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PMP9796 REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	PCB	1		PMP9796	Any	Printed Circuit Board	
2	C1, C4	2	10uF	GRM188R61E106MA73D	MuRata	CAP, CERM, 10 µF, 25 V, +/- 20%, X5R, 0603	0603
3	C2, C3	2	10uF	GRM21BC71E106ME11L	MuRata	CAP, CERM, 10 µF, 25 V, +/- 20%, X7S, 0805	0805
4	C5, C6, C7, C8	4	22uF	GRM21BC81C226ME44L	MuRata	CAP, CERM, 22 µF, 16 V, +/- 20%, X6S, 0805	0805
5	C9	1	0.1uF	GRM155R71E104KE14D	MuRata	CAP, CERM, 0.1 µF, 25 V, +/- 10%, X7R, 0402	0402
6	C10	1	68uF	T495D686K020ATE150	Kemet	CAP, TA, 68 µF, 20 V, +/- 10%, 0.15 ohm, SMD	7343-31
7	J1, J2	2		TSW-106-07-G-S	Samtec	Header, 100mil, 6x1, Gold, TH	6x1 Header
8	J3, J4	2		TSW-102-07-G-S	Samtec	Header, 100mil, 2x1, Gold, TH	2x1 Header
9	J5, J6	2		ED555/2DS	On-Shore Technology	Terminal Block, 3.5mm Pitch, 2x1, TH	7.0x8.2x6.5mm
10	JP1	1		TSW-103-07-G-S	Samtec	Header, 100mil, 3x1, Gold, TH	3x1 Header
11	L1	1	2.2uH	XAL4020-222MEB	Coilcraft	Inductor, Shielded, Composite, 2.2 µH, 5.5 A, 0.04 ohm, SMD	4x2.1x4mm
12	R1	1	680k	RC0603FR-07680KL	Yageo America	RES, 680 k, 1%, 0.1 W, 0603	0603
13	R2	1	130k	RC0603FR-07130KL	Yageo America	RES, 130 k, 1%, 0.1 W, 0603	0603
14	R3	1	162k	RC0603FR-07162KL	Yageo America	RES, 162 k, 1%, 0.1 W, 0603	0603
15	R4	1	100k	RC0603FR-07100KL	Yageo America	RES, 100 k, 1%, 0.1 W, 0603	0603
16	R5	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
17	U1	1		TPS63070RNM	Texas Instruments	TPS63070RNM, RNM0015A	RNM0015A
18	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
19	SH-JP1	0	1x2	969102-0000-DA	3M	Shunt, 100mil, Gold plated, Black	Shunt

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