

PMP30122 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	0.1uF	GRM188R71E104KA01D	MuRata	CAP, CERM, 0.1 μ F, 25 V, +/- 10%, X7R, 0603	0603
C2	1	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1 μ F, 50 V, +/- 10%, X7R, 0603	0603
C3, C4	2	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10 μ F, 50 V, +/- 10%, X7R, 1210	1210
C6	1	100pF	GRM1885C1H101JA01D	MuRata	CAP, CERM, 100 pF, 50 V, +/- 5%, COG/NP0, 0603	0603
C7, C8	2	2.2uF	GRM32ER72A225KA35L	MuRata	CAP, CERM, 2.2 μ F, 100 V, +/- 10%, X7R, 1210	1210
C9	1	22pF	GRM1885C1H220JA01D	MuRata	CAP, CERM, 22 pF, 50 V, +/- 5%, COG/NP0, 0603	0603
C10	1	2200pF	GRM188R71E222KA01D	MuRata	CAP, CERM, 2200 pF, 25 V, +/- 10%, X7R, 0603	0603
C12	1	0.033uF	GRM188R71E333KA01D	MuRata	CAP, CERM, 0.033 μ F, 25 V, +/- 10%, X7R, 0603	0603
C13, C14	2	0.1uF	C2012X7R2A104K125AA	TDK	CAP, CERM, 0.1 μ F, 100 V, +/- 10%, X7R, 0805	0805
D2	1	60V	B360A-13-F	Diodes Inc.	Diode, Schottky, 60 V, 3 A, SMA	SMA
J1, J2	2		ED555/2DS	On-Shore Technology	Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm
L1	1	3.3uH	DR74-3R3-R	Coiltronics	Inductor, Shielded Drum Core, Ferrite, 3.3 μ H, 3.94 A, 0.0183 ohm	DR74 SMD
L2	1	220uH	MSS1260-224KLB	Coilcraft	Inductor, Shielded Drum Core, Ferrite, 220 μ H, 1.42 A, 0.31 ohm	MSS1260 SMD
R1	1	48.7k	CRCW060348K7FKEA	Vishay-Dale	RES, 48.7 k, 1%, 0.1 W, 0603	0603
R2	1	10.0	CRCW080510R0FKEA	Vishay-Dale	RES, 10.0, 1%, 0.125 W, 0805	0805
R3	1	301k	CRCW0603301KFKEA	Vishay-Dale	RES, 301 k, 1%, 0.1 W, 0603	0603
R8	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9, 1%, 0.1 W, 0603	0603
R10	1	340k	CRCW0603340KFKEA	Vishay-Dale	RES, 340 k, 1%, 0.1 W, 0603	0603
R11	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R12	1	681k	CRCW0603681KFKEA	Vishay-Dale	RES, 681 k, 1%, 0.1 W, 0603	0603
R13	1	23.2k	CRCW060323K2FKEA	Vishay-Dale	RES, 23.2 k, 1%, 0.1 W, 0603	0603
TP10	1	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
TP13	1	Orange	5003	Keystone	Test Point, Miniature, Orange, TH	Orange Miniature Testpoint
TP14	1	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
U1	1		TPS54160ADGQR	Texas Instruments	1.5-A, 60-V, Step-Down DC/DC Converter with Eco-mode,	DGQ0010D

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