

Filename: PMP5138_REVA_bom.xls						
Date: 09/21/2009						
		PMP5138_REVA BOM				
COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C3	33pF	Capacitor, Ceramic, 50V, C0G, 10%	603	Std	Std
2	C1, C9	100pF	Capacitor, Ceramic, 50V, C0G, 10%	603	Std	Std
1	C4	0.012uF	Capacitor, Ceramic, 50V, X7R, 10%	603	Std	Std
2	C2, C5	0.1uF	Capacitor, Ceramic, 25V, X7R, 10%	603	Std	Std
1	C7	1uF	Capacitor, Ceramic, 16V, X7R, 10%	603	Std	Std
3	C11, C12, C13	2.2uF	Capacitor, Ceramic, 100V, X7R, 10%	1210	C3225X7R2A225K	TDK
1	C8	10uF	Capacitor, Ceramic, 16V, X7R, 10%	1210	C3225X7R1C106K	TDK
1	C14	33uF	Capacitor, Aluminum Electrolytic, vvV	6.3x11mm	63ZL33M6.3x11	Rubycon
1	C27	120uF	Capacitor, Aluminum, 16V, 20%	8x7mm	16ZL120M8x7	Rubycon
1	D1		Diode, Schottky, 3A, 60V	SMC	B360	Diodes, Inc
2	J1, J2		Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	D120/2DS	OST
1	L1	33uH	Inductor, SMT, 3.1A, 69.8 milliohm	12.3x12.3mm	MSS1278-333ML	Coilcraft
1	Q1		MOSFET, N-chan, 60V, 6A, 58 milliohm	PWRPAK 1212	Si7308DN	Vishay
5	R6, R9, R12, R15, R100	0	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R7	10	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R10	1K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R3	2K	Resistor, Chip, 1/16W, 1%	603	Std	Std
2	R2, R5	137K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R1	316K	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R14	0	Resistor, Chip, 1W, 1%	2512	Std	Std
1	R11	0.04	Resistor, Chip, 1W, 1%	2512	Std	Std
3	TP1, TP8, TP11		Test Point, Black, Thru Hole	0.125 x 0.125 inch	5011	Keystone
2	TP2, TP10		Test Point, Red, Thru Hole	0.125 x 0.125 inch	5010	Keystone
2	TP4, TP5		Test Point, White, Thru Hole Color Keyed	0.100 x 0.100 inch	5002	Keystone
1	TP7		Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	U1		IC, Low Cost Non-Synchronous Boost Controller	DGS10	TPS40210DGS	TI

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