

PMP30370 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	0.1uF	GRM188R71E104KA01D	MuRata	CAP, CERM, 0.1 μ F, 25 V, +/- 10%, X7R, 0603	0603
C2	1	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1 μ F, 50 V, +/- 10%, X7R, 0603	0603
C3, C4	2	47uF	GRM32ER71A476KE15L	MuRata	CAP, CERM, 47 μ F, 10 V, +/- 10%, X7R, 1210	1210
C7, C8	2	10uF	GRM32ER71J106KA12L	MuRata	CAP, CERM, 10 μ F, 63 V, +/- 10%, X7R, 1210	1210
C9	1	10pF	GRM1885C1H100JA01D	MuRata	CAP, CERM, 10 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C10	1	3900pF	GRM188R71E392KA01D	MuRata	CAP, CERM, 3900 pF, 25 V, +/- 10%, X7R, 0603	0603
C12	1	0.033uF	GRM188R71E333KA01D	MuRata	CAP, CERM, 0.033 μ F, 25 V, +/- 10%, X7R, 0603	0603
C13, C14	2	0.1uF	C2012X7R2A104K125AA	TDK	CAP, CERM, 0.1 μ F, 100 V, +/- 10%, X7R, 0805	0805
D2	1	80V	B180-13-F	Diodes Inc.	Diode, Schottky, 80 V, 1 A, SMA	SMA
J1, J2	2		ED555/2DS	On-Shore Technology	Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm
L1	1	3.3uH	XFL4020-332MEB	Coilcraft	Inductor, Shielded, Composite, 3.3 μ H, 2.9 A, 0.03 ohm	4x2x4mm, SMD
L2	1	100uH	SLF10145T-101M1R0-PF	TDK	Inductor, Shielded Drum Core, Ferrite, 100 μ H, 1 A, 0.2 ohm	SLF10145, SMD
R1	1	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, 0603	0603
R3	1	402k	CRCW0603402KFKEA	Vishay-Dale	RES, 402 k, 1%, 0.1 W, 0603	0603
R8	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9, 1%, 0.1 W, 0603	0603
R10	1	31.6k	CRCW060331K6FKEA	Vishay-Dale	RES, 31.6 k, 1%, 0.1 W, 0603	0603
R11	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R12	1	1.00Meg	CRCW06031M00FKEA	Vishay-Dale	RES, 1.00 M, 1%, 0.1 W, 0603	0603
R13	1	71.5k	CRCW060371K5FKEA	Vishay-Dale	RES, 71.5 k, 1%, 0.1 W, 0603	0603
TP10	1	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
TP13	1	Orange	5003	Keystone	Test Point, Miniature, Orange, TH	Orange Miniature Testpoint
TP14	1	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
U1	1		TPS57060QDGQRQ1	Texas Instruments	Automotive Catalog 3.5V to 60V Input, 0.5A, 2.5MHz Step Down, SWIFT(TM) Converter with Eco-Mode™	DGQ0010D, VSSOP-10

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