

Filename: PMP5730RevA - BoM.xls

Date: 7/12/2011

PMP5730RevA - Bill of Material

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	10uF	Capacitor, Ceramic, 25V, X5R, 15%	1210	Std	Std
1	C2	10uF	Capacitor, Ceramic, 25V, X5R, 15%	1210	Std	Std
1	C3	100nF	Capacitor, Ceramic, 25V, X7R, 10%	603	Std	Std
1	C4	10nF	Capacitor, Ceramic, 25V, X7R, 10%	603	Std	Std
1	C5	220pF	Capacitor, Ceramic, 25V, X7R, 10%	603	Std	Std
1	C6	22uF	Capacitor, Ceramic, 6.3V, X5R, 15%	1206	Std	Std
1	C7	22uF	Capacitor, Ceramic, 6.3V, X5R, 15%	1206	Std	Std
1	C8	4.7uF	Capacitor, Ceramic, 25V, X5R, 15%	805	Std	Std
1	C9	22nF	Capacitor, Ceramic, 25V, X7R, 10%	603	Std	Std
1	C10	open	Capacitor, Ceramic, 50V, C0G, 5%	603	Std	Std
1	C11	open	Capacitor, Ceramic, 25V, X7R, 10%	603	Std	Std
1	C101	6x 22uF	Capacitor, Ceramic, 6.3V, X5R, 15%	1206	Std	Std
1	J1	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	J2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	J3	PEC02SAAN	Header, Male 2-pin, 100mil spacing,	0.100 inch x 2	PEC02SAAN	Sullins
1	J4	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	J5	PEC02SAAN	Header, Male 2-pin, 100mil spacing,	0.100 inch x 2	PEC02SAAN	Sullins
1	J6	PEC02SAAN	Header, Male 2-pin, 100mil spacing,	0.100 inch x 2	PEC02SAAN	Sullins
1	J7	PEC02SAAN	Header, Male 2-pin, 100mil spacing,	0.100 inch x 2	PEC02SAAN	Sullins
1	L1	3.3uH	Inductor, SMT, 10.4mOhm, 6.32A sat, 5.04A rms	0.402 sq inch	MSS1048-332NLC	Coilcraft
1	R1	200k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R2	57.6k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R3	100k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R4	3.32k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R5	51.1	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R6	5.11k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R7	10.0k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R8	open	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R9	open	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	TP1	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP2	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	TP3	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP4	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP5	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	TP6	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	TP7	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	TP8	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP9	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	TPS54622RHL	IC, 1.62V-17V Synchronous Buck PWM Converter with Integrated MOSFET	QFN14	TPS54620RGY	Texas Instruments

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