

Variant: 001
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PMP40071 REV 1.0 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C2, C5, C13, C22	4	10uF	GRM21BZ71E106KE15L	MuRata	CAP, CERM, 10 µF, 25 V, +/- 10%, X7R, 0805	0805
2	C3, C14	2	0.1uF	GRM155R71C104KA88D	MuRata	CAP, CERM, 0.1 µF, 16 V, +/- 10%, X7R, 0402	0402
3	C6, C7, C8, C10, C18, C19, C20, C21	8	22uF	GRM31CR70J226KE19L	MuRata	CAP, CERM, 22 µF, 6.3 V, +/- 10%, X7R, 1206	1206
4	C9, C15	2	56pF	GRM1555C1H560JA01D	MuRata	CAP, CERM, 56 pF, 50 V, +/- 5%, C0G/NP0, 0402	0402
5	C11, C16	2	4.7uF	CL10B475KQ8NQND	Samsung	CAP, CERM, 4.7 µF, 6.3 V, +/- 10%, X7R, 0603	0603
6	C12, C17	2	0.01uF	GRM155R71C103KA01D	MuRata	CAP, CERM, 0.01 µF, 16 V, +/- 10%, X7R, 0402	0402
7	L1, L3	2	1uH	PIRB074B-1R0MS	Cynotec	Inductor, 1 µH, 13.5 A, 0.0033 ohm, SMD	7.7x8mm
8	L2	1	400nH	XAL4020-401MEB	Coilcraft	Inductor, Shielded, Composite, 400 nH, 12.5 A, 0.01 ohm, SMD	4x2.1x4mm
9	R1, R5	2	12.4k	CRCW040212K4FKED	Vishay-Dale	RES, 12.4 k, 1%, 0.063 W, 0402	0402
10	R2, R3, R6, R7, R8, R10	6	10.0k	CRCW040210K0FKED	Vishay-Dale	RES, 10.0 k, 1%, 0.063 W, 0402	0402
11	R4, R9	2	200k	CRCW0402200KFKED	Vishay-Dale	RES, 200 k, 1%, 0.063 W, 0402	0402
12	R11, R12	2	2.43k	CRCW04022K43FKED	Vishay-Dale	RES, 2.43 k, 1%, 0.063 W, 0402	0402
13	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9	9		3104-2-00-34-00-00-08-0	Mill-Max	PCB Pin, Swage Mount, TH	3104-2
14	U1, U2	2		TPS56C215RNNR	Texas Instruments	4.5V to 17V Input, 12A Synchronous Step-Down Converter, RNN0017A	RNN0017A

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