

PMP10168 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	DNP	DNP	TDK	CAP, CERM, 2200 pF, 250 V, +/- 20%, E, TH, 2-Leads, Body 11.5x7mm, Pin Spacing 10mm	TH, 2-Leads, Body 11.5x7mm, Pin Spacing 10mm
C2, C3	2	6.8uF	UCS2G6R8MPD	Nichicon	CAP, AL, 6.8 µF, 400 V, +/- 20%, ohm, TH	D10xL16mm
C4	1	2200pF	DNP	TDK	CAP, CERM, 2200 pF, 250 V, +/- 20%, E, TH, 2-Leads, Body 11.5x7mm, Pin Spacing 10mm	TH, 2-Leads, Body 11.5x7mm, Pin Spacing 10mm
C5	1	470uF	25ZLJ470M10X12.5	Rubycon	CAP, AL, 470 µF, 25 V, +/- 20%, 0.053 ohm, TH	2-Pin Radial, Dia 10 mm, Height 12.5 mm, Pin Spacing 5 mm
C6	1	1uF	12063C105KAT2A	AVX	CAP, CERM, 1 µF, 25 V, +/- 10%, X7R, 1206	1206
C7	1	DNP	DNP	Rubycon	CAP, AL, 47 µF, 25V	CAP, 8x11.5mm
C8	1	10uF	GRM31CR71C106KAC7L	MuRata	CAP, CERM, 10 µF, 16 V, +/- 10%, X7R, 1206	1206
C9	1	1.5uF	Used in BOM report	Used in BOM report	CAP, CERM, 1.5uF, 50V, X7R, 1206	Used in PnP output and some BOM reports
C10	1	SHORT	SHORT	TDK	CAP, CERM, 2200 pF, 250 V, +/- 20%, E, TH, 2-Leads, Body 11.5x7mm, Pin Spacing 10mm	TH, 2-Leads, Body 11.5x7mm, Pin Spacing 10mm
C11	1	4700pF	CD12ZU2GA472MYNKA	TDK	CAP, CERM, 4700 pF, 400V, Y1	TH, 2-Leads, Body 11.5x7mm, Pin Spacing 10mm
C102	1	180pF	06035A181JAT2A	AVX	CAP, CERM, 180 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
D1	1	120V	SMAJ120A	Littelfuse	Diode, TVS, Uni, 120 V, 400 W, SMA	SMA
D2	1	600V	DF06M	Diodes Inc.	Diode, Switching-Bridge, 600 V, 1 A, TH	Diodge Bridge
D3	1	600V	US1J-13-F	Diodes Inc.	Diode, Ultrafast, 600 V, 1 A, SMA	SMA
D4	1	100V	B2100-13-F	Diodes Inc.	Diode, Schottky, 100 V, 2 A, SMB	SMB
D5	1	60V	MBR0560-TP	Micro Commercial Component	Diode, Schottky, 60 V, 3 A, SOD-123	SOD-123
D6	1	200V	BAS21-7-F	Diodes Inc.	Diode, Switching, 200 V, 0.2 A, SOT-23	SOT-23
F1	1		37205000001	Littelfuse	Fuse, 0.5 A, 250 V, TH	TR5 fuse 8.5mm DIA
L1, L102	2	1mH	744732102	Wurth Elektronik eiSos	Inductor, Wirewound, Ferrite, 1mH, TH	D7.8xL7.5mm
Q1	1	FDD5N60N ZTM	FDD5N60NZTM	Used in BOM report	MOSFET, N-CH, 600V, xxxA, DPAK	DPAK
R1	1	0	CRCW12060000Z0EA	Vishay-Dale	RES, 0, 5%, 0.25 W, 1206	1206
R2	1	100	CRCW1206100RFKEA	Vishay-Dale	RES, 100, 1%, 0.25 W, 1206	1206
R3	1	4.99k	RC0603FR-074K99L	Yageo America	RES, 4.99 k, 1%, 0.1 W, 0603	0603
R4	1	33	CRCW080533R0JNEA	Vishay-Dale	RES, 33, 5%, 0.125 W, 0805	0805
R5	1	4.99k	CRCW06034K99FKEA	Vishay-Dale	RES, 4.99 k, 1%, 0.1 W, 0603	0603
R6	1	143k	CRCW0603143KFKEA	Vishay-Dale	RES, 143 k, 1%, 0.1 W, 0603	0603
R7	1	0	CRCW08050000Z0EA	Vishay-Dale	RES, 0, 5%, 0.125 W, 0805	0805
R8	1	30.1k	CRCW060330K1FKEA	Vishay-Dale	RES, 30.1 k, 1%, 0.1 W, 0603	0603
R8	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	0603
R9	1	1.50k	CRCW06031K50FKEA	Vishay-Dale	RES, 1.50 k, 1%, 0.1 W, 0603	0603
R11	1	0.82	ERJ-6RQFR82V	Panasonic	RES, 0.82, 1%, 0.125 W, 0805	0805
R12, R101	2	10.0k	CRCW120610K0FKEAHP	Vishay-Dale	RES, 10.0 k, 1%, 0.5 W, 1206	1206
RV1	1	DNP	S10K275E2	EPCOS Inc	Varistor 275V RMS 10MM Radial, TH	10mm Radial

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T1	1	400 uH	7508111329	Wurth Elektronik eiSos	Transformer, 400uH, TH	25x22.2mm
TP1, TP3, TP5, TP7	4	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP2	1	DNP	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
TP4, TP6	2	Double	1503-2	Keystone	Terminal, Turret, TH, Double	Keystone1503-2
U1	1		UCC28710D	Texas Instruments	Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, D0007A	D0007A

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