

Bill of Materials

Bill of Materials For Schematic Document [PMP 15008.SchDoc]

Source Data From: PMP 15008.SchDoc
 Project: PMP 15008.PrjPcb
 Variant: None

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Footprint	Part Number	Designator	Description	Quantity
0603	C1608X5R1E106M080AC	C1	CAP, CERM, 10 µF, 25 V, +/- 20%, X5R, 0603	1
0603	GRM188R61E104KA01D	C2	CAP, CERM, 0.1 µF, 25 V, +/- 10%, X5R, 0603	1
0402	GRM155R61E105KA12D	C3	CAP, CERM, 1 µF, 25 V, +/- 10%, X5R, 0402	1
0402	GRM155R71A473KA01D	C4, C5	CAP, CERM, 0.047 µF, 10 V, +/- 10%, X7R, 0402	2
0805_HV	GRM21BR71A225MA01L	C6	CAP, CERM, 2.2 µF, 10 V, +/- 20%, X7R, 0805	1
0402	GRM155R61A475M	C7	CAP, CERM, 4.7 µF, 10 V, +/- 20%, X5R, 0402	1
0805	GRM219R60G476ME44D	C8	CAP, CERM, 47 µF, 4 V, +/- 20%, X5R, 0805	1
0805	GRM21BR60G107ME15L	C9	CAP, CERM, 100 µF, 4 V, +/- 20%, X5R, 0805	1
0402	C1005C0G1H471J	C10	CAP, CERM, 470 pF, 50 V, +/- 5%, C0G/NP0, 0402	1
Keystone_Min	5015	GND, GND, VG, VIN, VOUT	Test Point, Miniature, SMT	5
3.2 x 2.5 mm	HMLW32251B-R22MS-79	L1, L2	Inductor, Powdered Iron, 220 nH, 7.6 A, 0.009 ohm, SMD	2
0402	CRCW040222K1FKED	R1	RES, 22.1 k, 1%, 0.063 W, 0402	1
0402	CRCW04021K00FKED	R2	RES, 1.00 k, 1%, 0.063 W, 0402	1
0402	CRCW04021K40FKED	R3	RES, 1.40 k, 1%, 0.063 W, 0402	1
3.5 x 4 mm	TPS54A20	U1	8-V to 14-V Input, 10-A, up to 10-MHz SWIFT™ Step Down Converter	1
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Approved	Notes

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