

**PMP9008 REVB Bill of Materials**

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C4	1	0.01uF	CAP, CERM, 0.01uF, 25V, +/-10%, X7R, 0402	0402	Std	Std
C2, C11, C17	3	1000pF	CAP, CERM, 1000pF, 50V, +/-10%, X7R, 0402	0402	Std	Std
C5	1	1uF	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603	Std	Std
C6	1	4.7uF	CAP, CERM, 4.7uF, 10V, +/-20%, X5R, 0402	0402	Std	Std
C7	1	1uF	CAP, CERM, 1uF, 10V, +/-10%, X5R, 0402	0402	Std	Std
C8, C16	2	0.1uF	CAP, CERM, 0.1uF, 25V, +/-5%, X7R, 0603	0603	Std	Std
C9, C10	2	560uF	CAP, TA, 560uF, 2V, +/-10%, 0.005 ohm, SMD	7.3x1.8x4.3mm	EEFLX0D561R4	Panasonic
C12, C13, C14, C15	4	10uF	CAP, CERM, 10uF, 25V, +/-10%, X7R, 1206	1206	Std	Std
C18, C19	2	22uF	CAP, CERM, 22uF, 6.3V, +/-20%, X5R, 0805	0805	Std	Std
C20	1	330pF	CAP, CERM, 330pF, 50V, +/-5%, C0G/NP0, 0402	0402	Std	Std
J1	1		Header (shrouded), 100mil, 5x2, Gold, TH	5x2 Shrouded header	5103308-1	TE Connectivity
J2	1		TERMINAL BLOCK 5.08MM VERT 2POS	TERM_BLK, 2pos	ED120/2DS	On-Shore Technology
L1	1	400nH	Inductor, Shielded, Composite, 400nH, 36.8A, 0.0004 ohm, SMD	10x6x11.3mm	XAL1060-401MEB	Coilcraft
Q1	1	0.2V	Transistor, NPN, 40V, 0.2A, SOT-23	SOT-23	MMBT3904	Std
R1	1	100k	RES, 100k ohm, 1%, 0.063W, 0402	0402	Std	Std
R3, R10, R17	1	0	RES, 0 ohm, 5%, 0.063W, 0402	0402	Std	Std
R6	1	20.0k	RES, 20.0k ohm, 1%, 0.063W, 0402	0402	Std	Std
R7, R13, R15	3	49.9	RES, 49.9 ohm, 1%, 0.063W, 0402	0402	Std	Std
R8, R11, R12	3	38.3k	RES, 38.3k ohm, 1%, 0.063W, 0402	0402	Std	Std
R9	1	30.1k	RES, 30.1k ohm, 1%, 0.063W, 0402	0402	Std	Std
R14	1	2.2	RES, 2.2 ohm, 5%, 0.063W, 0402	0402	Std	Std
R16	1	1	RES, 1.0 ohm, 5%, 0.25W, 1206	1206	Std	Std
T1, T2	2	50A	Terminal 50A Lug	CB35-36-CY	CB35-36-CY	Panduit
TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8	8	Red	Test Point, Miniature, Red, TH	Red	5000	Keystone
TP9, TP10, TP11	3	Black	Test Point, Miniature, Black, TH	Black	5001	Keystone
U1	1	TPS544C20RVF	TPS544C20 18V, 30A PMBUS SYNCHRONOUS BUCK CONVERTERS, RVF0040A	RVF0040A	TPS544C20RVF	Texas Instruments

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