

PMP11670 REV 1.0 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB	1		PMP11670	Any	Printed Circuit Board	
C1, C10	2	10uF	GRM188R61A106ME69D	MuRata	CAP, CERM, 10 µF, 10 V, +/- 20%, X5R, 0603	0603
C2, C11	2	0.1uF	C0603C104K8RACTU	Kemet	CAP, CERM, 0.1 µF, 10 V, +/- 10%, X7R, 0603	0603
C3	1	0.47uF	GRM188R71A474KA61D	MuRata	CAP, CERM, 0.47 µF, 10 V, +/- 10%, X7R, 0603	0603
C4	1	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10 µF, 50 V, +/- 10%, X7R, 1210	1210
C5	1	0.47uF	C1608X7R1H474K080AC	TDK	CAP, CERM, 0.47 µF, 50 V, +/- 10%, X7R, 0603	0603
C6	1	2.2uF	GRM188R61A225KE34D	MuRata	CAP, CERM, 2.2 µF, 10 V, +/- 10%, X5R, 0603	0603
C7	1	47uF	GRM21BR61A476ME15	MuRata	CAP, CERM, 47 µF, 10 V, +/- 20%, X5R, 0805	0805
C8	1	47pF	GRM1555C1H470FA01D	MuRata	CAP, CERM, 47 pF, 50 V, +/- 1%, C0G/NP0, 0402	0402
C9, C12	2	22uF	GRM188R61A226ME15D	MuRata	CAP, CERM, 22 µF, 10 V, +/- 20%, X5R, 0603	0603
J1	1		5787617-1	TE Connectivity	Connector, Stacked Receptacle, USB Type A, R/A, Top Mount TH	CONNECTOR, USB TYPE A, TH 16.1x15.64x13.13 mm
L1	1	1uH	XAL4020-102MEB	Coilcraft	Inductor, Shielded, Composite, 1 µH, 8.75 A, 0.01 ohm, SMD	4x2.1x4mm
R1	1	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, 0603	0603
R2	1	19.1k	RT0603BRD0719K1L	Yageo America	RES, 19.1 k, 0.1%, 0.1 W, 0603	0603
R3, R7	2	46.4k	CRCW060346K4FKEA	Vishay-Dale	RES, 46.4 k, 1%, 0.1 W, 0603	0603
R4, R8	2	21.5k	CRCW060321K5FKEA	Vishay-Dale	RES, 21.5 k, 1%, 0.1 W, 0603	0603
R5	1	24.3k	CRCW060324K3FKEA	Vishay-Dale	RES, 24.3 k, 1%, 0.1 W, 0603	0603
R6, R9	2	10.0k	CRCW040210K0DHEDP	Vishay-Dale	RES, 10.0 k, 0.5%, 0.063 W, 0402	0402
U1	1		LM73605RNPR	Texas Instruments	3.5V to 36V 5A Synchronous Step-Down Voltage Regulator, RNP0030A	RNP0030A
U2, U3	2		TPS2549IRTERQ1	Texas Instruments	Automotive USB Charging Port Controller with Integrated Power Switch & Cable Compensation, RTE0016C	RTE0016C

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