PMP30555 Rev_B - BoM.xls
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PMP30555 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1, C2	2	10uF	885012207026	Wurth Elektronik	CAP, CERM, 10 uF, 10 V, +/- 10%, X7R, 0805	0805
C4, C6	2	2.2uF	08053C225KAT2A	AVX	CAP, CERM, 2.2 uF, 25 V, +/- 10%, X7R, 0805	0805
C5, C7, C8	3	1uF	08055C105KAT2A	AVX	CAP, CERM, 1 uF, 50 V, +/- 10%, X7R, 0805	0805
D1, D2	2	MBR0540T1G	MBR0540T1G	ON Semiconductor	Diode, Schottky, 40 V, 0.5 A, SOD-123	SOD-123
D3	1	5.6V	BZT52C5V6T-7	Diodes Inc.	Diode, Zener, 5.6 V, 300 mW, SOD-523	SOD-523
D4, D5	2	MBR0580-TP	MBR0580-TP	Micro Commercial Components	Diode, Schottky, 80 V, 0.5 A, SOD-123	SOD-123
D6	1	DNP	DNP	Diodes Inc.	DNP	SOD-323
D7	1	15V	BZX384-C15,115	NXP Semiconductor	Diode, Zener, 15 V, 300 mW, SOD-323	SOD-323
D8	1	BAT54WS-7-F	BAT54WS-7-F	Diodes Inc.	Diode, Schottky, 30 V, 0.2 A, SOD-323	SOD-323
J1	1		39357-0002	Molex	Terminal Block, 3.5 mm, 2x1, Tin, TH	Terminal Block, 3.5 mm, 2x1, TH
J2	1		39357-0003	Molex	Terminal Block, 3.5 mm, 3x1, Tin, TH	Terminal Block, 3.5 mm, 3x1, TH
Q1, Q2	2	100V	DMN10H220L-7	Diodes Inc.	MOSFET, N-CH, 100 V, 1.4 A, SOT-23	SOT-23
Q3	1	MMBT3904LT1G	MMBT3904LT1G	ON Semiconductor	Transistor, NPN, 40 V, 0.2 A, SOT-23	SOT-23
R1, R2	2	47.5k	CMF5047K500FHEB	Vishay-Dale	RES, 47.5 k, 1%, 0.25 W, Axial	Axial
R3	1	1.00k	ERJ-3EKF1001V	Panasonic	RES, 1.00 k, 1%, 0.1 W, 0603	0603
R4	1	10.0k	RCG060310K0FKEA	Vishay Draloric	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R100	1	0 Ohm	0 Ohm	Panasonic	RES, 1.00 k, 1%, 0.1 W, 0603	0603
T1	1	750317843R03	750317843R03	Wurth Elektronik	Transformer, 1470 uH, SMT	9.25x11.63mm
U1	1	SN6505BDBVR	SN6505BDBVR	Texas Instruments	Low-Noise 1 A, 420 kHz Transformer Driver, DBV0006A (SOT-23-6)	DBV0006A

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