

## PMP10152 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1, C2	2	10uF	1210YD106KAT2A	AVX	CAP, CERM, 10 $\mu$ F, 16 V, +/- 10%, X5R, 1210	1210
C3	1	2200pF	06031C222JAT2A	AVX	CAP, CERM, 2200 pF, 100 V, +/- 5%, X7R, 0603	0603
C4, C7, C13	3	0.1uF	0603YC104JAT2A	AVX	CAP, CERM, 0.1 $\mu$ F, 16 V, +/- 5%, X7R, 0603	0603
C5	1	0.01uF	06031C103JAT2A	AVX	CAP, CERM, 0.01 $\mu$ F, 100 V, +/- 5%, X7R, 0603	0603
C6	1	4.7uF	12063D475MAT2A	AVX	CAP, CERM, 4.7 $\mu$ F, 25 V, +/- 20%, X5R, 1206	1206
C9, C12	2	1uF	C0603C105K3RACTU	Kemet	CAP, CERM, 1 $\mu$ F, 25 V, +/- 10%, X7R, 0603_950	0603_950
C11	1	2.2uF	12063D225KAT2A	AVX	CAP, CERM, 2.2 $\mu$ F, 25 V, +/- 10%, X5R, 1206	1206
D1	1	40V	MBRA340T3G	ON Semiconductor	Diode, Schottky, 40 V, 3 A, SMA	SMA
J1, J2, J3	3		282834-2	TE Connectivity	Terminal Block, 2x1, 2.54mm, TH	Terminal Block, 2x1, 2.54mm, TH
R2	1	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, 0603	0603
R4	1	499	CRCW0603499RFKEA	Vishay-Dale	RES, 499, 1%, 0.1 W, 0603	0603
R6, R8, R10	3	1.15k	CRCW06031K15FKEA	Vishay-Dale	RES, 1.15 k, 1%, 0.1 W, 0603	0603
R7	1	174k	CRCW0603174KFKEA	Vishay-Dale	RES, 174 k, 1%, 0.1 W, 0603	0603
R9	1	953	CRCW0603953RFKEA	Vishay-Dale	RES, 953, 1%, 0.1 W, 0603	0603
T1	1	37.5 uH	750315393	Würth Elektronik eiSos	Transformer, 37.5 uH, TH	20.3x17.96mm
TP1	1	White	5002	Keystone	Test Point, Miniature, White, TH	White Miniature Testpoint
TP2	1	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		LM5160DNTR	Texas Instruments	Wide Input 65V, 1.5A Synchronous Step-Down DC-DC Converter, DNT0012B	DNT0012B

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