Ohms, 1/16W, 1%	0603	Std	Std
2	R102, R103	10k	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R104	100k	Resistor, Chip, 1/16W, x%	0603	Std	Std
1	R2	86.6k	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	R3	1.00K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	10	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	R5	23.2K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	10K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	R7	9.53K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std
1	R8	100K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	49.9	Resistor, Chip, 1/16-W, 1%	0603	Std	Std

7	TP1, TP2, TP6, TP7, TP8, TP9, TP11	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP4, TP5, TP10	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	TPS40200D	IC, Low Cost Sync Buck Controller	SO-8	TPS40200D	TI
Notes:	1. These assemblies are ESD sensitive, ESD precautions shall be observed.					
	2. These assemblies must be clean and free from flux and all contaminants.					
	Use of no clean flux is not acceptable.					
	3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.					
	4. Ref designators marked with an asterisk ("**") cannot be substituted.					
	All other components can be substituted with equivalent MFG's components.					

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