

## PMP10379 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB	1		PMP10379	Any	Printed Circuit Board	
C1, C6, C8	3	22uF	GRM31CR61A226KE19L	MuRata	CAP, CERM, 22 $\mu$ F, 10 V, +/- 10%, X5R, 1206	1206
C2	1	33uF	EEE-FK1E330P	Panasonic	CAP, AL, 33uF, 25V, +/-20%, 0.36 ohm, SMD	SMT Radial D
C3, C4	2	10uF	GRM32DR61E106KA12L	MuRata	CAP, CERM, 10 $\mu$ F, 25 V, +/- 10%, X5R, 1210	1210
C5, C7	2	0.1uF	GRM188R71E104KA01D	MuRata	CAP, CERM, 0.1 $\mu$ F, 25 V, +/- 10%, X7R, 0603	0603
C12	1	10pF	GRM1885C1H100JA01D	MuRata	CAP, CERM, 10 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
D1	1	20V	B120-13-F	Diodes Inc.	Diode, Schottky, 20V, 1A, SMA	SMA
J1, J2, J3	3		691214310002	Würth Elektronik eiSos	Terminal Block, 2x1, 3.81mm, 24-16 AWG, 10A, 300VAC, TH	2x1 Terminal Block
L1	1	2.2uH	744025002	Würth Elektronik eiSos	Inductor, Shielded Drum Core, Ferrite, 2.2uH, 1.8A, 0.057 ohm, SMD	Inductor, 2.8x2.8x2.8mm
L2	1	4.7uH	744878004	Würth Elektronik eiSos	Coupled inductor, 4.7 $\mu$ H, 1.3 A, 0.065 ohm, +/- 20%, SMD	7 x 4 x 7 mm
R1	1	1k	STD	STD	RES, 1%, 0.125W, 0805	0805
R4	1	274k	CRCW0603274KFKEA	Vishay-Dale	RES, 274 k, 1%, 0.1 W, 0603	0603
R6	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	0603
TP1, TP3, TP4	3	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP2, TP5, TP6	3	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U6	1		TPS562209DDC	Texas Instruments	4.5V to 17 V Input, 2-A Synchronous Step-Down SWIFT Converter with Eco-Mode, DDC0006A	DDC0006A

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