

PMP21553 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB700	1		PMP21553	Any	Printed Circuit Board	
C700, C701, C703, C705, C709, C711, C712, C713, C714, C716, C719, C725, C728	13	0.1uF	CGA3E2X7R1E104K080AA	TDK	CAP, CERM, 0.1 μ F, 25 V,+/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
C702, C704	2	10uF	GRT188C81A106ME13D	MuRata	CAP, CERM, 10 μ F, 10 V,+/- 20%, X6S, AEC-Q200 Grade 2, 0603	0603
C706, C707, C708, C710, C715, C718, C724, C727	8	4.7uF	GRT21BR61H475KE13L	MuRata	CAP, CERM, 4.7 μ F, 50 V,+/- 10%, X5R, AEC-Q200 Grade 3, 0805	0805
C717, C720, C726, C729	4	0.01uF	CGA3E2C0G1H103J080AA	TDK	CAP, CERM, 0.01 μ F, 50 V,+/- 5%, C0G/NP0, AEC-Q200 Grade 1, 0603	0603
C721, C722	2	100pF	GCM1885C2A101JA16D	MuRata	CAP, CERM, 100 pF, 100 V,+/- 5%, C0G/NP0, AEC-Q200 Grade 1, 0603	0603
C723	1	2200pF	GRM188R71C222KA01D	MuRata	CAP, CERM, 2200 pF, 16 V,+/- 10%, X7R, 0603	0603
D700, D701	2	70V	BAV70-E3-08	Vishay-Semiconductor	Diode, Switching, 70 V, 0.25 A, AEC-Q101, SOT-23	SOT-23
J700	1		90122-0763	Molex	Header, 2.54mm, 3x2, Gold, R/A, TH	Header, 2.54mm, 3x2, R/A, TH
R700, R701	2	4.7k	CRCW08054K70JNEA	Vishay-Dale	RES, 4.7 k, 5%, 0.125 W, 0805	0805
R702, R703	2	3.01k	RT0603DRE073K01L	Yageo America	RES, 3.01 k, 0.5%, 0.1 W, 0603	0603
R704, R705	2	4.99k	RT0603DRE074K99L	Yageo America	RES, 4.99 k, 0.5%, 0.1 W, 0603	0603
R706, R707	2	5.1k	RC0603JR-075K1L	Yageo America	RES, 5.1 k, 5%, 0.1 W, 0603	0603
R709, R710	2	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
R711	1	3.09k	CRCW06033K09FKEA	Vishay-Dale	RES, 3.09 k, 1%, 0.1 W, 0603	0603
T600, T601	2		750317722	Wurth Elektronik	Transformer, 320 uH, SMD	7.14x6.73mm
TP701, TP702, TP703, TP704	4		3620-2-32-15-00-00-08-0	Mill-Max	PCB Pin, 0.04" DIA, Edge-Mount	PCB Pin, 0.04" DIA, Edge-Mount
U700, U701	2		SN6505BDBVR	Texas Instruments	Low-Noise 1 A, 420 kHz Transformer Driver, DBV0006A (SOT-23-6)	DBV0006A
U702, U703	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
U704	1		UCC21530QDWKRQ1	Texas Instruments	4-A, 6-A, 5.7-kVRMS Isolated Dual-Channel Gate Driver with Enable, DWK0014A (SOIC-14)	DWK0014A

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