

PMP10088 REV B Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1, C2, C3, C13	4	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10uF, 50V, +/-10%, X7R, 1210	1210
2	C4, C5, C11	3	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603
3	C6, C7, C8, C9,	6	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22uF, 25V, +/-10%, X7R, 1210	1210
	C10, C14						
4	C12	1	330pF	GRM188R71H331KA01D	MuRata	CAP, CERM, 330 pF, 50 V, +/- 10%, X7R, 0603	0603
5	C101	1	470pF	GRM188R72A471KA01D	MuRata	CAP, CERM, 470 pF, 100 V, +/- 10%, X7R, 0603	0603
6	D1, D2	2	60V	B360-13-F	Diodes Inc.	Diode, Schottky, 60V, 3A, SMC	SMC
7	J1, J2, J3	3		ED555/2DS	On-Shore Technology	Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm
8	L1	1	33uH	MSD1583-333MEB	Coilcraft	Coupled inductor, 33uH, 2.16A, 0.083 ohm, +/-20%, SMD	IND_14.8x8.6x14.8m
							m, SMD
9	NWA black, TP2,	4	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature
	TP4, TP6						Testpoint
10	NWA red, TP1,	3	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature
	TP3						Testpoint
11	NWA yellow	1	Orange	5003	Keystone	Test Point, Miniature, Orange, TH	Orange Miniature
							Testpoint
12	R1	1	56.2k	CRCW060356K2FKEA	Vishay-Dale	RES, 56.2k ohm, 1%, 0.1W, 0603	0603
13	R2	1	1.96k	CRCW06031K96FKEA	Vishay-Dale	RES, 1.96k ohm, 1%, 0.1W, 0603	0603
14	R3	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9 ohm, 1%, 0.1W, 0603	0603
15	R4	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
16	R5	1	412k	CRCW0603412KFKEA	Vishay-Dale	RES, 412k ohm, 1%, 0.1W, 0603	0603
17	R6	1	422k	CRCW0603422KFKEA	Vishay-Dale	RES, 422k ohm, 1%, 0.1W, 0603	0603
18	R7	1		CRCW060349K9FKEA	Vishay-Dale	RES, 49.9k ohm, 1%, 0.1W, 0603	0603
19	R101	1	100	CRCW1206100RJNEA	Vishay-Dale	RES, 100, 5%, 0.25 W, 1206	1206
20	TP5	1	Blue	5117	Keystone	Test Point, Miniature, Blue, TH	Blue Miniature
							Testpoint
21	TP7	1	White	5002	Keystone	Test Point, Miniature, White, TH	White Miniature
							Testpoint
22	U1	1		TPS54360DDA	Texas Instruments	60 V Input, 3.5 A, Step Down DC-DC Converter with Eco-mode,	DDA0008E
						DDA0008E	

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