

Filename: PMP10638 BOM
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Change in menu Project

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
Cbias1	1	1uF	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0402	0402	C1005X5R1C105K050B C	TDK
Cbias2	1	4.7uF	CAP, CERM, 4.7uF, 25V, +/-10%, X5R, 0805	0805	GRM21BR61E475KA12 L	MuRata
Ccomp1	1	0.022uF	CAP, CERM, 0.022uF, 50V, +/-10%, X7R, 0603	0603	C1608X7R1H223K	TDK
Cin1	0	220uF	CAP, AL, 220uF, 2.5V, +/-20%, 0.007 ohm, TH	5.0x8.0mm	APSK2R5ELL221ME08 S	Nippon Chemi-Con
Cin2, Co1	2	100uF	CAP, CERM, 100uF, 6.3V, +/-20%, X5R, 1210	1210	GRM32ER60J107ME20 L	MuRata
Cin4	1	0.1uF	CAP, CERM, 0.1uF, 16V, +/-10%, X7R, 0603	0603	C1608X7R1C104K	TDK
Co2, Co3	2	100uF	CAP, CERM, 100uF, 6.3V, +/-20%, X5R, 1210	1210	C3225X5R0J107M	TDK
J1, J2, J3	3		TERMINAL BLOCK 5.08MM VERT 2POS, TH	TERM_BLK, 2pos, 5.08mm	ED120/2DS	On-Shore Technology
R5	1	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	CRCW06030000Z0EA	Vishay-Dale
Rcomp1	1	1.2k	RES, 1.2k ohm, 5%, 0.1W, 0603	0603	RC0603JR-071K2L	Yageo America
Rset	1	187	RES, 187 ohm, 1%, 0.1W, 0603	0603	CRCW0603187RFKEA	Vishay-Dale
Rt	1	63.4k	RES, 63.4k ohm, 1%, 0.1W, 0603	0603	RC0603FR-0763K4L	Yageo America
U1	1		10A SIMPLE SWITCHER Power Module with 2.95V- 17V Input and Current Sharing in QFN Package, RVQ0042A	RVQ0042A	LMZ31710RVQ	Texas Instruments

Notes:

Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.

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