

**PMP10077 Rev\_A BOM**

Quantity	Designator	Value	Description	PackageReference	PartNumber	Manufacturer
1	Cbyp	0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	C1608X7R1H104K	TDK
1	Cc	0.22uF	CAP, CERM, 0.22uF, 16V, +/-10%, X7R, 0603	0603	C1608X7R1C224K	TDK
1	Cc2	470pF	CAP, CERM, 470pF, 50V, +/-5%, C0G/NP0, 0603	0603	C1608C0G1H471J	TDK
3	Cff, Cin1, Csn	470pF, 1uF, 470pF	DNP	0603	DNP	DNP
1	Cin2	1uF	CAP, CERM, 1uF, 50V, +/-10%, X7R, 1206	1206	C3216X7R1H105K	TDK
1	Cin3	470uF	DNP	JC0	DNP	DNP
2	Co1, Co2	0.22uF	CAP, CERM, 0.22uF, 250V, +/-10%, X7R, 1210	1210	GRM32DR72E224KW01L	MuRata
1	Co3	DNP	CAP, CERM, 0.22uF, 250V, +/-10%, X7R, 1210	1210	DNP	DNP
1	D1	UF4007	Diode, Fast Rectifier, 1000V, 1A, TH	DO-41	UF4007	Fairchild
2	GND	Black	Test Point, Miniature, Black, TH	Black Miniature Testpoint	5001	Keystone
1	L1	1mH	Inductor, Drum Core, Ferrite, 1000uH, 0.35A, 3.9 ohm, SMD	10 x 12.7 mm	SDR1005-102KL	Bourns
1	Q1	IRF730	MOSFET, N-CH, 400V, 5.5A, TO-220AB	TO-220AB	IRF730	Vishay
2	R100, Rfbt	806k	RES, 806k ohm, 1%, 0.125W, 0805	0805	CRCW0805806KFKEA	Vishay-Dale
2	Rbyp, Rdr	10.0	RES, 10.0 ohm, 1%, 0.1W, 0603	0603	CRCW060310R0FKEA	Vishay-Dale
1	Rc	1.00k	RES, 1.00k ohm, 1%, 0.1W, 0603	0603	CRCW06031K00FKEA	Vishay-Dale
1	Rfa	221k	RES, 221k ohm, 1%, 0.1W, 0603	0603	CRCW0603221KFKEA	Vishay-Dale
1	Rfbb	10.2k	RES, 10.2k ohm, 1%, 0.1W, 0603	0603	CRCW060310K2FKEA	Vishay-Dale
1	Rsl	1.30k	RES, 1.30k ohm, 1%, 0.1W, 0603	0603	CRCW06031K30FKEA	Vishay-Dale
1	Rsn	0.082	RES, 0.082 ohm, 1%, 0.25W, 1206	1206	MCR18EZHFSR082	Rohm
1	U1	LM3478MM	High Efficiency Low-Side N-Channel Controller for Switching Regulator, 8-pin MSOP	MUA08A	LM3478MM	Texas Instruments
2	VIN, Vo	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone

**DNP = Do Not Populate**

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