

Variant: 001  
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**PMP15007 REV E1 Bill of Materials**

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPCB1	1		PMP15007	Any	Printed Circuit Board	
2	C1	1	2200pF	202S41W222KV4E	Johanson Technology	CAP, CERM, 2200 pF, 2000 V, +/- 10%, X7R, 1210	1210
3	C2, C3, C12, C13	4	10uF	C3216X7R1E106M160AE	TDK	CAP, CERM, 10 µF, 25 V, +/- 20%, X7R, 1206_190	1206_190
4	C4	1	0.01uF	GRM188R71C103KA01D	MuRata	CAP, CERM, 0.01uF, 16V, +/-10%, X7R, 0603	0603L
5	C5	1	1000pF	GRM188R72A102KA01D	MuRata	CAP, CERM, 1000 pF, 100 V, +/- 10%, X7R, 0603	0603
6	C8, C9	2	2.2uF	GRM31CR72A225KA73L	MuRata	CAP, CERM, 2.2 µF, 100 V, +/- 10%, X7R, 1206_190	1206_190
7	C10	1	0.1uF	GRM188R72A104KA35D	MuRata	CAP, CERM, 0.1 µF, 100 V, +/- 10%, X7R, 0603	0603
8	C11	1	0.01uF	C0603X103K5RACTU	Kemet	CAP, CERM, 0.01 µF, 50 V, +/- 10%, X7R, 0603	0603
9	C14	1	0.082uF	0603YC823KA2A	AVX	CAP, CERM, 0.082 µF, 16 V, +/- 10%, X7R, 0603	0603
10	C15	1	1uF	C1608X7R1C105K	TDK	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	0603L
11	D1	1	100V	MBR1H100SFT3G	ON Semiconductor	Diode, Schottky, 100 V, 1 A, SOD-123FL	SOD-123FL
12	H1, H2, H3, H4	4		SJ5382	3M	Bumpon, Hemisphere, 0.25 X 0.075, Clear	75x250 mil
13	J1, J2, J3, J4, J5, J6	6		1573-2	Keystone	Terminal, Turret, TH, Double	Keystone1573-2
14	L1	1	33uH	LPD8035V-333MR	Coilcraft	Coupled inductor, 33 µH, SMD	eg: 0603, used in PnP report
15	R1, R3	2	0	CRCW08050000Z0EA	Vishay-Dale	RES, 0 ohm, 5%, 0.125W, 0805	0805
16	R2	1	1.00k	CRCW08051K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.125 W, 0805	0805
17	R4	1	169k	CRCW0603169KFKEA	Vishay-Dale	RES, 169 k, 1%, 0.1 W, 0603	0603
18	R5	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	0603
19	R6	1	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, 0603	0603
20	R7	1	3.48k	CRCW06033K48FKEA	Vishay-Dale	RES, 3.48 k, 1%, 0.1 W, 0603	0603
21	R10	1	2.00k	CRCW06032K00FKEA	Vishay-Dale	RES, 2.00k ohm, 1%, 0.1W, 0603	0603L
22	TP1	1		5015	Keystone	Test Point, Miniature, SMT	Testpoint_Keystone_Miniature
23	TP2	1		1040	Keystone	TEST POINT SLOTTED .118", TH	Test point, TH Slot Test point
24	U1	1		LM5161QPWPRQ1	Texas Instruments	Wide Input 100V, 1A Synchronous Step-Down DC-DC Converter, PWP0014A	PWP0014A
25	C17	0	2200pF	202S41W222KV4E	Johanson Technology	CAP, CERM, 2200 pF, 2000 V, +/- 10%, X7R, 1210	1210
26	D2	0	40V	SD103AWS-7-F	Diodes Inc.	Diode, Schottky, 40 V, 0.35 A, SOD-323	SOD-323
27	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
28	LBL1	0		THT-13-457-10	Brady	Thermal Transfer Printable Labels, 1.250" W x 0.250" H - 10,000 per roll	PCB Label 1.25"H x 0.250"W
29	R9	0	5.23k	CRCW06035K23FKEA	Vishay-Dale	RES, 5.23 k, 1%, 0.1 W, 0603	0603

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