



## PMP22459 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB100	1		PMP22459	Any	Printed Circuit Board	
C900	1	0.1uF	GRM43DR72J104KW01L	MuRata	CAP, CERM, 0.1uF, 630V, +/-10%, X7R, 1812	1812
C901, C903, C905, C907, C909, C910, C912, C915, C919	9	47uF	GRM32ER61C476KE15L	MuRata	CAP, CERM, 47 µF, 16 V, +/- 10%, X5R, 1210	1210
C902, C904, C906	3	1uF	GRM216R61E105KA12D	MuRata	CAP, CERM, 1 µF, 25 V, +/- 10%, X5R, 0805	0805
C908	1	1uF	C1206C105K3RACTU	Kemet	CAP, CERM, 1 µF, 25 V, +/- 10%, X7R, 1206	1206
C911	1	1uF	CL21B105KBFNNNE	Samsung Electro-Mechanics	CAP, CERM, 1 µF, 50 V, +/- 10%, X7R, 0805	0805
C913	1	220pF	06031C221KAT2A	AVX	CAP, CERM, 220pF, 100V, +/-10%, X7R, 0603	0603
C914	1	4.7uF	0805ZD475KAT2A	AVX	CAP, CERM, 4.7uF, 10V, +/-10%, X5R, 0805	0805
C916	1	0.1uF	885012205037	Würth Elektronik	CAP, CERM, 0.1 µF, 16 V, +/- 10%, X7R, 0402	0402
C917	1	0.022uF	GRM155R61C223KA01D	MuRata	CAP, CERM, 0.022 µF, 16 V, +/- 10%, X5R, 0402	0402
C918	1	680pF	GRM1555C1H681JA01D	MuRata	CAP, CERM, 680 pF, 50 V, +/- 5%, C0G/NP0, 0402	0402
D900, D903, D905	3	150V	SMD1150PL-TP	Micro Commercial Co	DIODE SCHOTTKY 150V 1A SOD123FL	SOD-123F
D901	1	150V	SMAJ150A	Littelfuse	TVS DIODE 150V 243V SMA	SMA
D902	1	1.7V	US1M-13-F	Diodes Inc.	Diode, Ultrafast, 1000V, 1A, SMA	SMA
D904	1		BAS20HT1G		DIODE SWITCH 200V 200MA SOD323	SOD-323
D906	1	200V	SS1200-LTP	Micro Commercial Component	Diode, Schottky, 200 V, 1 A, SMA	SMA
D907	1	100V	MMDL914-TP	Micro Commercial Component	Diode, Switching, 100V, 0.2A, SOD-323	SOD-323
D990	1	3.3V	MMSZ5226B-7-F	Diodes Inc.	Diode, Zener, 3.3 V, 500 mW, SOD-123	SOD-123
D991, D992, D993	3	14V	MMSZ4701T1G	ON Semiconductor	Diode, Zener, 14 V, 500 mW, SOD-123	SOD-123
J900	1			Würth Electronics	Connector Header Through Hole, Right Angle 6 position 0.100" (2.54mm)	HDR6
J901	1		61300821021	Würth Elektronik	Header, 2.54mm, 4x2, Gold, R/A, TH	Header, 2.54mm, 4x2, R/A, TH
Q900	1	700V	IPN70R2K0P7SATMA1	Infineon Technologies	MOSFET, N-CH, 700 V, 30 A, PG-SOT223	PG-SOT223
R900, R902, R903	3	20.0k	CRCW060320K0FKEA	Vishay-Dale	RES, 20.0 k, 1%, 0.1 W, 0603	0603
R901	1	10.0	CRCW120610R0FKEA	Vishay-Dale	RES, 10.0, 1%, 0.25 W, 1206	1206
R904	1	2.00	CRCW12062R00FKEA	Vishay-Dale	RES, 2.00, 1%, 0.25 W, 1206	1206
R905, R906	2	100k	CRCW1206100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.25 W, 1206	1206
R909	1	30.0k	ERJ-3EKF3002V	Panasonic	RES, 30.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R910	1	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
R911	1	1.0Meg	CRCW04021M00JNED	Vishay-Dale	RES, 1.0 M, 5%, 0.063 W, 0402	0402
R912	1	9.53k	CRCW04029K53FKED	Vishay-Dale	RES, 9.53 k, 1%, 0.063 W, 0402	0402
R913	1	47.5k	CRCW040247K5FKED	Vishay-Dale	RES, 47.5 k, 1%, 0.063 W, 0402	0402
R914	1	7.5k	CRCW04027K50JNED	Vishay-Dale	RES, 7.5 k, 5%, 0.063 W, 0402	0402
R915	1	499	CRCW0402499RFKED	Vishay-Dale	RES, 499, 1%, 0.063 W, 0402	0402
R916	1	10.0k	CRCW040210K0FKED	Vishay-Dale	RES, 10.0 k, 1%, 0.063 W, 0402	0402
R917	1	2.49k	CRCW04022K49FKED	Vishay-Dale	RES, 2.49 k, 1%, 0.063 W, 0402	0402
T900	1		RLTI-1331	Renco Electronic	TRANSFORMER	SMD_TRANSFORMER
U901	1		UCC3813D-4	Texas Instruments	IC REG CTRLR PWM CM 8SOIC	D0008A