

PMP22001 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB700	1		PMP22001	Any	Printed Circuit Board	
C700, C701, C704, C705, C706, C707	6	0.1uF	C1005X7R1H104K050BB	TDK	CAP, CERM, 0.1 μ F, 50 V,+/- 10%, X7R, 0402	0402
C702, C703, C708, C713, C717, C721	6	4.7uF	CGA4J3X5R1H475K125AB	TDK	CAP, CERM, 4.7 μ F, 50 V,+/- 10%, X5R, AEC-Q200 Grade 3, 0805	0805
C710, C715, C719, C723	4	0.01uF	GRM155R71H103KA88D	MuRata	CAP, CERM, 0.01 μ F, 50 V,+/- 10%, X7R, 0402	0402
C711, C712	2	100pF	0402YC101KAT2A	AVX	CAP, CERM, 100 pF, 16 V,+/- 10%, X7R, 0402	0402
C716	1	2200pF	885012205027	Wurth Elektronik	CAP, CERM, 2200 pF, 16 V,+/- 10%, X7R, 0402	0402
C720	1	0.1uF	0402YC104KAT2A	AVX	CAP, CERM, 0.1 μ F, 16 V,+/- 10%, X7R, 0402	0402
D700, D701	2	40V	SS14FL	Fairchild Semiconductor	Diode, Schottky, 40 V, 1 A, AEC-Q101, SOD-123F	SOD-123F
J700	1		CLT-102-02-G-D-BE	Samtec	Receptacle, 2mm, 2x2, Gold, SMT	Receptacle, 2mm, 2x2, SMT
J701	1		CLT-104-02-G-D	Samtec	CONN RCPT 8POS 0.079 GOLD SMD	HDR8
R700, R701	2	4.7k	AC0805JR-074K7L	Yageo America	RES, 4.7 k, 5%, 0.125 W, 0805	0805
R702, R703	2	3.01k	CRCW04023K01FKED	Vishay-Dale	RES, 3.01 k, 1%, 0.063 W, 0402	0402
R704, R705	2	4.99k	CRCW04024K99FKED	Vishay-Dale	RES, 4.99 k, 1%, 0.063 W, 0402	0402
R706, R711	2	5.11	CRCW06035R11FKEA	Vishay-Dale	RES, 5.11, 1%, 0.1 W, 0603	0603
R707, R713	2	1.00	RC0603FR-071RL	Yageo America	RES, 1.00, 1%, 0.1 W, 0603	0603
R708, R710	2	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402
R709, R714	2	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R712	1	3.09k	CRCW04023K09FKED	Vishay-Dale	RES, 3.09 k, 1%, 0.063 W, 0402	0402
R715, R716	2	5.1k	CRCW04025K10JNED	Vishay-Dale	RES, 5.1 k, 5%, 0.063 W, 0402	0402
TP700, TP701, TP702, TP703	4		3104-2-00-34-00-00-08-0	Mill-Max	PCB Pin, Swage Mount, TH	3104-2
U700, U701	2		TL431AQDBZRQ1	Texas Instruments	Automotive Catalog Adjustable Precision Shunt Regulator, 34 ppm / degC, 100 mA, -40 to 125 degC, 3-pin SOT-23 (DBZ), Green (RoHS & no Sb/Br)	DBZ0003A
U702	1		UCC21530QDWKRQ1	Texas Instruments	4-A, 6-A, 5.7-kVRMS Isolated Dual-Channel Gate Driver with Enable, DWK0014A (SOIC-14)	DWK0014A