

Variant: 001  
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 TID #: PMP10733



**PMP10733 REV E3 Bill of Materials**

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPCB	1		PMP10733	Any	Printed Circuit Board	
2	C1, C10, C11	3	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22uF, 25V, +/-10%, X7R, 1210	1210
3	C2, C7, C12	3	0.1uF	C1608X7R1H104K	TDK	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603
4	C3, C9	2	0.01uF	C1608X7R1H103K	TDK	CAP, CERM, 0.01uF, 50V, +/-10%, X7R, 0603	0603
5	C4, C5	2	10uF	C3216X7R1E106M160AE	TDK	CAP, CERM, 10 uF, 25 V, +/- 20%, X7R, 1206_190	1206_190
6	C6	1	4.7uF	GRM31CR71H475KA12L	MuRata	CAP, CERM, 4.7 uF, 50 V, +/- 10%, X7R, 1206	1206
7	C8	1	1uF	C1608X7R1E105K080AB	TDK	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603
8	Cac	1	1000pF	C1608X7R1H102K	TDK	CAP, CERM, 1000pF, 50V, +/-10%, X7R, 0603	0603
9	Cr	1	0.01uF	GRM188R71H103KA01D	MuRata	CAP, CERM, 0.01uF, 50V, +/-10%, X7R, 0603	0603
10	D1	1	60V	RB160M-60TR	Rohm	Diode, Schottky, 60 V, 1 A, SOD-123	SOD-123
11	R1	1	768k	CRCW0603768KFKEA	Vishay-Dale	RES, 768 k, 1%, 0.1 W, 0603	0603
12	R2	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	0603
13	R3	1	22.6k	CRCW060322K6FKEA	Vishay-Dale	RES, 22.6 k, 1%, 0.1 W, 0603	0603
14	R4	1	3.01k	CRCW06033K01FKEA	Vishay-Dale	RES, 3.01 k, 1%, 0.1 W, 0603	0603
15	Rfbb, Rr	2	20.0k	CRCW060320K0FKEA	Vishay-Dale	RES, 20.0 k, 1%, 0.1 W, 0603	0603
16	Rfbt	1	133k	CRCW0603133KFKEA	Vishay-Dale	RES, 133 k, 1%, 0.1 W, 0603	0603
17	T1	1	22 uH	TA7848-AE	Coilcraft	Coupled Inductor, 22uH, 1.35A Irms, 2A Isat, 1:1.05 turns ratio, LPH8045 Hexagonal Package	LPH8045 Hexagonal Package Coupled Inductor
18	U1	1		LM5160DNTR	Texas Instruments	Wide Input 65V, 1.5A Synchronous Step-Down DC-DC Converter, DNT0012B	DNT0012B
19	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial

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