

**PMP11302 REV A Bill of Materials**

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB1	1		PMP11302	Any	Printed Circuit Board	
C1	1	0.1uF	06033C104JAT2A	AVX	CAP, CERM, 0.1 µF, 25 V, +/- 5%, X7R, 0603	0603
C2	1	1uF	C0603C105K4PACTU	Kemet	CAP, CERM, 1 µF, 16 V, +/- 10%, X5R, 0603	0603
C3	1	100pF	GRM31A5C2J101JW01D	MuRata	CAP, CERM, 100 pF, 630 V, +/- 5%, C0G/NP0, 1206	1206
C4, C8, C12	3	10uF	400BXC10MEFC10X20	Rubycon	CAP ALUM 10UF 20% 400V RADIAL	
C5	1	0.01uF	CC1206KRX7R9BB103	Yageo America	CAP, CERM, 0.01 µF, 50 V, +/- 10%, X7R, 1206	1206
C6	1	0.022uF	12065C223KAT2A	AVX	CAP, CERM, 0.022uF, 50V, +/-10%, X7R, 1206	1206
C9, C10	2	220pF	VJ1206A221JXGAT5Z	Vishay-Vitramon	CAP, CERM, 220 pF, 1000 V, +/- 5%, C0G/NP0, 1206	1206
C11	1	150uF	UPW1V151MPD	Nichicon	CAP ALUM 150UF 35V 20% RADIAL	8.0x10.5mm
D1	1	1000V	ES1M-TP	Micro Commercial Co	DIODE GEN PURP 1KV 1A DO214AC	SMA
D2, D5	2	12V	1SMA5927BT3G	ON Semiconductor	Diode, Zener, 12 V, 1.5 W, SMA	SMA
D3	1	1300V	BY255GP-E3/54	Vishay-Semiconductor	Diode, P-N, 1300 V, 3 A, TH	DO-201AD
D6	1	300V	SMBJ300A	Littelfuse Inc.	TVS DIODE 300VWM 486VC SMB	SMB
D7	1	200V	1SMB5956BT3G	ON Semiconductor	Diode, Zener, 200 V, 550 mW, SMB	SMB
D10	1	1000V	US1M-E3/5AT	Vishay	DIODE GEN PURP 1KV 1A DO214AC	SMA
F1	1		RST 500	Bel Fuse	Fuse, 0.5 A, 250 V, TH	8.35x7.7x4mm
L1	1		7447728102	Würth Elektronik	FIXED IND 1MH 300MA TH	Dia 8.5x5.5mm
Q1	1	650V	STD8N65M5	STMicroelectronics	MOSFET N-CH 650V 7A DPAK	DPAK
R1, R3	2	1.50k	CRCW12061K50FKEA	Vishay-Dale	RES, 1.50 k, 1%, 0.25 W, 1206	1206
R2	1	100	CRCW1206100RFKEA	Vishay-Dale	RES, 100, 1%, 0.25 W, 1206	1206
R4	1	237k	RC0603FR-07237KL	Yageo America	RES, 237 k, 1%, 0.1 W, 0603	0603
R5, R7, R10, R14, R16, R18	6	1.0Meg	CRCW06031M00JNEA	Vishay-Dale	RES, 1.0 M, 5%, 0.1 W, 0603	0603
R6, R9, R12, R15	4	470k	CRCW0805470KJNEA	Vishay-Dale	RES, 470 k, 5%, 0.125 W, 0805	0805
R8	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0k ohm, 1%, 0.1W, 0603	0603
R11, R13	2	10.0	CRCW120610R0FKEA	Vishay-Dale	RES, 10.0, 1%, 0.25 W, 1206	1206
R17	1	0	CRCW08050000Z0EA	Vishay-Dale	RES, 0, 5%, 0.125 W, 0805	0805
TP1, TP4, TP5	3	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP2, TP3, TP6	3	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		TLV70450DBVT	Texas Instruments	Single Output LDO, 150 mA, Fixed 5 V Output, 2.5 to 24 V Input, with Ultra-Low IQ, 5-pin SOT-23 (DBV), -40 to 125 degC, Green (RoHS & no Sb/Br)	DBV0005A
U2	1		UCC28881DR	Texas Instruments	700-V Lowest Quiescent Current Off-Line Switcher, D0007A	D0007A
C7	0	1000pF	06035A102KAT2A	AVX	CAP, CERM, 1000 pF, 50 V, +/- 10%, C0G/NP0, 0603	0603

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