

## PMP11236 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB1	1		PMP11236	Any	Printed Circuit Board	
C1	1	0.01uF	C0603C103K5RACTU	Kemet	CAP, CERM, 0.01 $\mu$ F, 50 V, +/- 10%, X7R, 0603	0603
C2	1	0.1uF	06033C104JAT2A	AVX	CAP, CERM, 0.1 $\mu$ F, 25 V, +/- 5%, X7R, 0603	0603
C3	1	1uF	C0603C105K4PACTU	Kemet	CAP, CERM, 1 $\mu$ F, 16 V, +/- 10%, X5R, 0603	0603
C4	1	0.022uF	12065C223KAT2A	AVX	CAP, CERM, 0.022uF, 50V, +/-10%, X7R, 1206	1206
C5, C6, C8, C9	4	6.8uF	400AX6R8M8x11	Rubycon	CAP, AL, 6.8 $\mu$ F, 400 V, +/- 20%, TH	8x11
C7	1	150uF	UPW1V151MPD	Nichicon	CAP ALUM 150UF 35V 20% RADIAL	8.0x10.5mm
D1	1	800V	ES1K-TP	Diodes Inc.	DIODE GEN PURP 800V 1A DO214AC	SMA
D2	1	12V	1SMA5927BT3G	ON Semiconductor	Diode, Zener, 12 V, 1.5 W, SMA	SMA
D3	1	1000V	DF10SA	Vishay-Semiconductor	Diode, Switching-Bridge, 1000 V, 1 A, DF-S	DF-S
D4	1	800V	US1K-13-F	Diodes Inc.	Diode, Fast Rectifier, 800 V, 1 A, SMA	SMA
F1	1		RST 500	Bel Fuse	Fuse, 0.5 A, 250 V, TH	8.35x7.7x4mm
L1	1	1mH	7447462102	Würth Elektronik	Inductor, Unshielded Drum Core, Ferrite, 1 mH, 0.25 A, 4.38 ohm, TH	D6 x 8.5mm
L2	1		7447728102	Würth Elektronik	FIXED IND 1MH 500MA 1.67 OHM TH	Dia 8.5x5.5mm
R1	1	237k	RC0603FR-07237KL	Yageo America	RES, 237 k, 1%, 0.1 W, 0603	0603
R2, R4	2	1.50k	CRCW12061K50FKEA	Vishay-Dale	RES, 1.50 k, 1%, 0.25 W, 1206	1206
R3	1	100	CRCW1206100RFKEA	Vishay-Dale	RES, 100, 1%, 0.25 W, 1206	1206
R5	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0k ohm, 1%, 0.1W, 0603	0603
R6, R7, R8, R9, R10, R11, R14, R15	8	1.0Meg	CRCW06031M00JNEA	Vishay-Dale	RES, 1.0 M, 5%, 0.1 W, 0603	0603
TP1, TP3, TP4	3	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP2, TP5, 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		UCC28881	Texas Instruments	700-V Lowest Quiescent Current Off-Line Switcher, D0007A	D0007A

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