

Variant: 001  
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PMP10847 REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	PCB	1		PMP10847	Any	Printed Circuit Board	
2	C1	1	0.01uF	GRM155R71E103KA01D	MuRata	CAP, CERM, 0.01 uF, 25 V, +/- 10%, X7R, 0402	0402
3	C2	1	1uF	GRM31CR72A105KA01L	MuRata	CAP, CERM, 1 uF, 100 V, +/- 10%, X7R, 1206	1206
4	C3	1	10uF	GRM31CR61C106KA88L	MuRata	CAP, CERM, 10 uF, 16 V, +/- 10%, X5R, 1206	1206
5	C4	1	1uF	GRM185R61C105KE44D	MuRata	CAP, CERM, 1 uF, 16 V, +/- 10%, X5R, 0603	0603
6	D1	1	30V	BAT54WS-7-F	Diodes Inc.	Diode, Schottky, 30 V, 0.2 A, SOD-323	SOD-323
7	L1	1	100uH	CDRH8D43NP-101NC	Sumida	Inductor, Shielded Drum Core, Ferrite, 100 uH, 0.8 A, 0.36 ohm, SMD	SMD, 8x8mm
8	R1	1	0.22	ERJ-6RQFR22V	Panasonic	RES, 0.22, 1%, 0.125 W, 0805	0805
9	R2	1	422k	CRCW0402422KFKED	Vishay-Dale	RES, 422 k, 1%, 0.063 W, 0402	0402
10	R3	1	130k	CRCW0402130KFKED	Vishay-Dale	RES, 130 k, 1%, 0.063 W, 0402	0402
11	R4	1	5.90k	CRCW04025K90FKED	Vishay-Dale	RES, 5.90 k, 1%, 0.063 W, 0402	0402
12	R5	1	5.62k	CRCW04025K62FKED	Vishay-Dale	RES, 5.62 k, 1%, 0.063 W, 0402	0402
13	R6	1	1.00k	CRCW04021K00FKED	Vishay-Dale	RES, 1.00 k, 1%, 0.063 W, 0402	0402
14	TP1, TP2	2	Red	5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
15	TP3, TP4	2	Black	5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
16	U1	1		LM5017SDX/NOPB	Texas Instruments	100V, 600mA Constant On-Time Synchronous Buck Regulator, NGU0008B	NGU0008B

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