

PMP30781 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	100pF	GRM1885C1H101JA01D	MuRata	CAP, CERM, 100 pF, 50 V,+/- 5%, C0G/NP0, 0603	603
C2, C6	2	2.2uF	GRM31CR72A225KA73L	MuRata	CAP, CERM, 2.2 μF, 100 V,+/- 10%, X7R, 1206	1206
C3, C4	2	0.1uF	GRM188R72A104KA35D	MuRata	CAP, CERM, 0.1 μF, 100 V,+/- 10%, X7R, 0603	603
C5	1	1uF	GRM188R71E105KA12D	MuRata	CAP, CERM, 1 μF, 25 V,+/- 10%, X7R, 0603	603
C7	1	15pF	GRM1885C1H150JA01D	MuRata	CAP, CERM, 15 pF, 50 V,+/- 5%, C0G/NP0, 0603	603
C8	1	3300pF	GRM188R71E332KA01D	MuRata	CAP, CERM, 3300 pF, 25 V,+/- 10%, X7R, 0603	603
C9, C10	2	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22 μF, 25 V,+/- 10%, X7R, 1210	1210
C11	1	0.1uF	GRM188R71E104KA01D	MuRata	CAP, CERM, 0.1 μF, 25 V,+/- 10%, X7R, 0603	603
D1	1	100V	DFLS1100-7	Diodes Inc.	Diode, Schottky, 100 V, 1 A, PowerDI123	PowerDI123
J1, J2	2		ED555/2DS	On-Shore Technology	Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm
L1	1	47uH	LPD6235-473MRB	Coilcraft	Coupled inductor, 47 μH, 0.6 A, 0.315 ohm, SMD	6x6mm
R1	1	25.5k	CRCW060325K5FKEA	Vishay-Dale	RES, 25.5 k, 1%, 0.1 W, 0603	603
R2	1	10	CRCW060310R0FKEA	Vishay-Dale	RES, 10.0, 1%, 0.1 W, 0603	603
R3, R5	2	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, 0603	603
R4	1	11.8k	CRCW060311K8FKEA	Vishay-Dale	RES, 11.8 k, 1%, 0.1 W, 0603	603
R6	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9, 1%, 0.1 W, 0603	603
TP1	1	White	5002	Keystone	Test Point, Miniature, White, TH	White Miniature Testpoint
TP2, TP9	2		5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
TP3, TP8	2		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
TP7	1		5004	Keystone	Test Point, Miniature, Yellow, TH	Yellow Miniature Testpoint
U1	1		LM5001IDRQ1	Texas Instruments	Automotive Grade 3.1-75V Wide Vin, 1A Current Mode Non-Synchronous Switch Mode Regulator	D0008A (SOIC-8)

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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