Filename: PMP2447_REVB_bom.xls
Date: 04/30/2007

PMP2447_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr	AREA
1	C13	470pF	Capacitor, Ceramic, 470-pF, 50-V, X7R, 15%	0603	Std	TDK	
1	C14	1uF	Capacitor, Ceramic, 1-uF, 16-V, X7R, 15%	0603	Std	TDK	
4	C3, C11, C23, C26	22uF	Capacitor, Ceramic, 16V, X7R, 20%	1210	C3225X7R1C226M	TDK	
1	C5	100pF	Capacitor, Ceramic, 50-V, X7R, 15%	0603	Std	TDK	
1	C6	0.0022uF	Capacitor, Ceramic, 50-V, X7R, 15%	0603	Std	TDK	
1	C7	22pF	Capacitor, Ceramic, 50-V, NPO, 15%	0603	Std	TDK	
1	C8	0.1uF	Capacitor, Ceramic, 50-V, X7R, 15%	0603	Std	TDK	
2	D2, D3	MBRS340T3	Diode, Schottky, 3-A, 40-V	SMC	MBRS340T3	On Semi	
1	D4	MBRA140	Diode, Schottky, 1-A, 40-V	SMA	STD	STD	
1	J1	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25	ED1514	OST	
1	J2	PTC36SAAN	Header, 6-pin, 100mil spacing, (36-pin strip)	0.100 inch x 6	PTC36SAAN	Sullins	
1	L1	GA3096-AL	Transformer,	0.500 x 0.600 ir	GA3096-AL	Coilcraft	
1	Q1	FDS4435	MOSFET, Pch, -30V, -8.8A, 20-milliohm	SO8	FDS4435	Fairchild	
1	R1	100K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	
1	R2	0.005	Resistor, Chip, 1/10W, yy%	0805	Std	Std	
1	R3	1.0K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	
1	R5	49.9K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	
1	R7	100K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	
1	R8	49.9	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	
1	R9	6.19K	Resistor, Chip, 1/16-W, 1%	0603	Std	Std	
3	TP1, TP2, TP3		Test Point, Red, 1mm	0.038	240-345	Farnell	
1	U1	TPS40200D	IC, Low Cost Sync Buck Controller	SO-8	TPS40200D	TI	

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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