

**PMP9018 Rev B Bill Of Materials**

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C1, C2	2	10uF	CAP ALUM 10UF 450V 20% RADIAL	10x20	450BXC10MEFCT810X20	Rubycon
C3	1	330uF	CAP ALUM 330UF 35V 20% RADIAL	10x20	UPJ1V331MPD1TD	Nichicon
C4	1	4.7uF	CAP, CERM, 4.7uF, 10V, +/-10%, X5R, 1206	1206	GRM31CR61A475KA01L	MuRata
C5	1	2200pF	CAP, CERM, 2200pF, 250V, +/-20%, KY, Radial D8x5mm	Radial D8x5mm	DE2E3KY222MA2BM01	MuRata
C6, C7, R10	3	DNP	Do Not Populate	0402	N/A	N/A
C8	1	1uF	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805	GRM21BR71H105KA12L	MuRata
D1	1	600V	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	MiniDIP	RH06-T	Diodes Inc.
D2	1	120V	Diode, TVS, Uni, 120V, 400W, SMA	SMA	SMAJ120A	Littelfuse
D3	1	1.05V	Diode, Ultrafast, 600V, 1A, SMA	SMA	MURA160T3G	ON Semiconductor
D4	1	0.35V	DIODE SCHOTTKY 200V 4A DO214AB	SMC	SK4200L-TP	Micro Commercial Co
D5	1	1.25V	Diode, Ultrafast, 100V, 0.15A, SOD-123	SOD-123	1N4148W-7-F	Diodes Inc.
F1	1		Fuse, 0.5A, 250V, TH	8.35x7.7x4mm	RST 500	Bel Fuse
L1	1	100uH	Inductor, Drum Core, Ferrite, 100uH, 0.32A, 3.5 ohm, SMD	ME3220	ME3220-104KLB	Coilcraft
Q1	1	800V	MOSFET N-CH 800V 1.8A DPAK	DPAK	FQD2N80TM	Fairchild Semiconductor
R1, R3	2	2.67MEG	RES, 1%, 0.25W, 1206	1206	STD	STD
R2	1	100	RES, 1%, 0.25W, 1206	1206	STD	STD
R4	1	49.9k	RES, 1%, 0.063W, 0402	0402	STD	STD
R5	1	0	RES, 1%, 0.063W, 0402	0402	STD	STD
R6	1	82.5k	RES, 1%, 0.063W, 0402	0402	STD	STD
R7	1	1k	RES, 1%, 0.063W, 0402	0402	STD	STD
R8	1	23.7k	RES, 1%, 0.063W, 0402	0402	STD	STD
R9	1	1	RES, 1%, 0.125W, 0805	0805	STD	STD
T1	1	700uH	Transformer, 700uH, TH	760x580x675mil	RLTI-1092	Renco Electronics
TP1, TP2	2	White	Test Point, Multipurpose, White, TH	White Multipurpose Testpoint	5012	Keystone
TP3	1	Red	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint	5010	Keystone
TP4	1	Black	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint	5011	Keystone
U1	1		Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, DBV0006A	DBV0006A	UCC28700DBV	Texas Instruments

Notes:

Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.

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