

Filename: PMP2222_1_REVA_bom.xls						
Date: 11/14/2006						
PMP2222_1_REVA BOM						
COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	470uF	Capacitor, Alum, 470uF, 35V, 0.06 Ohms, 20%	0.543 x 0.543	EEVFK1V471Q	Panasonic
1	C13	330pF	Capacitor, Ceramic, 330-pF, 50V, X7R, 5%	0603	Std	TDK
1	C14	0.47uF	Capacitor, Ceramic, 0.47uF, 16-V, X7R, 15%	0603	Std	TDK
1	C15	680pF	Capacitor, Ceramic, 680-pF, 50-V, NPO, 15%	0603	Std	TDK
1	C5	100pF	Capacitor, Ceramic, 100-pF, 50-V, X7R, 15%	0603	Std	TDK
1	C6	3300pF	Capacitor, Ceramic, 3300-pF, 25V, X7R, 15%	0603	Std	TDK
1	C7	47pF	Capacitor, Ceramic, 47pF, 50-V, NPO, 15%	0603	Std	TDK
1	C8	0.1uF	Capacitor, Ceramic, 0.1uF, 50V, X7R, 15%	0603	Std	TDK
3	C9, C11, C12	22uF	Capacitor, Ceramic, 22uF, 6.3V, 20%	1206	C3216X5R0J226M	TDK
1	D1	B330	Diode, Schottky, 3A, 30V	SMC	B330	Diodes Inc.
2	J1, J2	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25	ED1514	OST
1	L1	22uH	Inductor, SMT, 22uH, 3.7A, 39.6 milliohm	12.5x12.5mm	DR125-220	Coiltronics
1	Q1	FDS4435	MOSFET, P-ch, -30V, 20 milliOhms	SO8	FDS4435	Fairchild
1	R1	191K	Resistor, Chip, 191K-Ohms, 1/16-W, 1%	0603	Std	Std
1	R2	0.01	Resistor, Chip, 0.01 Ohms, ¼ W, 5%	1210	ERJ-L14KF10MU	Panasonic
1	R3	1K	Resistor, Chip, 1K Ohms, 1/16-W, 1%	0603	Std	Std
1	R4	0	Resistor, Chip, 0-Ohms, 1/16-W, 1%	0603	Std	Std
1	R5	24.9K	Resistor, Chip, 24.9K-Ohms, 1/16-W, 1%	0603	Std	Std
1	R6	1.33K	Resistor, Chip, 1.33K-Ohms, 1/16-W, 1%	0603	Std	Std
1	R7	100K	Resistor, Chip, 100K-Ohms, 1/16-W, 1%	0603	Std	Std
1	R8	49.9	Resistor, Chip, 49.9-Ohms, 1/16-W, 1%	0603	Std	Std
1	R9	26.7K	Resistor, Chip, 26.7K-Ohms, 1/16-W, 1%	0603	Std	Std
6	TP1, TP3, TP4, TP5, TP8, TP9		Test Point, Red, 1mm	0.038	240-345	Farnell
3	TP2, TP6, TP7		Test Point, Black, 1mm	0.038	240-333	Farnell
1	U1	TPS40200D	IC, Low Cost Sync Buck Controller	SO-8	TPS40200D	Texas Instruments
1	--		PCB, 1 Ln x 1 Ln x 1 Ln		PMP1278_REVB	Any
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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