

Filename: PMP2122_REVA_bom.xls					
Date: 9/22/2006					
PMP2122_REVA BOM					
COUNT	RefDes	Description	Size	Mfr	Part Number
1	C14	Capacitor, Ceramic, 0.47uF, 16V, X7R, 15%	603	TDK	Std
1	C5	Capacitor, Ceramic, 100-pF, 50-V, X7R, 15%	603	TDK	Std
1	C6	Capacitor, Ceramic, 2700-pF, 50-V, X7R, 15%	603	TDK	Std
1	C8	Capacitor, Ceramic, 1uF, 25V, X7R, 15%	603	TDK	Std
1	C7	Capacitor, Ceramic, 47-pF, 50-V, NPO, 15%	603	TDK	Std
2	C13, C15	Capacitor, Ceramic, 470-pF, 50-V, X7R, 15%	603	TDK	Std
2	C11, C12	Capacitor, Ceramic, 22uF, 6.3V, X5R, 20%	805	TDK	C2012X5R0J226M
1	C4	Capacitor, Ceramic, 10uF, 25V, X5R, 20%	1206	TDK	C3216X5R1E106M
1	D1	Diode, Schottky, 3A, 40V	SMC	Vishay	SL44
1	L2	Inductor, SMT, 22uH, 4A, 0.0391 Ohm	0.492"x0.492"	Coiltronics	DR127-220-R
1	Q1	MOSFET, P-ch, -30V, 5.3A, 50 milliOhms	SO8	Fairchild	FDS9435A
1	R2	Resistor, Chip, 0.015 Ohms, 1/10W, 5%	805	Std	Std
1	R4	Resistor, Chip, 0-Ohms, 1/16-W, 1%	603	Std	Std
2	R1, R7	Resistor, Chip, 100K-Ohms, 1/16-W, 1%	603	Std	Std
1	R9	Resistor, Chip, 16.2K-Ohms, 1/16-W, 1%	603	Std	Std
1	R3	Resistor, Chip, 1K Ohms, 1/16-W, 1%	603	Std	Std
1	R6	Resistor, Chip, 2K Ohms, 1/16-W, 1%	603	Std	Std
1	R5	Resistor, Chip, 15K-Ohms, 1/16-W, 1%	603	Std	Std
1	R8	Resistor, Chip, 49.9-Ohms, 1/16-W, 1%	603	Std	Std
1	U1	IC, Low Cost Sync Buck Controller	SO-8	Texas Instruments	TPS40200D
MISC					
2	J1, J2	Terminal Block, 2-pin, 6-A, 3.5mm	0.27"x 0.25"	OST	ED1514
6	TP1, TP3, TP4, TP5, TP8, TP9	Test Point, Red, 1mm	0.038	Farnell	240-345
3	TP2, TP6, TP7	Test Point, Black, 1mm	0.038	Farnell	240-333
1	C1	Capacitor, Alum, open			

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