

Filename: PMP4190_REVA_bom.xls

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PMP4190_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C10	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
1	C100	0.022uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
1	C14	100pF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
1	C16	1uF	Capacitor, Ceramic, 25V, X7R, 10%	0603	Std	Std
1	C17	0.01uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
2	C2, C7	22uF	Capacitor, Ceramic, 10V, X5R, 15%	1210	Std	Std
1	C20	4.7uF	Capacitor, Ceramic, 10V, X5R, 20%	0805	C2012X5R1A475MT	TDK
1	C3	1000pF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	Std
1	C9	4700pF	Capacitor, Ceramic, 4700pF, 2KV, X7R, 10%	1812	Std	AVX
2	D1, D3	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
1	D2	MBRS330T3	Diode, Schottky, 3A, 30V	SMC	MBRS330T3	On Semi
2	J1, J2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	R1	1k	Resistor, Chip, 1/8W, 5%	1206	Std	Std
1	R100	49.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R101	0	Resistor, Chip, 1%, 0603	0603	Std	Std
1	R11	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R12	2k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R13, R23	20k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R15, R17	499	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R22	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	10	Resistor, Chip, 1%, 0603	0603	Std	Std
1	R5	90.9k	Resistor, Chip, 1/16W, 1%	0603	std	std
1	SH1000		Short jumper			
1	T1	G084001LF	Transformer, Flyback	0.708 x 941 inch	G084001LF	GCI
2	TP1, TP3	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
2	TP2, TP4	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U2	TPS61175PWP	IC, High Voltage/Current Bosst Converter	HTSSOP-14	TPS61175PWP	TI
1	U3	TCMT1107	IC, Photocoupler, CTR = 80% - 160%	MF4	TCMT1107	Vishay
1	U4	TL431A	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	Texas Instruments

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