

Variant: 001
Generated: 3/30/2022 9:16 AM
TID #: N/A



PMP23126.3 REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1	1	0.1uF	C1608X5R1H104K080AA	TDK	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X5R, 0603	603
2	C2, C3	2	100pF	C0603C101J5GACTU	Kemet	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0603	603
3	C4	1	0.01uF	GRM188R71E103KA01D	MuRata	CAP, CERM, 0.01 uF, 25 V, +/- 10%, X7R, 0603	603
4	D1	1	15V	MMSZ5245BS-7-F	Diodes Inc.	Diode, Zener, 15 V, 200 mW, SOD-323	SOD-323
5	D2	1	100V	BAS316,115	Nexperia	Diode, Ultrafast, 100 V, 0.25 A, SOD-323	SOD-323
6	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10	10	25V	CSD16570Q5B	Texas Instruments	MOSFET, N-CH, 25 V, 100 A, DNK0008A (VSON-CLIP-8)	DNK0008A
7	R1	1	5.11k	CRCW04025K11FKED	Vishay-Dale	RES, 5.11 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	402
8	R2, R4, R6	3	10.0k	RC0402FR-0710KL	Yageo America	RES, 10.0 k, 1%, 0.063 W, 0402	402
9	R3	1	10	MCR01MZPF10R0	Rohm	RES, 10.0, 1%, 0.063 W, 0402	402
10	R5	1	100k	RC0402FR-07100KL	Yageo America	RES, 100 k, 1%, 0.0625 W, 0402	402
11	R7	1	549	CRCW0402549RFKED	Vishay-Dale	RES, 549, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	402
12	R8, R9, R10, R11, R12, R13, R14, R15, R16, R17	10	0.001	WSLP20101L000FEA	Vishay-Dale	RES, 0.001, 1%, 2 W, 2010	2010
13	U1	1		TPS2411PWR	Texas Instruments	N+1 and OR-ing Power Rail Controller, 0.8 to 16.5 V, -40 to 85 degC, 14-pin TSSOP (PW), Green (RoHS & no Sb/Br)	PW0014A