

Filename: PMP6807_REVA_bom.xls

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PMP6807_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	1000pF	Capacitor, Ceramic, 25V, X7R, 10%	0402	Std	Std
1	C12	330uF	Capacitor, POSCAP, 330uF, 2.5V, 0.009 Ohms, 20%, Case B2	3528(B)	2R5TPE330MA9R	Sanyo
1	C15	0.22uF	Capacitor, Ceramic, 16V, X7R, 10%	0402	Std	Std
1	C17	10nF	Capacitor, Ceramic, 16V, X7R, 10%	0402	Std	Std
1	C2	1uF	Capacitor, Ceramic, 25V, X7R, 10%	0603	Std	Std
1	C3	10uF	Capacitor, Ceramic, 25V, X5R, 20%	1206	Std	Std
5	C7, C9, C10, C11, C14	10uF	Capacitor, Ceramic, 10V, X5R, 20%	0805	Std	Std
2	C8, C16	0.1uF	Capacitor, Ceramic, 16V, X7R, 10%	0402	Std	Std
1	L1	2.2uH	Inductor, SMT Power, 5A, 30milliohms	0.224 inch	PCMB051H-2R2MS	Cyntec
2	Q1, Q2	CSD17313Q2	Transistor, Nchannel, 30V, 5A, 26mohm	SuperSOT-6	CSD17313Q2	TI
1	R1	200K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R2, R7	100K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R3	0	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R4	4.7	Resistor, Chip, 1/16W, 1%	0402	Std	Std
3	R5, R8, R9	10K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R6	30.1K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	U1	TPS51216	IC, Complete DDR2, DDR3 and DDR3L Memory Power Solution	QFN-20	TPS51216	TI

For Test Purpose Only

3	J1, J2, J4	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED1514	OST
1	J3	ED120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	ED120/2DS	OST
2	J5, J6	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 inch x 2	PTC36SAAN	Sullins
6	TP1, TP3, TP4, TP5, TP8, TP10	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
4	TP2, TP6, TP7, TP9	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone

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