

## PMP20330 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB1	1		PMP20330	Any	Printed Circuit Board	
3P3V, 5V	2	Red	5000	Keystone	Test Point, TH, Miniature, Red	Keystone5000
3P3Vout, 5Vout, GND, GND_Pri, GND_Sec1, GND_Sec2, Vin, Vout_Pri	8	Double	1502-2	Keystone	Terminal, Turret, TH, Double	Keystone1502-2
C1, C2, C4, C5, C12	5	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22 $\mu$ F, 25 V, +/- 10%, X7R, 1210	1210
C3	1	1000pF	GRM31BR73A102KW01L	MuRata	CAP, CERM, 1000 pF, 1000 V, +/- 10%, X7R, 1206	1206
C6, C7, C8	3	0.01uF	GRM188R71H103KA01D	MuRata	CAP, CERM, 0.01 $\mu$ F, 50 V, +/- 10%, X7R, 0603	0603
C10	1	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10 $\mu$ F, 50 V, +/- 10%, X7R, 1210	1210
C11	1	1000pF	GRM188R71E102KA01D	MuRata	CAP, CERM, 1000 pF, 25 V, +/- 10%, X7R, 0603	0603
C14	1	1uF	GRM188R71E105KA12D	MuRata	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603
D1, D2	2	40V	SBRT3U40P1-7	Diodes Inc.	Diode, Super Barrier Rectifier, 40 V, 3 A, AEC-Q101, PowerDI123	PowerDI123
FID1, FID2, FID3	3		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
GND1, GND2	2		5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
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
R1	1	1.0k	CRCW06031K00JNEA	Vishay-Dale	RES, 1.0 k, 5%, 0.1 W, 0603	0603
R2	1	499	CRCW0603499RFKEA	Vishay-Dale	RES, 499, 1%, 0.1 W, 0603	0603
R3	1	365k	CRCW0603365KFKEA	Vishay-Dale	RES, 365 k, 1%, 0.1 W, 0603	0603
R4	1	124k	CRCW0603124KFKEA	Vishay-Dale	RES, 124 k, 1%, 0.1 W, 0603	0603
R5	1	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
R6, R9	2	20.5k	CRCW060320K5FKEA	Vishay-Dale	RES, 20.5 k, 1%, 0.1 W, 0603	0603
R7	1	54.9k	CRCW060354K9FKEA	Vishay-Dale	RES, 54.9 k, 1%, 0.1 W, 0603	0603
R8	1	10.5k	CRCW060310K5FKEA	Vishay-Dale	RES, 10.5 k, 1%, 0.1 W, 0603	0603
T1	1	60uH	750316561	Würth Elektronik	Transformer, 60 uH, SMT	17.02x15.49mm
U1	1		LM5160QPWPRQ1	Texas Instruments	Wide Input 65-V, 1.5-A Synchronous Buck / Fly-Buck Converter, PWP0014A	PWP0014A
C9	0	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10 $\mu$ F, 50 V, +/- 10%, X7R, 1210	1210
C13	0	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22 $\mu$ F, 25 V, +/- 10%, X7R, 1210	1210
R10	0	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603

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