

PMP20999 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCBA?	1		PMP9380 Rev1B PCB	Used in BOM report	PMP9380 Rev1B PCB	N/A
C1, C4, C6	3	0.1uF	06035C104KAT2A	AVX	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603
C2	1	82uF	HHXB160ARA820MF61G	Chemi-Con	CAP, Aluminum Polymer, 82 µF, 16 V, +/- 20%, 0.045 ohm, AEC-Q200 Grade 2, D6.3xL6.1mm SMD	D6.3xL6.1mm
C3, C8	2	1uF	C1608X7R1E105K080AB	TDK	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603
C5	1	10uF	GRM32ER71J106KA12L	MuRata	CAP, CERM, 10 µF, 63 V, +/- 10%, X7R, 1210	1210
C7	1	220uF	227SML035MD10	Illinois Capacitor	CAP, Al Electrolytic, 220uF, 35V, +/-20%, 0.465Arms Max. @ 100KHz, SMT	
C9	1	2.2uF	C1608X7R1A225K080AC	TDK	CAP, CERM, 2.2 µF, 10 V, +/- 10%, X7R, 0603	0603
C13	1	470pF	GRM1885C1H471JA01D	MuRata	CAP, CERM, 470 pF, 50 V, +/- 5%, COG/NP0, 0603	0603
H1, H2, H3, H4	4		NY PMS 440 0025 PH	B&F Fastener Supply	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw
H5, H6, H7, H8	4		1902C	Keystone	Standoff, Hex, 0.5"L #4-40 Nylon	Standoff
L1	1	18uH	MSS1260-183MLB	Coilcraft	Inductor, Shielded Drum Core, Ferrite, 18 µH, 3.3 A, 0.04 ohm, SMD	MSS1260
LBL1	1		THT-14-423-10	Brady	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650"H x 0.200"W
R1	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0k ohm, 1%, 0.1W, 0603	0603
R2	1	107k	CRCW0603107KFKEA	Vishay-Dale	RES, 107 k, 1%, 0.1 W, 0603	0603
R4	1	9.76k	CRCW06039K76FKEA	Vishay-Dale	RES, 9.76 k, 1%, 0.1 W, 0603	0603
R5	1	0	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0k ohm, 1%, 0.1W, 0603	0603
TP2	1	Red	5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
TP3, TP4	2	Black	5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
TP5	1		5126	Keystone	Test Point, Multipurpose, Green, TH	Green Multipurpose Testpoint
U1	1		LM46002PWP	Texas Instruments	3.5Vin to 60Vin 2A Synchronous Step-Down Voltage Regulator	HTSSOP16
C10	0	100pF	06035A101JAT2A	AVX	CAP, CERM, 100pF, 50V, +/-5%, COG/NP0, 0603	0603
C11, C12	0	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22 µF, 25 V, +/- 10%, X7R, 1210	1210
R3	0	DNP	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0k ohm, 1%, 0.1W, 0603	0603
TP1	0	Yellow	5004	Keystone	Test Point, Miniature, Yellow, TH	Yellow Miniature Testpoint

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