

Filename: PMP3166_REVA_bom.xls

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PMP3166_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
4	C1, C6, C7, C8	22uF	Capacitor, Ceramic, 6.3V, X5R, 15%	0805	Std	TDK
1	C12	4.7uF	Capacitor, Ceramic, 6.3V, X7R, 15%	0603	STD	STD
2	C15, C16	0.1uF	Capacitor, Ceramic, 16V, X7R, 15%	0402	Std	TDK
2	C2, C3	22uF	Capacitor, Ceramic, 16V, X7R, 15%	1210	Std	TDK
2	C4, C5	0.033uF	Capacitor, Ceramic, 25V, X7R, 15%	0402	Std	TDK
2	D1, D2	MBRS340T3	Diode, Schottky, 3-A, 40-V	SMC	MBRS340T3	On Semi
2	L1, L2	15uH	Inductor, SMT, 2.5A, 63milliohm	0.300 sq"	DR74-150	Coiltronics
1	R12	3.16K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	R13	1.91K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R6, R7	10.0K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
2	R9, R10	1.00K	Resistor, Chip, 1/16W, 1%	0402	Std	Std
1	U2	TPS54283PWP	IC, 2A, 300KHz Dual Converter	HTSSOP-14	TPS54283PWP	TI

For Test Purposes Only

3	J1, J2, J3	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
2	R5, R8	49.9	Resistor, Chip, 1/16W, 1%	0402	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

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