

PMP21007 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	0.47uF	0805YC474JAT2A	AVX	CAP, CERM, 0.47 μ F, 16 V,+/- 5%, X7R, 0805	0805
C2	1	1uF	0805YD105KAT2A	AVX	CAP, CERM, 1 μ F, 16 V,+/- 10%, X5R, 0805	0805
C3, C4	2	10uF	URU2G100MHD	Nichicon	CAP, AL, 10 μ F, 400 V, +/- 20%, TH	RCAP, 16x12.5mm
C5	1	470uF	EKZN350ELL471MJ20S	Chemi-Con	CAP, AL, 470 μ F, 35 V, +/- 20%, 0.028 ohm, TH	D10xL20mm
D1, D3	2	600V	MUR160GP-TP	Micro Commercial Co	Diode Standard 600V 1A Through Hole DO-41	DO-41
D2	1	600V	RH06-T	Diodes Inc.	Diode, Switching-Bridge, 600 V, 0.5 A, MiniDIP	MiniDIP
L1	1	1mH	744732102	Würth Elektronik	Inductor, Wirewound, Ferrite, 1 mH, 0.33 A, 3.4 ohm, TH	D9.5xH8mm
Q1	1	600V	BSS126 H6906	Infineon Technologies	MOSFET, N-CH, 600 V, 0.021 A, AEC-Q101, SOT-23	SOT-23
R1	1	110k	RC0603FR-07110KL	Yageo America	RES, 110 k, 1%, 0.1 W, 0603	0603
R2	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0k ohm, 1%, 0.1W, 0603	0603
R3, R4	2	12k	CRCW120612K0JNEA	Vishay-Dale	RES, 12k ohm, 5%, 0.25W, 1206	1206
R5	1	9.09k	CRCW06039K09FKEA	Vishay-Dale	RES, 9.09 k, 1%, 0.1 W, 0603	0603
R6	1	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
TP1, TP2	2		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP3, TP4	2		5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		UCC28881DR	Texas Instruments	700-V Lowest Quiescent Current Off-Line Switcher, D0007A (SOIC-7)	D0007A

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