

Date: 04/17/2007					
			PMP2448_REVA BOM		
COUNT	RefDes	Part Number	Description	Size	MFR
4	C26, C28, C31, C33	Std	Capacitor, Ceramic, 0.01-uF, 25V, X7R	0603	Std
1	C37	Std	Capacitor, Ceramic, 0.022-uF, 25-V, X7R	0603	Std
2	C29, C30	Std	Capacitor, Ceramic, 0.1uF, 16V, X5R	0603	Std
2	C23, C38	Std	Capacitor, Ceramic, 100pF, 50V, COG	0603	Std
1	C40	C1608X5R0J106M	Capacitor, Ceramic, 10uF, 6.3V, X5R, 20%	0603	TDK
3	C25, C34, C36	Std	Capacitor, Ceramic, 1uF, 6.3V, X5R	0603	Std
2	C20, C41	Std	Capacitor, Ceramic, 220pF, 25V, NPO	0603	Std
2	C21, C35	Std	Capacitor, Ceramic, 4700pF, 25V, X7R	0603	Std
1	C27	Std	Capacitor, Ceramic, 47pF, 50V, COG	0603	Std
4	C24, C32, C100, C101	C2012X5R0J226M	Capacitor, Ceramic, 22uF, 6.3V, X5R, 20%	0805	TDK
2	C22, C39	C3225X7R1C226MT	Capacitor, Ceramic, 22uF, 16V, X7R, 15%	1210	TDK
2	D6, D7	MBR0530T1	Diode, Schottky, 0.5-A, 30-V	SOD123	On Semi
2	L2, L3	DR125-100-R	Inductor, SMT, 10uH, 5.35A, 18.9 milliohm	0.492 sq"	Coiltronics
2	Q5, Q6	SP8K4	XSTR, MOSFET, Dual N-Ch, 30V, 9A	SOP-8	Rohm
3	R29, R34, R35	Std	Resistor, Chip, 10 Ohms, 1/16-W, 1%	0603	Std
2	R26, R38	Std	Resistor, Chip, 100K-Ohms, 1/16-W, 1%	0603	Std
2	R30, R31	Std	Resistor, Chip, 10K Ohms, 1/16-W, 1%	0603	Std
1	R32	Std	Resistor, Chip, 15K Ohms, 1/16-W, 1%	0603	Std
2	R24, R39	Std	Resistor, Chip, 2.37K Ohms, 1/16-W, 1%	0603	Std
1	R40	Std	Resistor, Chip, 243K-Ohms, 1/16-W, 1%	0603	Std
1	R27	Std	Resistor, Chip, 34.0K-Ohms, 1/16-W, 1%	0603	Std
1	R100	Std	Resistor, Chip, 422K-Ohms, 1/16-W, 1%	0603	Std
2	R25, R37	Std	Resistor, Chip, 49.9 Ohms, 1/16-W, 1%	0603	Std
2	R28, R36	Std	Resistor, Chip, 6.32K Ohms, 1/16-W, 1%	0603	Std
1	R33	Std	Resistor, Chip, 7.5K Ohms, 1/16-W, 1%	0603	Std
1	U4	TPS5124DBT	IC, Dual Synchronous PWM Controller	DBT30	Texas Instruments
MISC					
3	J1, J3, J6	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25	OST
1	J100	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.1"x 2	Sullins

2	J4, J5	PTC36SAAN	Header, 3-pin, 100mil spacing, (36-pin strip)	0.1"x 3	Sullins
6	TP15, TP17, TP18, TP21, TP22, TP23	Farnell	Test Point, Red, 1mm	0.038"	240-345
4	TP16, TP19, TP20, TP24	Farnell	Test Point, Black, 1mm	0.038"	240-333

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