

## PMP22343 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB1	1		PMP22343	Any	Printed Circuit Board	
C1, C2, C3, C4, C8, C9, C10, C11	8	10uF	GRM31CR61H106KA12L	MuRata	CAP, CERM, 10 uF, 50 V, +/- 10%, X5R, 1206	1206
C5	1	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	0603
C6	1	10uF	GRM31CR71E106KA12L	MuRata	CAP, CERM, 10 uF, 25 V, +/- 10%, X7R, 1206	1206
C7	1	1uF	GRM31CR72A105KA01L	MuRata	CAP, CERM, 1 uF, 100 V, +/- 10%, X7R, 1206	1206
C12	1	330pF	GRM188R71H331KA01D	MuRata	CAP, CERM, 330 pF, 50 V, +/- 10%, X7R, 0603	0603
C13	1	0.068uF	GRM188R71E683KA01D	MuRata	CAP, CERM, 0.068 uF, 25 V, +/- 10%, X7R, 0603	0603
D1, D2	2	80V	B280-13-F	Diodes Inc.	Diode, Schottky, 80 V, 2 A, SMB	SMB
D100	1	43V	1SMB5940BT3G	ON Semiconductor	Diode, Zener, 43 V, 550 mW, SMB	SMB
J1	1		691214110002	Würth Elektronik	Terminal Block, 3.5mm, 2x1, Tin, TH	Receptacle, 3.5mm, 2x1, TH
J2	1		691214110003	Würth Elektronik	Terminal Block, 3.5mm, 3x1, Tin, TH	Terminal Block, 3.5mm, 3x1, Tin, TH
L1	1	22uH	MSD1260-223ML	Coilcraft	Coupled inductor, 22 uH, 5.01 A, 0.116 ohm, TH	12.3x12.3mm
R1	1	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R2, R3, R6	3	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R4	1	100k	CRCW0402100KJNED	Vishay-Dale	RES, 100 k, 5%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R5	1	681k	CRCW0603681KFKEA	Vishay-Dale	RES, 681 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R7	1	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R100	1	100	CRCW1206100RJNEA	Vishay-Dale	RES, 100, 5%, 0.25 W, AEC-Q200 Grade 0, 1206	1206
TP1	1		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP2	1		5003	Keystone	Test Point, Miniature, Orange, TH	Orange Miniature Testpoint
TP3	1		5005	Keystone	Test Point, Compact, Red, TH	Red Compact Testpoint
TP4	1		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
TP5	1		5116	Keystone	Test Point, Miniature, Green, TH	Green Miniature Testpoint
U1	1		TPS54560BDDAR	Texas Instruments	60 V Input, 5 A, Step-Down DC-DC Converter with Eco-Mode, DDA0008E (SOIC-8)	DDA0008E
H1, H2, H3, H4	0		4824	Keystone		HEX STANDOFF 6-32 NYLON 1-1/2 inch

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