

Filename: PMP3991_REVB_bom.xls

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PMP3991_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C12	4.7uF	Capacitor, Ceramic, 6.3V, X7R, 15%	0603	STD	STD
2	C13, C14	470pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
1	C2	22uF	Capacitor, Ceramic, 16V, X7R, 20%	1210	C3225X5R1C226MT	TDK
4	C4, C5, C15, C16	0.033uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
3	C7, C8, C9	47uF	Capacitor, Ceramic, 6.3V, X5R	1210	C3225X5R0J476MT	TDK
2	D1, D2	B520C-13	Diode, Schottky, 5-A, 20-V	SMC	B520C-13	Diodes Inc
3	J1, J2, J3	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
2	L1, L2	10uH	Inductor, SMT, 4.5A, 68-milliohm	0.255 x 0.270 inch	IHLP2525EZ-01	Vishay
2	R1, R2	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R12	4.64k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	20k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R3	0	Do Not Populate	0603	N/A	N/A
1	R4	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R5, R8	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R6, R7	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R9, R10	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
5	TP1, TP3, TP4, TP8, TP9	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP2, TP5, TP6	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U2	TPS54383PWP	IC, 3A, 300KHz Dual Converter	HTSSOP-14	TPS54383PWP	TI

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