



PMP10735 REV E1 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	!PCB	1		PMP10735	Any	Printed Circuit Board	
2	C1	1	0.47uF	GRM188R71E474KA12D	MuRata	CAP, CERM, 0.47 µF, 25 V, +/- 10%, X7R, 0603	0603
3	C2, C8, C9, C10	4	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1 µF, 50 V, +/- 10%, X7R, 0603	0603
4	C3, C7	2	1uF	GRM21BR71H105KA12L	MuRata	CAP, CERM, 1 µF, 50 V, +/- 10%, X7R, 0805	0805
5	C4, C6	2	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10 µF, 50 V, +/- 10%, X7R, 1210	1210
6	C5	1	47uF	EEE-FK1H470XP	Panasonic	CAP, AL, 47 µF, 50 V, +/- 20%, 0.68 ohm, SMD	SMT Radial D8
7	C11, C12	2	47uF	GRM32ER71A476KE15L	MuRata	CAP, CERM, 47 µF, 10 V, +/- 10%, X7R, 1210	1210
8	C13	1	100pF	GRM1885C1H101JA01D	MuRata	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
9	C14, C15	2	2.2uF	GRM188R71A225KE15D	MuRata	CAP, CERM, 2.2 µF, 10 V, +/- 10%, X7R, 0603	0603
10	FB1	1	600 ohm	FBMH3225HM601NT	Taiyo Yuden	Ferrite Bead, 600 ohm @ 100 MHz, 3 A, 1210 (H=2.5mm)	1210 (H=2.5mm)
11	GND1, IN+	2	Double	1502-2	Keystone	Terminal, Turret, TH, Double	Keystone1502-2
12	GND2, GND3, VIN, VO	4		5019	Keystone	Test Point, Miniature, SMT	Test Point, Miniature, SMT
13	H1, H2, H3, H4	4		NY PMS 440 0025 PH	B&F Fastener Supply	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw
14	H5, H6, H7, H8	4		1902C	Keystone	Standoff, Hex, 0.5"L #4-40 Nylon	Standoff
15	L1	1	11uH	7447798111	Wurth Elektronik	Inductor, Shielded, Metal Composite, 11 µH, 5.3 A, 0.014 ohm, SMD	10.2 x 6.4 x 10.2mm
16	LF1	1	3.3uH	CLF6045NIT-3R3N-D	TDK	Inductor, Wirewound, Ferrite, 3.3 µH, 3.5 A, 0.019 ohm, AEC-Q200 Grade 0, SMD	6.3x6mm
17	R1	1	1.00Meg	CRCW06031M00FKEA	Vishay-Dale	RES, 1.00 M, 1%, 0.1 W, 0603	0603
18	R2	1	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, 0603	0603
19	R3	1	249k	CRCW0603249KFKEA	Vishay-Dale	RES, 249 k, 1%, 0.1 W, 0603	0603
20	U1	1		LM43603QPWPRQ1	Texas Instruments	SIMPLE SWITCHER 3.5 V to 36 V 3-A Synchronous Step-Down Voltage Converter, PWP0016G	PWP0016G
21	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial

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