

Filename: PMP10563 Bom
 Variant: REVA
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Change in menu Project

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C1	1	47uF	CAP, CERM, 47uF, 16V, +/-15%, X5R, 1206	1206	C3216X5R1C476M160A B	TDK
C3	1	1uF	CAP, CERM, 1uF, 10V, +/-10%, X5R, 0805	0805	C2012X5R1A105K/0.85	TDK
C4, C9	2	1500pF	CAP, CERM, 1500pF, 50V, +/-5%, C0G/NP0, 0603	0603	C1608C0G1H152J	TDK
C5	1	0.01uF	CAP, CERM, 0.01uF, 16V, +/-10%, X7R, 0603	0603	GRM188R71C103KA01 D	MuRata
C6	1	10uF	CAP, CERM, 10uF, 25V, +/-20%, X7R, 1210	1210	C3225X7R1E106M	TDK
C8	1	1uF	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0805	0805	C2012X7R1C105K	TDK
C10	1	22uF	CAP, CERM, 22uF, 6.3V, +/-20%, X5R, 1206	1206	C3216X5R0J226M	TDK
C11	1	10uF	CAP, CERM, 10uF, 6.3V, +/-10%, X5R, 1206	1206	C3216X5R0J106K	TDK
C12	1	1uF	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	0603	GRM188R61C105KA93 D	MuRata
C13	1	0.022uF	CAP, CERM, 0.022uF, 16V, +/-10%, X7R, 0603	0603	GRM188R71C223KA01 D	MuRata
D1	1	100V	Diode, Schottky, 100V, 2A, SMB	SMB	B2100-13-F	Diodes Inc.
FID1, FID2, FID3	3		Fiducial mark. There is nothing to buy or mount.	Fiducial	N/A	N/A
H1, H2, H5, H6	4		Standoff, Hex, 0.5"L #4-40 Nylon	Standoff	1902C	Keystone
H3, H4, H7, H8	4		Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw	NY PMS 440 0025 PH	B&F Fastener Supply
J1, J3	2		Terminal Block, 8A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm	691 111 710 002	We-Online
R3	1	0	RES, 0 ohm, 5%, 0.125W, 0805	0805	CRCW08050000Z0EA	Vishay-Dale
R4	1	51.1k	RES, 51.1k ohm, 1%, 0.1W, 0603	0603	RC0603FR-0751K1L	Yageo America
R5	1	10.0	RES, 10.0 ohm, 1%, 0.1W, 0603	0603	CRCW060310R0FKEA	Vishay-Dale
R6	1	49.9k	RES, 49.9k ohm, 0.1%, 0.1W, 0603	0603	RT0603BRD0749K9L	Yageo America
R7	1	442k	RES, 442k ohm, 1%, 0.1W, 0603	0603	CRCW0603442KFKEA	Vishay-Dale
R8	1	22k	RES, 22k ohm, 5%, 0.1W, 0603	0603	CRCW060322K0JNEA	Vishay-Dale
R9	1	90.9k	RES, 90.9k ohm, 1%, 0.1W, 0603	0603	CRCW060390K9FKEA	Vishay-Dale
R12	1	2.4k	RES, 2.4k ohm, 5%, 0.1W, 0603	0603	CRCW06032K40JNEA	Vishay-Dale
T1	1		Würth Transformer, Lpri=20uH, Np:Ns=1:2.4,4000Vac Iso	NA	750342627	Würth
U1	1		IC, PWM, COT Controller	DNT0012B	LM5160	Texas Instruments
R10	0	15.4k	RES, 15.4k ohm, 1%, 0.1W, 0603	0603	RC0603FR-0715K4L	Yageo America

Notes:

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

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