

Filename: PMP8968\_REVA\_BOM.xls

Variant: 001

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**PMP8968 Rev A Bill of Materials**

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
!PCB	1		Printed Circuit Board		PMP8852	Any
C1	1	2.2uF	CAP CER 2.2UF 450V 20% X7T 2220	2220	CKG57NX7T2W225M500JH	TDK
C5	1	1uF	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805	GRM21BR71H105KA12L	MuRata
C100	1	10pF	CAP, CERM, 25V, +/-10%, X7R, 0402	0402	STD	STD
C101	1	220 uF	Capacitor, solid Electrolytic, 10V, ±20%	D3L	10TPE220ML	Panasonic
D1	1	1.15V	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	MiniDIP	RH06-T	Diodes Inc.
D2	1	82V	DIODE ZENER 82V 500MW SOD123	SOD-123	MMSZ5268BT1G	ON Semiconductor
D3	1	0.85V	Diode, Schottky, 100V, 1A, SMA	SMA	SS110-TP	Micro Commercial Components
D4	1	1.1V	Diode, P-N, 1000V, 1A, SOD-123	SOD-123	CGRM4007-G	Comchip Technology
D5	1	1.4V	Diode, Ultrafast, 100V, 0.25A, SOD-323	SOD-323	BAS316.115	NXP Semiconductor
F1	1		Fuse, 3A, 125V, SMD	SloBlo452	0452003.	Littelfuse
Q1	1	600V	MOSFET, N-CH, 600V, 0.18A, TO-226AA	TO-226AA	FQN1N60CTA	Fairchild Semiconductor
R1	1	100	RES, 1%, 0.125W, 0805	0805	STD	STD
R2	1	10k	RES, 1%, 0.063W, 0402	0402	STD	STD
R3	1	20	RES, 1%, 0.063W, 0402	0402	STD	STD
R4	1	249k	RES, 1%, 0.063W, 0402	0402	STD	STD
R5	1	499	RES, 1%, 0.063W, 0402	0402	STD	STD
R6	1	73.2k	RES, 1%, 0.063W, 0402	0402	STD	STD
R8	1	4.7	RES, 5%, 0.125W, 0805	0805	STD	STD
T1	1		Transformer, SMT	12x6x10mm	750313928	Würth Elektronik eiSos
TP1, TP2	2	White	Test Point, TH, Miniature, White	Keystone5002	5002	Keystone
TP3	1	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone
TP4	1	Black	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone
U1	1		Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, D0007A	D0007A	UCC28710D	Texas Instruments

Notes:

Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.

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