

**PMP20978\_Winding\_Sec2 REV A Bill of Materials**

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB300	1		PMP20978_Winding_Sec2	Any	Printed Circuit Board	
C300, C301, C302, C303	4	2.2uF	GRM31CR72A225KA73L	MuRata	CAP, CERM, 2.2 μF, 100 V, +/- 10%, X7R, 1206_190	1206_190
C306	1	0.1uF	0402YC104KAT2A	AVX	CAP, CERM, 0.1 μF, 16 V, +/- 10%, X7R, 0402	0402
C307	1	2.2uF	GRM155R61C225KE11D	MuRata	CAP, CERM, 2.2 μF, 16 V, +/- 10%, X5R, 0402	0402
D300	1	100V	BAS316,115	NXP Semiconductor	Diode, Ultrafast, 100 V, 0.25 A, SOD-323	SOD-323
J3	1		MMS-110-01-F-SH	Samtec	Receptacle, 2mm, 10x1, Gold with Tin tail, R/A, TH	Receptacle, 2mm, 10x1, R/A, TH
J300, J306, J310	3		5102	Keystone	Shorting Jumper, 5.375mm, 2 Position, Tin, SMT	Shorting Jumper, 5.375mm, 2 Position, SMT
Q300	1	150V	EPC2033ENGRT	EPC	MOSFET, N-CH, 150 V, 31 A, 4.6x2.6mm	4.6x2.6mm
Q301	1	200V	ZVN3320FTA	Diodes Incorporated	MOSFET N-CH 200V 60MA SOT23-3	SOT-23
R300, R304	2	10.0k	CRCW040210K0FKED	Vishay-Dale	RES, 10.0 k, 1%, 0.063 W, 0402	0402
R301	1	1.00	CRCW04021R00FKED	Vishay-Dale	RES, 1.00, 1%, 0.063 W, 0402	0402
R302	1	20.0	CRCW040220R0FKED	Vishay-Dale	RES, 20.0, 1%, 0.063 W, 0402	0402
R303	1	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402
U300	1		UCD7138DRS	Texas Instruments	UCD7138 Low Side Power MOSFET Driver with Body Diode Conduction Sensing	DRS0006A

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