

PMP10002_RevB BOM

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C1	1	2200pF	CAP, CERM, 2200pF, 50V, +/-10%, X7R, 0603	0603	C0603C222K5RACTU	Kemet
C2, C4	2	10uF	CAP, CERM, 10uF, 10V, +/-10%, X7R, 0805	0805	GRM21BR71A106KE51 L	MuRata
C3	1	4.7uF	CAP, CERM, 4.7uF, 10V, +/-20%, X7R, 0805	0805	C2012X7R1A475M	TDK
C5, C11	2	0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	06035C104KAT2A	AVX
C6, C7, C8, C9	4	47uF	CAP, CERM, 47uF, 6.3V, +/-20%, X5R, 1210	1210	C3225X5R0J476M	TDK
C10	1	22uF	CAP, CERM, 22uF, 10V, +/-20%, X5R, 1210	1210	C3225X5R1A226M	TDK
C12	1	DNP	CAP, CERM, 10pF, 50V, +/-5%, C0G/NP0, 0603	0603	06035A100JAT2A	AVX
C13	1	47pF	CAP, CERM, 47pF, 50V, +/-5%, C0G/NP0, 0603	0603	06035A470JAT2A	AVX
C14	1	0.022uF	CAP, CERM, 0.022uF, 50V, +/-10%, X7R, 0603	0603	GRM188R71H223KA01 D	MuRata
C15	1	0.01uF	CAP, CERM, 0.01uF, 50V, +/-10%, X7R, 0603	0603	GRM188R71H103KA01 D	MuRata
J1, J2	2		Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm	ED555/2DS	On-Shore Technology
L1	1	2.2uH	Inductor, Shielded Drum Core, Ferrite, 2.2uH, 1.4A, 0.05 ohm, SMD	LPS6225	LPS6225-222MLB	Coilcraft
R1	1	4.7	RES, 4.7 ohm, 5%, 0.125W, 0805	0805	CRCW08054R70JNEA	Vishay-Dale
R2	1	49.9	RES, 49.9 ohm, 1%, 0.1W, 0603	0603	CRCW060349R9FKEA	Vishay-Dale
R3	1	10.7k	RES, 10.7k ohm, 1%, 0.1W, 0603	0603	CRCW060310K7FKEA	Vishay-Dale
R4	1	6.65k	RES, 6.65k ohm, 1%, 0.1W, 0603	0603	CRCW06036K65FKEA	Vishay-Dale
R5	1	20k	RES, 20k ohm, 5%, 0.1W, 0603	0603	CRCW060320K0JNEA	Vishay-Dale
R6	1	100k	RES, 100k ohm, 1%, 0.1W, 0603	0603	CRCW0603100KFKEA	Vishay-Dale
R7	1	35.7k	RES, 35.7k ohm, 1%, 0.1W, 0603	0603	CRCW060335K7FKEA	Vishay-Dale
R8	1	4.02k	RES, 4.02k ohm, 1%, 0.1W, 0603	0603	CRCW06034K02FKEA	Vishay-Dale
R9	1	86.6k	RES, 86.6k ohm, 1%, 0.1W, 0603	0603	CRCW060386K6FKEA	Vishay-Dale
TP1, TP3, TP5, TP6	4	Red	Test Point, Miniature, Red, TH	Red Miniature Testpoint	5000	Keystone
TP2, TP4	2	Black	Test Point, Miniature, Black, TH	Black Miniature Testpoint	5001	Keystone
U1	1	TPS57112-Q1	IC, DC-DC Converter, xxV xx V, xA	QFN-16	TPS54412RTE	TI

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