

**PMP11329 REV A Bill of Materials**

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1, C2	2	0.1uF	GRM43DR72J104KW01L	MuRata	CAP, CERM, 0.1 µF, 630 V, +/- 10%, X7R, 1812	1812
2	C3, C4	2	.1u	STD	STD	CAP, CERM, 630V, +/-10%, X7R, 1812	1812
3	C5, C6	2	82uF	EEU-EE2G820	Panasonic	CAP, AL, 82 µF, 400 V, +/- 20%, TH	18x25mm
4	C7	1	2200uF	EEUFC1C222	Panasonic	CAP, AL, 2200 µF, 16 V, +/- 20%, 0.03 ohm, AEC-Q200 Grade 2, TH	D12.5xL25
5	C8	1	3.3uF	C3225X7R1H335M	TDK	CAP, CERM, 3.3 µF, 50 V, +/- 20%, X7R, 1210	1210
6	C9	1	2200pF	DE2E3KY222MA2BM01	MuRata	CAP, CERM, 2200 pF, 250 V, +/- 20%, E, Radial D8x5mm	Radial D8x5mm
7	C10, C17	2	0.1uF	0603YC104JAT2A	AVX	CAP, CERM, 0.1 µF, 16 V, +/- 5%, X7R, 0603	0603
8	C11	1	47uF	35ZLJ47MTA5X11	Rubycon	CAP, AL, 47 µF, 35 V, +/- 20%, 0.4 ohm, TH	D5xL11mm
9	C12, C15	2	0.1uF	C0603C104J3RAC	Kemet	CAP, CERM, 0.1 µF, 25 V, +/- 5%, X7R, 0603	0603
10	C13, C18	2	0.47uF	0805YC474JAT2A	AVX	CAP, CERM, 0.47 µF, 16 V, +/- 5%, X7R, 0805	0805
11	C14	1	open	C0603C104J3RAC	Kemet	CAP, CERM, openF, 25 V, +/- 5%, X7R, 0603	0603
12	C16	1	270pF	06035A271JAT2A	AVX	CAP, CERM, 270 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
13	C19	1	2.2uF		MuRata	CAP, CERM, 2.2µF, 50 V, +/- 10%, X7R, 0805	0805
14	C100	1	6.8pF	06035A6R8CAT2A	AVX	CAP, CERM, 6.8 pF, 50 V, +/- 4%, C0G/NP0, 0603	0603
15	D1	1	1.25V	MURS140-13-F	Diodes Inc.	Diode, Ultrafast, 400V, 1A, SMB	SMB
16	D2	1	600V	GBU4J-BP	Micro Commercial Components	Diode, P-N-Bridge, 600 V, 4 A, TH	GBU
17	D3	1	600V	MURS160-13-F	Diodes Inc.	Diode, Ultrafast, 600 V, 1 A, SMB	SMB
18	D4, D7, D8, D9	4	1.4V	BAS316.115	NXP Semiconductor	Diode, Ultrafast, 100V, 0.25A, SOD-323	SOD-323
19	D5	1	12V	MMSZ4699T1G	ON Semiconductor	Diode, Zener, 12 V, 500 mW, SOD-123	SOD-123
20	D6	1	6.8V	MMSZ4692-V	Vishay-Semiconductor	Diode, Zener, 6.8 V, 500 mW, SOD-123	SOD-123
21	J1	1		703W-00/54	Qualtek Electronics Corporation	AC Receptacle, 10A 250VAC	20X50X28.7mm
22	J2	1		ED555/2DS	On-Shore Technology	Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm
23	L1	1	6.8mH	GVTM0-682LF	GCI Technologies	Coupled inductor, 6.8 mH, 1.4 A, 450 ohm, TH	31.8x31.8x16 mm
24	Q1	1	100V	CSD19533Q5A	Texas Instruments	MOSFET, N-CH, 100 V, 13 A, SON 5x6mm	SON 5x6mm
25	Q2, Q3	2	40 V	MMBT3904-7-F	Diodes Inc.	Transistor, NPN, 40 V, 0.2 A, SOT-23	SOT-23
26	Q4	1	800V	SPD06N60C3	Infineon Technologies	MOSFET, N-CH, 800 V, 4 A, DPAK	DPAK
27	R1	1	49.9k	CRCW120649K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.25 W, 1206	1206
28	R2, R5, R6, R8	4	499k	CRCW1206499K9FKEA	Vishay-Dale	RES, 499 k, 1%, 0.25 W, 1206	1206
29	R3, R4	2	75.0k	CRCW120675K0FKEA	Vishay-Dale	RES, 75.0 k, 1%, 0.25 W, 1206	1206
30	R7	1	402k	CRCW0603402K9FKEA	Vishay-Dale	RES, 402 k, 1%, 0.1 W, 0603	0603
31	R9	1	17.4k	CRCW060317K4FKEA	Vishay-Dale	RES, 17.4 k, 1%, 0.1 W, 0603	0603
32	R10	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	0603
33	R11	1	309k	CRCW0603309K9FKEA	Vishay-Dale	RES, 309 k, 1%, 0.1 W, 0603	0603
34	R12, R22	2	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
35	R13, R19	2	10.0	CRCW060310R0FKEA	Vishay-Dale	RES, 10.0, 1%, 0.1 W, 0603	0603
36	R14	1	51.1	CRCW060351R1FKEA	Vishay-Dale	RES, 51.1, 1%, 0.1 W, 0603	0603
37	R15	1	5.11k	CRCW06035K11FKEA	Vishay-Dale	RES, 5.11 k, 1%, 0.1 W, 0603	0603
38	R16	1	24.9k	CRCW060324K9FKEA	Vishay-Dale	RES, 24.9 k, 1%, 0.1 W, 0603	0603
39	R17	1	10.5k	CRCW080510K5FKEA	Vishay-Dale	RES, 10.5 k, 1%, 0.125 W, 0805	0805
40	R18, R20	2	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, 0603	0603
41	R21	1	4.02k	CRCW06034K02FKEA	Vishay-Dale	RES, 4.02 k, 1%, 0.1 W, 0603	0603
42	R23	1	60.4k	CRCW060360K4FKEA	Vishay-Dale	RES, 60.4 k, 1%, 0.1 W, 0603	0603
43	R24, R25	2	0.1	ERJ-8BWFR100V	Panasonic	RES, 0.1, 1%, 0.5 W, 1206	1206
44	R26	1	100k	CPF0603B100KE	TE Connectivity	RES, 100 k, 0.1%, 0.063 W, 0603	0603
45	R27	1	100k	CRCW0603100K9FKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, 0603	0603
46	R28	1	2.49k	CRCW06032K49FKEA	Vishay-Dale	RES, 2.49 k, 1%, 0.1 W, 0603	0603
47	T1	1	2.15mH	G154046LF	GCI Technologies	Transformer, 2.15mH, TH	33.5x35.7mm
48	TP1, TP2, TP3, TP4, TP5, TP7, TP9	7	Red	5000	Keystone	Test Point, TH, Miniature, Red	Keystone5000
49	TP6, TP8	2	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
50	TP10, TP11	2	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
51	U1	1		UCC24630DBVR	Texas Instruments	SYNCHRONOUS RECTIFIER CONTROLLER WITH LOW POWER STANDBY, DBV0006A	DBV0006A
52	U2	1		FOD817A	Fairchild Semiconductor	High Operating Temperature Phototransistor Optocoupler, DIP-4	DIP, 4-Leads, Body 6.86x4.83mm, Pitch 2.54mm
53	U3	1		LM5021MM-1	Texas Instruments	AC-DC Current Mode PWM Controller, 8-pin MSOP	MUA08A
54	U4	1		TL431AIDBZT	Texas Instruments	Adjustable Precision Shunt Regulator, 34 ppm / degC, 100 mA, -40 to 85 degC, 3-pin SOT-23 (DBZ), Green (RoHS & no Sb/Br)	DBZ0003A
55	XF1	1	TR5	56000001009	Littelfuse	Fuse Holder, TR5, TH	TR5 Fuse Holder

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