

Date: 11/8/2007		PMP3004_REVB BOM			
COUNT	RefDes	Description	Size	Mfr	Part Number
2	C8, C22	Capacitor, Ceramic, 0.1uF, 50V, X7R, 15%	0603	TDK	Std
2	C1, C29	Capacitor, Ceramic, 1000pF, 50V, NPO, 15%	0603	TDK	Std
1	C19	Capacitor, Ceramic, 100pF, 50V, NPO, 15%	0603	TDK	Std
1	C11	Capacitor, Ceramic, 4.7uF, 10V, X5R, 15%	0603	TDK	Std
1	C24	Capacitor, Ceramic, 1uF, 16V, X7R, 15%	0603	TDK	Std
1	C7	Capacitor, Ceramic, 6800pF, 50V, X7R, 15%	0603	TDK	Std
1	C21	Capacitor, Ceramic, 2200pF, 50V, X7R, 15%	0603	TDK	Std
1	C9	Capacitor, Ceramic, 47pF, 50V, NPO, 15%	0603	TDK	Std
1	C26	Capacitor, Ceramic, 22pF, 50V, NPO, 15%	0603	TDK	Std
2	C10, C23	Capacitor, Ceramic, 470pF, 50V, NPO, 5%	0603	TDK	Std
2	C27, C28	Capacitor, Ceramic, 10uF, 6.3V, X5R, 15%	0805	TDK	C2012X5R0J106MT
1	C17	Capacitor, Ceramic, 0.1uF, 100V, X7R, 20%	1206	TDK	C3216X7R2A104MT
4	C5, C6, C15, C16	Capacitor, Ceramic, 22uF, 16V, X7R, 10%	1210	TDK	C3225X7R1C226M
1	C20	Capacitor, Ceramic, 3.3uF, 50V, X5R, 15%	1210	TDK	C3225X5R1H335MT
4	C12, C13, C14, C25	Capacitor, Ceramic, 47uF, 6.3V, X5R, 10%	1210	TDK	C3225X5R0J476M
3	C2, C3, C4	Capacitor, Alum, 220uF, 35V, 1.03Arms, 20%	10x12.5mm	Rubycon	35ZL220uF20%10X12.5
1	C18	Capacitor, Alum, 15uF, 100V	6.3x11mm	Rubycon	100ZL15uF20%6.3X11
2	D1, D3	Diode, Schottky, 2A, 60V	SMB	Diodes Inc.	B260
2	D2, D5	Diode, Schottky, 3A, 40V	SMA	Diodes Inc.	B340A
1	D4	Diode, Rectifier, 1A, 400V	SMA	Diodes Inc.	US1G
2	L1, L2	Inductor, SMT, 4.7uH, 1.55A, 0.088 Ohms	0.260 * 0.180 inch	Coiltronics	UP0.4C-4R7-R
1	L3	Inductor, SMT, 220uH, 1.19A, 0.384 Ohms	0.492 sq"	Coiltronics	DR125-221-R
1	L4	Inductor, SMT Power, 0.5-A, 0.2-ohms	0.224 inch	Sumida	CDRH5D28-100
2	Q1, Q2	MOSFET, P-ch, -60V, 0.100 Ohm	DPAK	Fairchild	FDD5614P
1	Q100	MOSFET, N-ch, 60-V, 115-mA, 1.2-Ohms	SOT23	On Semi	2N7002
1	R3	Resistor, Chip, 200K Ohms, 1/16-W, 1%	0603	Std	Std
2	R6, R15	Resistor, Chip, 49.9 Ohms, 1/16-W, 1%	0603	Std	Std
1	R100	Resistor, Chip, 10K Ohms, 1/16-W, 1%	0603	Std	Std
3	R5, R10, R14	Resistor, Chip, 100K Ohms, 1/16-W, 1%	0603	Std	Std
3	R2, R11, R13	Resistor, Chip, 1K Ohm, 1/16-W, 1%	0603	Std	Std
1	R16	Resistor, Chip, 26.7K Ohms, 1/16-W, 1%	0603	Std	Std
1	R4	Resistor, Chip, 33.2K Ohms, 1/16-W, 1%	0603	Std	Std
1	R12	Resistor, Chip, 49.9K Ohms, 1/16-W, 1%	0603	Std	Std
1	R7	Resistor, Chip, 7.32K Ohms, 1/16-W, 1%	0603	Std	Std
1	R101	Resistor, Chip, 4.99K Ohms, 1/16-W, 1%	0603	Std	Std
1	R1	Resistor, Chip, 0.01 Ohm, 1/10W, 5%	0805	Std	Std
1	R9	Resistor, Chip, 0.1 Ohms, 1/10W, 5%	0805	Std	Std
1	R8	Resistor, Chip, 51.1K Ohms, 1/10-W, 1%	0805	Std	Std
1	T1	Transformer, Flyback 5 uH	0.677"x 0.865"	Coilcraft	GA3412-BL
2	U1, U2	IC, Low Cost Sync Buck Controller	SO-8	Texas Instruments	TPS40200D
1	U3	IC, Step-Down Converter, 1.8-V, 300-mA	SOT23-5	Texas Instruments	TPS62202DBV
MISC					
7	J1, J2, J3, J4, J5, J6, J7	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25	OST	ED1514
13	TP1, TP3, TP4, TP6, TP7, TP8, TP9, TP11, TP12, TP13, TP16, TP17, TP18	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	Keystone	5000
6	TP2, TP5, TP10, TP14, TP15, TP19	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	Keystone	5001
1	J100	Header, 2-pin, 0.100" spacing	0.100" x 2	Sullins	PTC36SAAN

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