

PMP10210 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1, C12	2	0.1uF	GRM188R71E104KA01D	MuRata	CAP, CERM, 0.1 μ F, 25 V, +/- 10%, X7R, 0603	0603
C2, C3, C4	3	22uF	GRM32ER71E226KE15L	MuRata	CAP, CERM, 22 μ F, 25 V, +/- 10%, X7R, 1210	1210
C5, C7	2	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10 μ F, 50 V, +/- 10%, X7R, 1210	1210
C9	1	10pF	GRM1885C1H100JA01D	MuRata	CAP, CERM, 10 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C10	1	0.015uF	GRM188R71E153KA01D	MuRata	CAP, CERM, 0.015 μ F, 25 V, +/- 10%, X7R, 0603	0603
D2	1	60V	MBRA160T3G	ON Semiconductor	Diode, Schottky, 60 V, 1 A, SMA	SMA
J1	1		ED555/3DS	On-Shore Technology	Terminal Block, 6A, 3.5mm Pitch, 3-Pos, TH	10.5x8.2x6.5mm
JP1	1	923345-06-C	923345-06-C	3M	Jumper, 0.600 inch length, PVC Insulation, AWG 22,	0.035 inch Dia.
L2	1	220uH	744777222	Würth Elektronik	Inductor, Shielded Drum Core, Metal Composite, 220 μ H, 0.44 A, 0.92 ohm, SMD	WE-PD-M
R1, R2	2	309k	CRCW0603309KFKEA	Vishay-Dale	RES, 309 k, 1%, 0.1 W, 0603	0603
R3	1	237k	CRCW0603237KFKEA	Vishay-Dale	RES, 237 k, 1%, 0.1 W, 0603	0603
R5	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 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	26.7k	CRCW060326K7FKEA	Vishay-Dale	RES, 26.7 k, 1%, 0.1 W, 0603	0603
R11	1	1.62k	CRCW06031K62FKEA	Vishay-Dale	RES, 1.62 k, 1%, 0.1 W, 0603	0603
TP1, TP3	2	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP2, TP4	2	White	5002	Keystone	Test Point, Miniature, White, TH	White Miniature Testpoint
TP12	1	Blue	5117	Keystone	Test Point, Miniature, Blue, TH	Blue Miniature Testpoint
TP13	1	Yellow	5004	Keystone	Test Point, Miniature, Yellow, TH	Yellow Miniature Testpoint
TP14, TP16	2	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		TPS54060ADGQ	Texas Instruments	Buck Inverting Buck-Boost Step Down Regulator with 3.5 to 60 V Input and 0.8 to 58 V Output, -40 to 150 degC, 10-Pin MSOP-PowerPAD (DGQ), Green (RoHS & no Sb/Br)	DGQ0010D

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