

PMP20210 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB	1		PMP20210	Any	Printed Circuit Board	
+3.3V @ 0.6A, TP1	2	Yellow	5014	Keystone	Test Point, Multipurpose, Yellow, TH	Yellow Multipurpose Testpoint
C4	1	1000pF	VJ1206A102JXGAT5Z	Vishay-Vitramon	CAP, CERM, 1000pF, 1000V, +/-5%, C0G/NP0, 1206	1206
C9_1, C9_2, C20, C21	4	10uF	C3216X7R1V106M160AC	TDK	CAP, CERM, 10 μF, 35 V, +/- 20%, X7R, 1206_190	1206_190
C12	1	0.1uF	C0603C104J3RAC	Kemet	CAP, CERM, 0.1uF, 25V, +/-5%, X7R, 0603	0603
C13	1	0.022uF	GRM188R71C223KA01D	MuRata	CAP, CERM, 0.022 μF, 16 V, +/- 10%, X7R, 0603	0603
C14	1	0.022uF	GRM188R71C223KA01D	MuRata	CAP, CERM, 0.022uF, 16V, +/-10%, X7R, 0603	0603
C15	1	1000pF	GRM188R71E102KA01D	MuRata	CAP, CERM, 1000 pF, 25 V, +/- 10%, X7R, 0603	0603
C16, C17, C18, C19	4	2.2uF	GRM32ER72A225KA35L	MuRata	CAP, CERM, 2.2 μF, 100 V, +/- 10%, X7R, 1210	1210
C22	1	1uF	GRM188R71E105KA12D	MuRata	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603
D1	1	60V	SBRT3U60SA	ON Semiconductor	Diode, Schottky, 60 V, 3 A, SMA	SMA
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
J1, J2	2	2x1	1727010	Phoenix Contact	Conn Term Block, 2POS, 3.81mm, TH	2POS Terminal Block
R6	1	576k	CRCW0603576KFKEA	Vishay-Dale	RES, 576 k, 1%, 0.1 W, 0603	0603
R7	1	130k	CRCW0603130KFKEA	Vishay-Dale	RES, 130 k, 1%, 0.1 W, 0603	0603
R8	1	0	ERJ-6RQFR47V	Panasonic	RES, 0.47 ohm, 1%, 0.125W, 0805	0805
R10	1	30.9k	CRCW060330K9FKEA	Vishay-Dale	RES, 30.9 k, 1%, 0.1 W, 0603	0603
R11	1	88.7k	CRCW060388K7FKEA	Vishay-Dale	RES, 88.7 k, 1%, 0.1 W, 0603	0603
R12	1	20.0k	CRCW060320K0FKEA	Vishay-Dale	RES, 20.0 k, 1%, 0.1 W, 0603	0603
R13	1	18.2k	CRCW060318K2FKEA	Vishay-Dale	RES, 18.2k ohm, 1%, 0.1W, 0603	0603
Rx1	1	100	CRCW1206100RFKEA	Vishay-Dale	RES, 100, 1%, 0.25 W, 1206	1206
T1	1	210uH	VPH3-0138-R	Coiltronics		
U1	1		LM5160DNT	Texas Instruments	Wide Input 65V, 1.5A Synchronous Step-Down DC-DC Converter, DNT0012B	DNT0012B
FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
R14	0	DNP	ERJ-6RQFR47V	Panasonic	RES, 0.47 ohm, 1%, 0.125W, 0805	0805

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