

Filename: PMP8537RevA - BoM.xls

Date: 1/16/2013

## PMP8537RevA - 3.8V @ 2.5A - Bill of Material

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	100nF	Capacitor, Ceramic, 50V, X7R, 15%	603	Std	Std
1	C12	10nF	Capacitor, Ceramic, 50V, X7R, 15%	603	Std	Std
3	C3, C4, C101	47uF	Capacitor, Ceramic, 10V, X5R, 15%	1210	Std	Std
1	C7	4.7uF	Capacitor, Ceramic, 50V, X7R, 15%	1210	Std	Std
1	C8	3.3nF	Capacitor, Ceramic, 50V, X7R, 15%	603	Std	Std
1	C9	15pF	Capacitor, Ceramic, 50V, X7R, 15%	603	Std	Std
1	D101	3.3V	Diode, Zener, 3.3V, 200mW	SOT-23	BZX84B3V3	Vishay
1	D2	B560C	Diode, Schottky, 60V, 5A	SMB	B560C	Diodes
2	J1, J2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27" x 0.25"	ED555/2DS	OST
1	J3	PEC03SAAN	Header, Male 3-pin, 100mil spacing,	0.100 inch x 3	PEC03SAAN	Sullins
1	L2	10uH	Inductor, SMT, 23mOhm, 4.0A rms, 3.8A sat	0.402 x 0.394 inch	MSS1048-103M	Coilcraft
1	R1	45.3k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R10	38.3k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R101	100k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R11	10.0k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R3	301k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R8	49.9	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	TP10	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
2	TP13, TP14	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	U1	TPS54240	IC, DC-DC Converter, 3.5-42V	MSOP-10	TPS54240DGQ	Texas Instruments

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