Filename: PMP2349_REVB_bom.xls
Date: 02/14/2007

PMP2349_REVB BOM

COUNT	RefDes	Value	Description	SIZE	Part Number	MFR	AREA
1	C12	.022uF	Capacitor, Ceramic, X7R, 0603	0603	Std	Std	5650
1	C13	1uF	Capacitor, Ceramic, X7R, 0805	0805	Std	Std	10560
1	C15	2200pF	Capacitor, Ceramic, X7R, 0603	0603	Std	Std	5650
1	C16	1500pF	Capacitor, Ceramic,COG, 0603	0603	Std	Std	5650
1	C17	82pF	Capacitor, Ceramic, COG, 0603	0603	Std	Std	5650
5	C2, C3, C7, C8, C9	22uF	Capacitor, Ceramic, 16V, X7R, 20%	1210	C3225X7R1C226M	TDK	24200
1	C5	0.1uF	Capacitor, Ceramic, X7R, 0603	0603	Std	Std	5650
2	J1, J2	ED1609-ND	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35	ED1609	OST	148830
1	L1B9	2.2uH	Inductor, SMT, 15-A, 4.5-milliohm	0.492 sq"	DR125-2R2	Coiltronics	250000
2	Q1, Q5	Si7106DN	MOSFET, Fast Switching, NChan, 20V, 19.5A, 6.2millohm,	PWRPAK 1212	Si7106DN	Vishay	90.27
1	R1	7.15K	Resistor, Chip, 0603, 1%	0603	Std	Std	5650
1	R10	21.0K	Resistor, Chip, 21.0K, 0603	0603	Std	Std	5650
1	R2	0	Resistor, Chip, 0805	0805	Std	Std	10560
1	R3	0	Resistor, Chip, 0, 0805	0805	Std	Std	10560
1	R5	0	Resistor, Chip, 0805	0805	Std	Std	10560
1	R6	7.50K	Resistor, Chip, 7.50K, 0603	0603	Std	Std	5650
1	R7	10K	Resistor, Chip, 10K, 0603	0603	Std	Std	5650
1	R8	49.9	Resistor, Chip, 49.9, 0603	0603	Std	Std	5650
1	R9	340	Resistor, Chip, 340, 0603	0603	Std	Std	5650
6	TP1, TP3, TP4, TP5, TP7, TP9		Test Point, Red, 1mm	0.038	240-345	Farnell	6400
3	TP2, TP6, TP10		Test Point, Black, 1mm	0.038	240-333	Farnell	6400
1	U1	TPS40009DGQ	IC, Low Input Voltage Mode, Sync. Buck Controller	DGQ10	TPS4000xDGQ	TI	38,385

Notes:
1. These assemblies are ESD sensitive, ESD precautions shall be observed.
2. These assemblies must be clean and free from flux and all contaminants.
   Use of no clean flux is not acceptable.
3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.
4. Ref designators marked with an asterisk ('**') cannot be substituted.
   All other components can be substituted with equivalent MFG's components.

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