

**PMP20212 REV B Bill of Materials**

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1				CAP, open, 1206	1206
C2	1	10uF	GRM21BC71E106KE11L	MuRata	CAP, CERM, 10 µF, 25 V, +/- 10%, X7S, 0805	0805
C3	1	0.01uF	C2012X7R2E103K	TDK	CAP, CERM, 0.01 µF, 250 V, +/- 10%, X7R, 0805	0805
C4, C5	2	0.1uF	C2012X7T2E104K125AA	TDK	CAP, CERM, 0.1 µF, 250 V, +/- 10%, X7T, 0805	0805
C6	1	0.022uF	GRM188R71H223KA01D	MuRata	CAP, CERM, 0.022 µF, 50 V, +/- 10%, X7R, 0603	0603
C7	1	47pF	GRM1885C1H470JA01D	MuRata	CAP, CERM, 47 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C8	1	1uF	C1608X7R1C105K	TDK	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	0603
C9	1	1uF	GRM21BR71H105KA12L	MuRata	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805
C10	1	1000pF	C1608X7R1H102K	TDK	CAP, CERM, 1000pF, 50V, +/-10%, X7R, 0603	0603
D1, D2, D3	3	200V	DFLU1200-7	Diodes Inc.	Diode, Superfast Rectifier, 200 V, 1 A, AEC-Q101, PowerDI123	PowerDI123
J1, J2	2		ED555/2DS	On-Shore Technology	Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm
L1	1	1mH	LPS4012-105MLB	Coilcraft	Inductor, Shielded Drum Core, Ferrite, 1 mH, 0.1 A, 21.5 ohm, SMD	LPS4012
Q1	1	200V	SIA456DJ-T1-GE3	Vishay-Siliconix	MOSFET, N-CH, 200 V, 2.6 A, PowerPAK SC-70	PowerPAK SC-70
R1	1	10	CRCW060310R0JNEA	Vishay-Dale	RES, 10 ohm, 1%, 0.1W, 0603	0603
R2	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9 ohm, 1%, 0.1W, 0603	0603
R3, R100, R101	3	1.00Meg	CRCW08051M00FKEA	Vishay-Dale	RES, 1.00 M, 1%, 0.125 W, 0805	0805
R4	1	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100k ohm, 1%, 0.1W, 0603	0603
R5	1	3.3	CRCW06033R30JNEA	Vishay-Dale	RES, 3.3, 5%, 0.1 W, 0603	0603
R6	1	221	CRCW0603221RFKEA	Vishay-Dale	RES, 221 ohm, 1%, 0.1W, 0603	0603
R7	1	2.00	CRCW06032R00FKEA	Vishay-Dale	RES, 2.00, 1%, 0.1 W, 0603	0603
R8	1	16.2k	CRCW060316K2FKEA	Vishay-Dale	RES, 16.2 k, 1%, 0.1 W, 0603	0603
R9	1	80.6k	CRCW060380K6FKEA	Vishay-Dale	RES, 80.6 k, 1%, 0.1 W, 0603	0603
R10	1	215k	CRCW0603215KFKEA	Vishay-Dale	RES, 215k ohm, 1%, 0.1W, 0603	0603
R11	1	19.6k	CRCW060319K6FKEA	Vishay-Dale	RES, 19.6k ohm, 1%, 0.1W, 0603	0603
R102	1	60.4k	CRCW060360K4FKEA	Vishay-Dale	RES, 60.4 k, 1%, 0.1 W, 0603	0603
TP1, TP3, TP4, TP6, TP8	5	Red	5000	Keystone	Test Point, TH, Miniature, Red	Keystone5000
TP2, TP5, TP7	3	Black	5001	Keystone	Test Point, TH, Miniature, Black	Keystone5001
U1	1		LM3481MM	Texas Instruments	High Efficiency Low-Side N-Channel Controller for Switching Regulators, 10-pin MSOP	MUB10A

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