

## PMP20278 REV B Bill of Materials

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			PMP20278 REV B Bill of Materials 11451 NOIVIEN 15			
Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C18	1	47pF	GRM1885C1H470JA01D	MuRata	CAP, CERM, 47 pF, 50 V, +/- 5%, C0G/NP0, 0603	603
C19	1	100pF	GRM1885C1H101JA01D	MuRata	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0603	603
23	1	330pF	GRM1885C1H331JA01D	MuRata	CAP, CERM, 330 pF, 50 V, +/- 5%, C0G/NP0, 0603	603
C12	1	3300pF	GRM188R71H332KA01D	MuRata	CAP, CERM, 3300 pF, 50 V, +/- 10%, X7R, 0603	603
16, C20	2	0.047uF	GRM188R71E473KA01D	MuRata	CAP, CERM, 0.047 µF, 25 V, +/- 10%, X7R, 0603	603
21	1	0.068uF	C1608X7R1H683K080AA	TDK	CAP, CERM, 0.068 µF, 50 V, +/- 10%, X7R, 0603	603
15	1	100pF	GRM21A5C2E101JW01D	MuRata	CAP, CERM, 100 pF, 250 V, +/- 5%, C0G/NP0, 0805	805
24, C6	2	0.1uF	C2012X7R2A104K125AA	TDK	CAP, CERM, 0.1 µF, 100 V, +/- 10%, X7R, 0805	805
C11, C17, C22	3	1uF	C0805C105K4RACTU	Kemet	CAP, CERM, 1 μF, 16 V, +/- 10%, X7R, 0805	805
2, C3	2	2.2uF	GRM32ER72A225KA35L	MuRata	CAP, CERM, 2.2 µF, 100 V, +/- 10%, X7R, 1210	1210
8, C9, C10	3	47uF	GRM32ER61A476KE20L	MuRata	CAP, CERM, 47 µF, 10 V, +/- 10%, X5R, 1210	1210
C1, C13	2	2200pF	C4532X7R3D222K130KA	TDK	CAP, CERM, 2200 pF, 2000 V, +/- 10%, X7R, 1812	1812
C14	1	10uF	EEE-FK1H100UR	Panasonic	CAP, AL, 10 μF, 50 V, +/- 20%, 1.52 ohm, SMD	SMT Radial C
7	1	330uF	EEE-FK0J331P	Panasonic	CAP, AL, 330 µF, 6.3 V, +/- 20%, 0.26 ohm, SMD	SMT Radial E
55	1	47uF	EEE-FK1J470P	Panasonic	CAP, AL, 47 µF, 63 V, +/- 20%, 0.65 ohm, SMD	SMT Radial F
)1	1	17 41	MURA120T3G	ON Semiconductor	Diode, Ultrafast, 200 V, 1 A, SMA	SMA
)2	1		MMSD4148T1G	ON Semiconductor	Diode, Switching, 100V, 0.2A, SOD-123	SOD-123
)3	1		STPS30L30CG-TR	STMicroelectronics	Diode, Schottky, 30 V, 30 A, DDPAK	DDPAK
)4	1		BAT54S-7-F	Diodes Inc.	Diode, Schottky, 30V, 0.2A, SOT-23	SOT-23
5	1		MMSD4148T1G	ON Semiconductor	Diode, Switching, 100 V, 0.2 A, SOD-123	SOD-123
1, J2	2		ED555/2DS	On-Shore Technology	Terminal Block, 3.5mm Pitch, 2x1, TH	7.0x8.2x6.5mm
1		3.3uH	LPS3015-332MLB	Coilcraft	Inductor, Shielded Drum Core, Ferrite, 3.3 µH, 1.4 A, 0.13 ohm, SMD	LPS3015
2	1	330nH	XAL5030-331MEB	Coilcraft	Inductor, Shielded Drum Core, Fernite, 3.5 µ1, 1.4 Å, 0.13 ohin, SMD	5.3x31.x5.5mm
<u>2</u> )1	1	3301111	FDMS86252	Fairchild Semiconductor	MOSFET, N-CH, 150 V, 4.6 A, PQFN08A	PQFN08A
18	1	0	ERJ-3GEY0R00V	Panasonic	RES, 0, 5%, 0.1 W, 0603	603
	1 1	4.7	CRCW06034R70JNEA	Vishay-Dale	RES, 4.7, 5%, 0.1 W, 0603	603
R18	1	200	CRCW060341705NEA	Vishay-Dale Vishay-Dale	RES, 200, 1%, 0.1 W, 0603	603
R12	1 1	750	CRCW0603750RFKEA	Vishay-Dale Vishay-Dale	RES, 750, 1%, 0.1 W, 0603	603
216	1	1.00k	CRCW0603750KFKEA	Vishay-Dale Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, 0603	603
R7	1	1.50k	CRCW06031K50FKEA	Vishay-Dale Vishay-Dale	RES, 1.50 k, 1%, 0.1 W, 0603	603
R17	1	3.24k	CRCW06031K30FKEA	Vishay-Dale Vishay-Dale	RES, 3.24 k, 1%, 0.1 W, 0603	603
114	1	4.99k	CRCW06033K24FKEA	Vishay-Dale Vishay-Dale	RES, 4.99 k, 1%, 0.1 W, 0603	603
113, R15	2	4.99k 10.0k	CRCW06034K99FKEA	Vishay-Dale Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	603
.13, K15 .9	1	26.7k	CRCW060310K0FKEA	Vishay-Dale Vishav-Dale		603
	1		CRCW060326K7FKEA		RES, 26.7 k, 1%, 0.1 W, 0603 RES, 60.4 k, 1%, 0.1 W, 0603	
110	_	60.4k		Vishay-Dale		603
13 11	1	4.7	CRCW08054R70JNEA	Vishay-Dale	RES, 4.7, 5%, 0.125 W, 0805	805
	1	20k	CRCW080520K0JNEA	Vishay-Dale	RES, 20 k, 5%, 0.125 W, 0805	805
2	1	51k	CRCW080551K0JNEA	Vishay-Dale	RES, 51 k, 5%, 0.125 W, 0805	805
11	1	0.1	ERJ-8BWFR100V	Panasonic	RES, 0.1, 1%, 0.5 W, 1206	1206
4	1	10	ERJ-1TYJ100U	Panasonic	RES, 10, 5%, 1 W, 2512	2512
86	1	75	CRCW251275R0JNEG	Vishay-Dale	RES, 75, 5%, 1 W, AEC-Q200 Grade 0, 2512	2512
1	1		POE300F-50LB	Coilcraft	Transformer, 42 uH, SMT	21x20.57mm
11	1	ļ	LM5021MM-1	Texas Instruments	AC-DC Current Mode PWM Controller, 8-pin MSOP	MUA08A
J2	1		HMHA2801A	Fairchild Semiconductor	Optocoupler, 3.75kV RMS, SMT	Mini Flat Package
J3	1		TLV431AIDBVR	Texas Instruments	LOW-VOLTAGE ADJUSTABLE PRECISION SHUNT REGULATOR, DBV0005A	DBV0005A

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