Filename: PMP5422_REVC_bom.xls
Date: 05/13/2010

PMP5422_REVC BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	2.2uF	Capacitor, Aluminum, 200V, 20%	0.200 inch	UPW2D2R2MED	Nichicon
1	C10	100pF	Capacitor, Ceramic, 50V, C0G, 10%	0402	STD	STD
2	C11, C12	0.01uF	Capacitor, Ceramic, 25V, X7R, 15%	0402	STD	STD
1	C3	22uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0805	STD	TDK
2	C4, C100	47uF	Capacitor, Ceramic, 6.3V, X5R, 15%	1206	STD	TDK
1	C5	0.022uF	Capacitor, Ceramic, 250V, X7R, 15%	0805	STD	TDK
2	C6, C7	1uF	Capacitor, Ceramic, 16V, X5R, 15%	0402	STD	STD
1	C8	680pF	Capacitor, Ceramic, 50V, C0G, 10%	0402	STD	STD
1	C9	220pF	Capacitor, Ceramic, 50V, C0G, 10%	0402	STD	STD
1	D1	RB751V-40	Diode, Schottky, 40V, 30 mA,	SOD-323	RB751V-40	Rohm
1	D100	12V	Diode, Zener, 200mW, 12V	SOD-323	BZT52C12S-7-F	Conitnental Devices India Limited
1	D2	RH02-T	Diode, Bridge, 0.5-A, 200-V	MiniDIP	RH02-T	Diodes
1	D3	DFLU1400	Diode, Super Fast Rectifier, 1A, 400V	PowerDI 123	DFLU1400	Diodes
1	L1	470uH	Inductor, SMT, 0.4A, 1.74ohm	0.300 x 0.300	DRQ74-471R	Coiltronics
1	Q1	TN2404K	MOSFET, N-ch, 240-V, 200-mA, 4-Ohms	SOT23	TN2404K	Vishay
1	R1	100	Resistor, Fusible Power, 1W	0.300 X 0.100 inch	NFR0100001000JR500	Vishay
1	R10	49.9k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R2	100k	Resistor, Chip, 1/2W, 5%	2010	Std	Std
1	R3	0.22	Resistor, Chip, 1/16W, 5%	0603	Std	Std
1	R4	1MEG	Resistor, Chip, 1/16W, 5%	0402	Std	Std
1	R5	1k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R6	0.27	Resistor, Chip, 1/16W, 5%	0603	Std	Std
1	R7	100k	Resistor, Chip, 1/16W, 5%	0402	Std	Std
1	R8	16.2k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R9	100k	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	TP1, TP2, TP3	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP4	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	TPS40210DRC	IC, 4.5V-52V I/P, Current Mode Boost Controller	DRC10	TPS40210DRC	TI

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