

Variant: 001
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PMP23472 REV B Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1	1	0.1uF	8.85012E+11	Wurth Elektronik	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, 0402	0402
2	C4	1	3.3uF	C3225X7S2A335M200AB	TDK	CAP, CERM, 3.3 uF, 100 V, +/- 20%, X7S, 1210	1210
3	C5	1	10uF	KGM31HR71E106KU	KYOCERA AVX	10 uF ±10% 25V Ceramic Capacitor X7R 1206 (3216 Metric)	1206
4	D2	1	100V	MBR1H100SFT3G	ON Semiconductor	Diode, Schottky, 100 V, 1 A, SOD-123FL	SOD-123FL
5	J1	1		877600616	Molex	Connector Header Through Hole, Right Angle 6 position 0.079" (2.00mm)	HDR6
6	L1	1	150uH	LPS4040-154MRC	Coilcraft	150 uH +/- 20% Shielded Power Inductor, 0.68 Ohms Series Resistance, 6.1 MHz SRF	SMD2
7	R1	1	137k	CRCW0402137KFKED	Vishay-Dale	RES, 137 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
8	R2	1	13.0k	CRCW040213K0FKED	Vishay-Dale	RES, 13.0 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
9	R3	1	105k	CRCW0402105KFKED	Vishay-Dale	RES, 105 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
10	R8	1	6.04k	CRCW04026K04FKED	Vishay-Dale	RES, 6.04 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
11	U1	1		LV2862XLVDDCR	Texas Instruments	High Efficiency Wide Input Voltage Range Buck Converter	SOT23-6-THIN