

### PMP10736 REV E2 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	!PCB1	1		PMP10736	Any	Printed Circuit Board	
2	C1, C4, C9, C10	4	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22uF, 25V, +/-10%, X7R, 1210	1210
3	C2, C6	2	0.1uF	C1005X7R1H104K	TDK	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0402	0402
4	C3, C8, Cr	3	0.01uF	GRM155R71H103KA88D	MuRata	CAP, CERM, 0.01 uF, 50 V, +/- 10%, X7R, 0402	0402
5	C5	1	4.7uF	GRM31CR71H475KA12L	MuRata	CAP, CERM, 4.7 uF, 50 V, +/- 10%, X7R, 1206	1206
6	C7	1	1uF	C1608X7R1E105K080AB	TDK	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603
7	C11	1	100pF	GRM42A7U3F101JW31L	MuRata	CAP, CERM, 100 pF, 3150 V, +/- 5%, U2J, 1808	1808
8	Cac	1	1000pF	C1005X7R1H102K	TDK	CAP, CERM, 1000 pF, 50 V, +/- 10%, X7R, 0402	0402
9	D1	1	40V	SBRT3U40P1-7	Diodes Inc.	Diode, Super Barrier Rectifier, 40 V, 3 A, PowerDI123	PowerDI123
10	J1, J2	2		TSW-102-08-G-S-RA	Samtec	Header, 100mil, 2x1, Gold, R/A, TH	2x1 R/A Header
11	R1	1	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, 0603	0603
12	R2	1	274k	CRCW0402274KFKED	Vishay-Dale	RES, 274 k, 1%, 0.063 W, 0402	0402
13	R3	1	49.9k	CRCW040249K9FKED	Vishay-Dale	RES, 49.9 k, 1%, 0.063 W, 0402	0402
14	R4	1	19.1k	CRCW040219K1FKED	Vishay-Dale	RES, 19.1 k, 1%, 0.063 W, 0402	0402
15	Rfbb, Rr	2	20.0k	CRCW040220K0FKED	Vishay-Dale	RES, 20.0 k, 1%, 0.063 W, 0402	0402
16	Rfbt	1	33.2k	CRCW040233K2FKED	Vishay-Dale	RES, 33.2 k, 1%, 0.063 W, 0402	0402
17	T1	1	25uH	750315703	Würth Elektronik	Transformer, 25uH, 8-pin, SMD, 1:1	Würth EP7 Supplementary, 8-pin, SMD
18	U1	1		LM5160ADNTR	Texas Instruments	Wide Input 65V, 1.5A Synchronous Step-Down DC-DC Converter, DNT0012B	DNT0012B

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