Filename: PMP30342RevB - BoM.xls
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PMP30342 REV B Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C2	1	10uF	GRM32ER71H106MA12	MuRata	CAP, CERM, 10 µF, 50 V,+/- 20%, X7R, 1210	1210
2	C3	1	1uF	GRM188R71E105KA12D	MuRata	CAP, CERM, 1 µF, 25 V,+/- 10%, X7R, 0603	0603
3	C4	1	0.47uF	GRM188R71E474KA12D	MuRata	CAP, CERM, 0.47 µF, 25 V,+/- 10%, X7R, 0603	0603
4	C6	1	2.2uF	C3225X7R1H225K250AB	TDK	CAP, CERM, 2.2 µF, 50 V,+/- 10%, X7R, 1210	1210
5	C7	1	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1 µF, 50 V,+/- 10%, X7R, 0603	0603
6	C8, C9, C10	3	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22 µF, 25 V,+/- 10%, X7R, 1210	1210
7	D1	1	40V	B340B-13-F	Diodes Inc.	Diode, Schottky, 40 V, 3 A, SMB	SMB
8	J1, J2, J3, J4, J5	5		61300211121	Wurth Elektronik	Header, 2.54 mm, 2x1, Gold, TH	Header, 2.54mm, 2x1, TH
9	J6	1		61300311121	Wurth Elektronik	Header, 2.54 mm, 3x1, Gold, TH	Header, 2.54mm, 3x1, TH
10	L1	1	68uH	MSD7342-683MLB	Coilcraft	Coupled inductor, 68 µH, 1.1 A, 0.6 ohm, SMD	7.5x4.6x7.5mm
11	R1	1	78.7k	CRCW060378K7FKEA	Vishay-Dale	RES, 78.7 k, 1%, 0.1 W, 0603	0603
12	R2	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
13	R3	1	562	CRCW0603562RFKEA	Vishay-Dale	RES, 562, 1%, 0.1 W, 0603	0603
14	R4	1	113k	CRCW0603113KFKEA	Vishay-Dale	RES, 113 k, 1%, 0.1 W, 0603	0603
15	R5	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9, 1%, 0.1 W, 0603	0603
16	R6	1	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
17	U1	1		TPS55340QRTERQ1	Texas Instruments	Automotive Integrated, 5-A 40-V Wide Input Range Boost/SEPIC/Flyback DC-DC Regulator, RTE0016C (WQFN-16)	RTE0016C

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