Date: 03/23/2007

PMP2346_REVB BOM

COUNT	RefDes	Description	Size	MFR	Part Number
2	C1, C8	Capacitor, Ceramic, 0.1uF, 16V, X7R	603	Std	Std
1	C6	Capacitor, Ceramic, 100pF, 50V, COG	603	Std	Std
1	C7	Capacitor, Ceramic, 1uF, 6.3V, X7R	603	Std	Std
1	C4	Capacitor, Ceramic, 0.022uF, 25V, X7R	603	Std	Std
2	C2, C3	Capacitor, Ceramic, 22uF, 6.3V, X5R, 20%	1206	TDK	C3216X5R0J226M
1	D1	Diode, Schottky, 3A, 40V	Power DI	Diodes Inc.	PDS760
1	L1	Inductor, 6.8uH, 6.64A, 12.3 milliohm	0.492 sq"	Coiltronics	DR125-6R8-R
1	Q1	MOSFET, N-Ch, 20V, 19.5A, 6.2 millohm	PWRPAK 1212	Vishay	Si7106DN
1	R8	Resistor, Chip, 0 Ohms, 1/16-W	603	Std	Std
1	R7	Resistor, Chip, 10 Ohms, 1/16-W, 1%	603	Std	Std
1	R12	Resistor, Chip, 100K Ohms, 1/16W, 1%	603	Std	Std
2	R3, R4	Resistor, Chip, 10K Ohms, 1/16W, 1%	603	Std	Std
2	R2, R5	Resistor, Chip, 124K Ohms, 1/16W, 1%	603	Std	Std
2	R9, R14	Resistor, Chip, 1K Ohms, 1/16W, 1%	603	Std	Std
1	R13	Resistor, Chip, 200K Ohms, 1/16-W, 1%	603	Std	Std
1	R6	Resistor, Chip, 49.9 Ohms, 1/16W, 1%	603	Std	Std
1	R15	Resistor, Chip, 0.02 Ohms, 0.25W, 5%	1206	Std	Std
1	R1	Resistor, Chip, 0.068 Ohms, 0.25W, 5%	1206	Std	Std
1	U1	IC, Op Amp, 1 MHz, 45uA Rail-to-Rail	SC70-5	Texas Instruments	OPA348AIDCKR
1	U2	IC, Multimode, Hi-Frequency PWM Controller	PW16	Texas Instruments	UCC39421PW
MISC					
2	J1, J2	Terminal Block, 2-pin, 6-A, 3.5mm	0.27"x 0.25"	OST	ED1514
5	TP1, TP4, TP5, TP6, TP7	Test Point, Red, Thru Hole Color Keyed	0.1"x 0.1"	Keystone	5000
3	TP2, TP3, TP8	Test Point, Black, Thru Hole Color Keyed	0.1"x 0.1"	Keystone	5001
2	R10, R11	Resistor, Chip, open	603		
1	C5	Capacitor, Ceramic, open	603		

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