

## PMP10344 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB	1		PMP10344	Any	Printed Circuit Board	
C1, C15, C17	3	0.1uF	B32921C3104M	EPCOS Inc	CAP, Film, 0.1uF, 305V, +/-20%, TH	13x6x12mm
C2, C16	2	120uF	LGR2G121MELB25	Nichicon	CAP, AL, 120uF, 400V, +/-20%, ohm, TH	2-Pin Radial Leaded, Dia 30 mm, Height 25 mm, Pin Spacing 10 mm
C3	1	0.01uF	B32652A0103K	EPCOS Inc	CAP, Film, 0.01uF, 1000V, +/-10%, TH	2-Pin THD, 5 x 10.5 x 18 mm
C4, C7, C12	3	22uF	GRM32ER61E226KE15L	MuRata	CAP, CERM, 22uF, 25V, +/-10%, X5R, 1210	1210
C5, C6, C10	3	1000uF	16ZLJ1000MCE10X16	Rubycon	CAP, AL, 1000 uF, 16 V, +/- 20%, TH	CAPPR5-10x16
C8, C100, C101	3	1000pF	VY2102M29Y5UG63V7	Vishay-Bccomponents	CAP, CERM, 1000pF, 300V, +/-20%, Y5U, Radial Disc 7.5mm, ls=7.5	Radial Disc 7.5mm, ls=7.5
C9	1	4.7uF	GRM319R61H475KA12	MuRata	CAP, CERM, 4.7uF, 50V, +/-10%, X5R, 1206	1206
C11	1	1300pF	N/A	N/A	Do Not Populate	0402
D1, D6	2	800V	MB8S-TP	Micro Commercial Componen	Diode, Switching-Bridge, 800V, 0.5A, 4-Pin TO269AA, Body 4.95 x 4.2 mm, Pitch 2.555 mm	4-Pin TO269AA, Body 4.95 x 4.2 mm, Pitch 2.555 mm
D2	1	100V	SMCJ100A	Littelfuse	Diode, TVS, Uni, 100V, 1500W, SMC	SMC
D3, D5, D9	3	200V	SK4200L-TP	Micro Commercial Componen	Diode, Schottky, 200 V, 4 A, SMD, 2-Leads, Body 7.15x6.25mm	SMD, 2-Leads, Body 7.15x6.25mm
D4	1	1000V	US1M-13-F	Diodes Inc.	Diode, Ultrafast, 1000V, 1A, SMA	SMA
D7	1	350V	BAV3004W-7-F	Diodes Inc.	Diode, Switching, 350V, 0.225A, SOD-123	SOD-123
D8, D100	2	1.25V	BAV21W-7-F	Diodes Inc.	Diode, Switching, 200V, 0.2A, SOD-123	SOD-123
D101	1	39V	MMSZ4716-V	Vishay-Semiconductor	Diode, Zener, 39 V, 500 mW, SOD-123	SOD-123
J1	1		26-60-4060	Molex	Header, 3.96 mm, 6x1, Tin, TH	Header, 3.96 mm, 6x1, Tin, TH
J2	1		282843-4	TE Connectivity	Terminal Block, 10.16mm, 4x1, Tin, TH	Terminal Block, 10.16mm, 4x1, TH
L1, L2, L3, L4, L5, L6	6	470 uH	7447480471	Würth Elektronik eiSos	FIXED IND 470UH 1.15A 520 MOHM	2-Pin Radial Leaded, Dia 8 mm, Height 12.5 mm, Pin Spacing 5 mm
Q1	1	950V	STD6N95K5	STMicroelectronics	MOSFET, N/P-CH, 950V, 9A, DPAK	DPAK
Q2	1	0.25V	MMBT3906	Fairchild Semiconductor	Transistor, PNP, 40V, 0.2A, SOT-23	SOT-23
R1	1	20	CRCW201020R0JNEF	Vishay-Dale	RES, 20 ohm, 5%, 0.75W, 2010	2010
R2, R3, R11, R12, R15, R18	6	10k	CRCW120610K0JNEA	Vishay-Dale	RES, 10k ohm, 5%, 0.25W, 1206	1206
R4, R100	2	41.2k	CRCW040241K2FKED	Vishay-Dale	RES, 41.2 k, 1%, 0.063 W, 0402	0402
R5	1	649	CRCW0402649RFKED	Vishay-Dale	RES, 649 ohm, 1%, 0.063W, 0402	0402
R6	1	23.7k	CRCW040223K7FKED	Vishay-Dale	RES, 23.7k ohm, 1%, 0.063W, 0402	0402
R7, R9, R13, R14	4	1.00Meg	CRCW12061M00FKEA	Vishay-Dale	RES, 1.00Meg ohm, 1%, 0.25W, 1206	1206
R8	1	0.47	ERJ-8RQFR47V	Panasonic	RES, 0.47 ohm, 1%, 0.25W, 1206	1206
R16	1	20	CRCW060320R0JNEA	Vishay-Dale	RES, 20 ohm, 5%, 0.1W, 0603	0603
R17	1	100k	CRCW0402100KFKED	Vishay-Dale	RES, 100k ohm, 1%, 0.063W, 0402	0402
R101, R102, R103	3	10k	CRCW080510K0JNEA	Vishay-Dale	RES, 10 k, 5%, 0.125 W, 0805	0805
RF1, RF2, RF3	3	1	SPP1UL1R00JLF	TT Electronics/IRC	RES 1 OHM 1W 5% AXIAL	Axial

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
RV1, RV2, RV3	3	300VAC	B72210S2301K101	EPCOS Inc	SIOV Metal Oxide Leaded Varistor, 300VAC, 3500A, TH	2-Pin THD, Body 12 x 5.6 mm, Height 14.5 mm
T1	1	350 uH	750817930	Wurth Elektronik eiSos	Transformer, 350 uH, TH	TH, 14-Leads, Body 25x22.2mm
U2	1		UCC28700DBV	Texas Instruments	Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, DBV0006A	DBV0006A

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