Date: 02/23/2010			PMP5302_REVB BOM			
COUNT	**RefDes**	**Value**	**Description**	**Size**	**Part Number**	**MFR**
1	C14	0.047uF	Capacitor, Ceramic, 25V, X7R, 15%	0402	Std	Std
2	C15, C21	1uF	Capacitor, Ceramic, 10V, X5R, 15%	0402	Std	Std
2	C13, C16	220pF	Capacitor, Ceramic, 50V, NPO, 5%	0402	Std	Std
1	C18	22pF	Capacitor, Ceramic, 50V, NPO, 15%	0402	Std	Std
1	C20	1000pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	Std
1	C17	47pF	Capacitor, Ceramic, 50V, NPO, 15%	0402	Std	Std
1	C19	680pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	Std
2	C6, C10	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
1	C2	22uF	Capacitor, Ceramic, 16V, X7R, 15%	1210	C3225X7R1C226MT	TDK
1	C4	3.3uF	Capacitor, Ceramic, 50V, X7R, 15%	1210	C3225X7R1H335MT	TDK
1	C12	4700pF	Capacitor, Ceramic, 4700pF, 2KV, X7R, 10%	1812	Std	AVX
2	D1, D2	DFLS140L	Diode, Schottky, 1A, 40V	PowerDI 123	DFLS140L	Diodes Inc.
1	D4	BAV99	Diode, Dual Ultra Fast, Series, 200-mA, 70-V	SOT23	BAV99	Fairchild
1	Q1	Si3458BDV	MOSFET, N-ch, 60V, 4.1A, 100 milliOhms	TSOP-6	Si3458BDV	Vishay
1	R8	0	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R11	49.9	Resistor, Chip, 1/16W, 1%	0402	Std	Std
4	R10, R13, R14, R21	1K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R19	10K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R24	20K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	R16, R20, R22	24.9K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R12	2K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R17	30.1K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R6	301K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R15	0.15	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	T1	25uH	Transformer, Flyback, 25uH	8x8mm	DCT5EPG-U05S003	TDK
1	U2	TCMT1107	IC, Photocoupler, 80-160% CTR	MF4	TCMT1107	Vishay
1	U1	TPS40210DGQ	IC, 4.5V-52V I/P, Current Mode Boost Controller	DGQ10	TPS40210DGQ	TI
1	U4	TL431BQDCK	IC, Adjustable Precision Shunt Regulator	SC-70	TL431BQDCKT	TI
MISC						
2	J1, J2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27"x 0.25"	ED555/2DS	OST
5	TP1, TP2, TP4, TP5, TP9	5000	Test Point, Red, Thru Hole Color Keyed	0.1"x 0.1"	5000	Keystone
3	TP3, TP7, TP8	5001	Test Point, Black, Thru Hole Color Keyed	0.1"x 0.1"	5001	Keystone
1	C22	DNP	Capacitor, Ceramic, 50V, NPO, 15%	0402	Std	Std
1	R25	DNP	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R23	0	Resistor, Chip, 1/16W, 1%	0402	Std	Std

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