

PMP9059 Rev B Bill Of Materials

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C1	1	2.2uF	CAP CER 2.2UF 450V 20% X7T 2220	2220	CKG57NX7T2W225M500JH	TDK
C2, C4, C5	3	1uF	CAP, CERM, 16V, +/-10%, X5R, 0402	0402	STD	STD
C6	1	10pF	CAP, CERM, 25V, +/-10%, X7R, 0402	0402	STD	STD
C7	1	1uF	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805	GRM21BR71H105KA12L	MuRata
C8	1	220uF	10VDC 220UF 25MOHM 734328	7343-20	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	1.1V	Diode, P-N, 1000V, 1A, SOD-123	SOD-123	CGRM4007-G	Comchip Technology
D4	1	0.85V	Diode, Schottky, 100V, 1A, SMA	SMA	SS110-TP	Micro Commercial Components
D5	1	1.4V	Diode, Ultrafast, 100V, 0.25A, SOD-323	SOD-323	BAS316.115	NXP Semiconductor
Q1	1	0.4V	Transistor, NPN, 400V, 1A, TO-92	TO-92	PHE13003A,126	NXP Semiconductor
R1	1	100	RES, 1%, 0.125W, 0805	0805	STD	STD
R2	1	4.99k	RES, 1%, 0.063W, 0402	0402	STD	STD
R3	1	20	RES, 1%, 0.063W, 0402	0402	STD	STD
R4	1	127k	RES, 1%, 0.063W, 0402	0402	STD	STD
R5	1	499	RES, 1%, 0.063W, 0402	0402	STD	STD
R6	1	40.2k	RES, 1%, 0.063W, 0402	0402	STD	STD
R7	1	5.6	RES, 5%, 0.125W, 0805	0805	STD	STD
RF1	1	22	RES, 22 ohm, 10%, 2W, Fusible, TH	Axial resistor	EMC2-22RKI	TT Electronics/IRC
T1	1	2.5mH	Transformer, 2.50mH, SMT	12x6x10mm	750314178	Würth Elektronik eiSos
TP1, TP2	2	White	Test Point, TH, Miniature, White	Keystone5002	5002	Keystone
TP3, TP5	2	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone
TP6	1	Black	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone
U1	1		CONSTANT-VOLTAGE, CONSTANT-CURRENT CONTROLLER WITH PRIMARY SIDE REGULATION, D0007A	D0007A	UCC28720D	Texas Instruments
U2	1		80mA, 10V, 3.2uA Quiescent Current LOW-DROPOUT LINEAR REGULATOR in SC70, DCK0005A	DCK0005A	TPS71433DCK	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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