

PMP21366 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB800	1		PMP21366	Any	Printed Circuit Board	
C800	1	1uF	450MPK105J	Rubycon	CAP, Film, 1 µF, 450 V,+/- 5%, TH	18x9.5mm
C801, C807	2	100pF	DE2B3KY101KN3AU02F	MuRata	CAP, CERM, 100 pF, X1 250 VAC/Y2 300 VAC, +/- 10%, B, TH, 2- Leads, Body 7x5mm, Pin Spacing 7.5mm	TH, 2- Leads, Body 7x5mm, Pin Spacing 7.5mm
C802, C803, C808, C809	4	220pF	DE2B3KY221KA3BU02F	Murata	CAP CER 220PF 300VAC 10% RADIAL	5x7.5 mm
C804	1	0.1uF	890324025017	Würth Elektronik	CAP, Film, 0.1 µF, X2 275 VAC, +/- 10%, TH	18x6mm
C805	1	0.22uF	ECQ-U2A224ML	Panasonic	CAP, Film, 0.22 µF, 275 V,+/- 20%, TH	17.5x8x17.5mm
C806	1	0.47uF	890324024005	Würth Elektronik	CAP, Film, 0.47 µF, X2 275 VAC, +/- 10%, TH	15x10mm
C810, C811	2	270uF	450VXH270MEFCSN30X30	Rubycon	CAP ALUM 270UF 450V 20% SNAP	D30xL30mm
C812, C817, C827	3	2.2uF	0805YD225KAT2A	AVX	CAP, CERM, 2.2 µF, 16 V, +/- 10%, X5R, 0805	0805
C814	1	1uF	0805YD105KAT2A	AVX	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0805	0805
C815, C816	2	22pF	C0603C220J5GACTU	Kemet	CAP, CERM, 22 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C818, C819, C820, C826	4	1200pF	06031C122JAT2A	AVX	CAP, CERM, 1200 pF, 100 V,+/- 5%, X7R, 0603	0603
C821, C823	2	680pF	GRM188R71H681KA01D	MuRata	CAP, CERM, 680 pF, 50 V, +/- 10%, X7R, 0603	0603
C822	1	1000pF	06031C102MAT2A	AVX	CAP, CERM, 1000 pF, 100 V, +/- 20%, X7R, 0603	0603
C824	1	1uF	UMK107AB7105KA-T	Taiyo Yuden	CAP, CERM, 1 µF, 50 V, +/- 10%, X7R, 0603	0603
C825	1	0.1uF	EMK107B7104KA-T	Taiyo Yuden	CAP, CERM, 0.1 µF, 16 V, +/- 10%, X7R, 0603	0603
D800, D802	2	600V	D25XB60-7000	Shindengen	Diode, Switching-Bridge, 600 V, 3.5 A, TH	5S
D801, D803	2	0.98V	MUR860G	ON Semiconductor	Diode, Ultrafast, 600V, 8A, TH	TO-220AC
D804	1	12V	MMSZ4699T1G	ON Semiconductor	Diode, Zener, 12 V, 500 mW, SOD-123	SOD-123
D805	1	100V	BAS316,115	NXP Semiconductor	Diode, Ultrafast, 100 V, 0.25 A, SOD-323	SOD-323
F800	1		0217015.MXEP	Littelfuse	Fuse, 15 A, 250 VDC, TH	D5.5xL21.5mm
H800, H802, H803, H804	4		513002B02500G	Aavid	BOARD LEVEL HEATSINK .5" TO-220	12.70x50.80x34.92 mm
H801	1		782653B04250G	Aavid	HEATSINK VERT MAX CLIP, BLACK, 4.25 INCHES	4.25 INCH EXTRUDED HEAT SINK
J800	1		703W-00/54	Qualtek Electronics Corporatio	AC Receptacle, 10A 250VAC	20X50X28.7mm
J801, J802	2	2x1	1715721	Phoenix Contact	Conn Term Block, 2POS, 5.08mm, TH	2POS Terminal Block
K800	1		G5LE-1-E DC12	Omron	RELAY GEN PURPOSE SPDT 16A 12V	21x16mm
L800, L803	2	160 uH	PFC4124QM-161K06D-00	TDK	Transformer, 160 uH, TH	43x38mm
L801, L802	2	7mH	7448040707	Würth Elektronik	Coupled inductor, 7 mH, 7 A, 0.02 ohm, TH	19x28mm
Q800, Q802	2	650V	IPW65R065C7	Infineon Technologies	MOSFET N-CH 600V 53A TO247	TO-247
Q801, Q803	2	20V	FMMT718TA	Diodes Inc.	Transistor, PNP, 20V, 1.5A, SOT-23	SOT-23
R800, R802, R807	3	432k	CRCW1206432KFKEA	Vishay-Dale	RES, 432 k, 1%, 0.25 W, 1206	1206
R801, R812	2	3.00	RC1206FR-073RL	Yageo America	RES, 3.00, 1%, 0.25 W, 1206	1206
R803, R804, R805	3	0.02	CSRN2010FK20L0	Stackpole Electronics Inc	RES, 0.02, 1%, 1 W, 2010	2010
R806, R814	2	10.0k	CRCW080510K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.125 W, 0805	0805
R808	1	10	TWW10J10RE	Ohmite	RES, 10, 5%, 10 W, TH	12.5x9mm
R810, R811	2	75	CRCW120675R0JNEA	Vishay-Dale	RES, 75, 5%, 0.25 W, 1206	1206
R815, R816	2	20.5k	CRCW060320K5FKEA	Vishay-Dale	RES, 20.5 k, 1%, 0.1 W, 0603	0603
R817	1	3.01Meg	CRCW08053M01FKEA	Vishay-Dale	RES, 3.01 M, 1%, 0.125 W, 0805	0805

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R818, R819, R821, R822, R826	5	2.74Meg	CRCW08052M74FKEA	Vishay-Dale	RES, 2.74 M, 1%, 0.125 W, 0805	0805
R820, R823, R827	3	2.87Meg	CRCW08052M87FKEA	Vishay-Dale	RES, 2.87 M, 1%, 0.125 W, 0805	0805
R824, R825, R832, R835	4	133k	CRCW0603133KFKEA	Vishay-Dale	RES, 133 k, 1%, 0.1 W, 0603	0603
R828	1	100	CRCW0603100RFKEA	Vishay-Dale	RES, 100, 1%, 0.1 W, 0603	0603
R829	1	15.0k	CRCW060315K0FKEA	Vishay-Dale	RES, 15.0 k, 1%, 0.1 W, 0603	0603
R830	1	11.3k	CRCW060311K3FKEA	Vishay-Dale	RES, 11.3 k, 1%, 0.1 W, 0603	0603
R831	1	82.5k	CRCW060382K5FKEA	Vishay-Dale	RES, 82.5 k, 1%, 0.1 W, 0603	0603
R833	1	121k	CRCW0603121KFKEA	Vishay-Dale	RES, 121 k, 1%, 0.1 W, 0603	0603
R834	1	47.5k	RC0603FR-0747K5L	Yageo America	RES, 47.5 k, 1%, 0.1 W, 0603	0603
RV800	1		S10K275E2	EPCOS Inc	Varistor 275V RMS 10MM Radial, TH	10mm Radial
TP800	1		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP801	1		5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U801	1		UCC28064ADR	Texas Instruments	Natural Interleaving Transition Mode PFC Controller with Improved Light Load Efficiency, D0016A (SOIC-16)	D0016A

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