

Variant: None  
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# PMP30911 REV A Bill of Materials



Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1, C2, C3	3	1uF	08055C105KAT2A	AVX	CAP, CERM, 1 uF, 50 V, +/- 10%, X7R, 0805	805
2	C4	1	10uF	CC0805KKX5R8BB106	Yageo	CAP, CERM, 10 uF, 25 V, +/- 10%, X5R, 0805	805
3	C5	1	0.1uF	C0603C104J5RACTU	Kemet	CAP, CERM, 0.1 uF, 50 V, +/- 5%, X7R, 0603	603
4	C6	1	10uF	8.85012E+11	Würth Elektronik	CAP, CERM, 10 uF, 10 V, +/- 10%, X7R, 0805	805
5	D1	1	15V	BZX384-C15,115	NXP Semiconductor	Diode, Zener, 15 V, 300 mW, SOD-323	SOD-323
6	D2	1	5.6V	BZT52C5V6T-7	Diodes Inc.	Diode, Zener, 5.6 V, 300 mW, SOD-523	SOD-523
7	D3, D5	2	MBR0580-TP	MBR0580-TP	Micro Commercial Components	Diode, Schottky, 80 V, 0.5 A, SOD-123	SOD-123
8	D4	1	BAT54WS-7-F	BAT54WS-7-F	Diodes Inc.	Diode, Schottky, 30 V, 0.2 A, SOD-323	SOD-323
9	J1, J2	2		39357-0002	Molex	Terminal Block, 3.5 mm, 2x1, Tin, TH	Terminal Block, 3.5 mm, 2x1, TH
10	Q1	1	MMBT3904LT1G	MMBT3904LT1G	ON Semiconductor	Transistor, NPN, 40 V, 0.2 A, SOT-23	SOT-23
11	Q2, Q3	2	100V	DMN10H220L-7	Diodes Inc.	MOSFET, N-CH, 100 V, 1.4 A, SOT-23	SOT-23
12	R1, R2	2	47.0k	RC0603FR-0747KL	Yageo	RES, 47.0 k, 1%, 0.1 W, 0603	603
13	R3	1	10.0k	RCG060310K0FKEA	Vishay Draloric	RES, 10.0 k, 1%, 0.1 W, 0603	603
14	T1	1	750319453	750319453	Würth Elektronik	Transformer, 1 mH, push-pull, SMT	12.32x10.41mm
15	TP1	1		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
16	U1	1	SN6505BDBVR	SN6505BDBVR	Texas Instruments	Low-Noise 1 A, 420 kHz Transformer Driver, DBV0006A (SOT-23-6)	DBV0006A