

Filename: PMP11773RevB - BoM.xls
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PMP11773 REV B Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C4, C7, C11, C16, C20	5	1uF	GRM188R71E105KA12D	MuRata	CAP, CERM, 1 µF, 25 V, +/- 10%, X7R, 0603	0603
2	C5	1	100uF	EEHZA1H101P	Panasonic	CAP, Polymer Hybrid, 100 µF, 50 V, +/- 20%, 28 ohm, 10x10 SMD	10x10
3	C6, C8, C21	3	0.1uF	GCM188R71H104KA57D	MuRata	CAP, CERM, 0.1 µF, 50 V, +/- 10%, X7R, 0603	0603
4	C9, C10	2	100uF	EEHZA1E101XP	Panasonic	CAP, Polymer Hybrid, 100 µF, 25 V, +/- 20%, 30 ohm, 6.3x7.7 SMD	6.3x7.7
5	C15	1	100pF	GRM1885C1H101JA01D	MuRata	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
6	C17	1	0.022uF	GRM188R71H223KA01D	MuRata	CAP, CERM, 0.022 µF, 50 V, +/- 10%, X7R, 0603	0603
7	C18	1	2.2uF	GRM188R71A225KE15D	MuRata	CAP, CERM, 2.2 µF, 10 V, +/- 10%, X7R, 0603	0603
8	D1, D4	2	50V	SS5P5	Vishay-Semiconductor	Diode, Schottky, 50 V, 5 A, TO-277A	TO-277A
9	J1, J2, J3, J4	4	Double	1502-2	Keystone	Terminal, Turret, TH, Double	Keystone1502-2
10	L1	1	15uH	MSS1278-153MLB	Coilcraft	Inductor, Shielded Drum Core, Ferrite, 15 µH, 4.9 A, 0.03 ohm, SMD	MSS1278
11	Q1, Q2	2	40V	SIR836DP-T1-GE3	Vishay-Siliconix	MOSFET, N-CH, 40 V, 21 A, PowerPAK SO-8	PowerPAK SO-8
12	R1	1	75.0k	CRCW060375K0FKEA	Vishay-Dale	RES, 75.0 k, 1%, 0.1 W, 0603	0603
13	R2	1	1.00Meg	CRCW06031M00FKEA	Vishay-Dale	RES, 1.00 M, 1%, 0.1 W, 0603	0603
14	R3	1	29.4k	CRCW060329K4FKEA	Vishay-Dale	RES, 29.4 k, 1%, 0.1 W, 0603	0603
15	R4	1	75.0	CRCW060375R0FKEA	Vishay-Dale	RES, 75.0, 1%, 0.1 W, 0603	0603
16	R5, R10, R11	3	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
17	R7	1	18.2k	CRCW060318K2FKEA	Vishay-Dale	RES, 18.2 k, 1%, 0.1 W, 0603	0603
18	R8	1	8.45k	CRCW06038K45FKEA	Vishay-Dale	RES, 8.45 k, 1%, 0.1 W, 0603	0603
19	R9	1	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, 0603	0603
20	R12	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9, 1%, 0.1 W, 0603	0603
21	R13	1	0.03	CSRN2010FK30L0	Stackpole Electronics Inc	RES, 0.03, 1%, 1 W, 2010	2010
22	TP1	1	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
23	TP4, TP5, TP6	3	White	5002	Keystone	Test Point, Miniature, White, TH	White Miniature Testpoint
24	U1	1		LM25118Q1MHX/NOPB	Texas Instruments	Wide Voltage Range Buck-Boost Controller, PWP0020A	PWP0020A

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