



PMP30044 REV B Bill of Materials

DNP = DO NOT POPULATE

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	DNP	QMK212B7102KD-T	Taiyo Yuden	CAP, CERM, 1000 pF, 250 V, +/- 10%, X7R, 0805	0805
C2	1	820uF	UCL1C821MNL1GS	Nichicon	CAP, AL, 820 µF, 16 V, +/- 20%, 0.08 ohm, SMD	D10xL10mm
C3	1	DNP	Used in BOM report	Used in BOM report	CAP, CERM, xxxF, xxV, [TempCo], xx%, [PackageReference]	Used in PnP output and some BOM reports
C4	1	10uF	EEUEE2W100U	Panasonic	CAP, AL, 10 µF, 450 V, +/- 20%, TH	Cap, 10x20mm
C5	1	0.1uF	R46KF310050P0K	Kemet	CAP, Film, 0.1 µF, 560 V, +/- 10%, TH	13x12x6mm
C6	1	0.1uF	C0603C104K5RACTU	Kemet	CAP, CERM, 0.1 µF, 50 V, +/- 10%, X7R, 0603	0603
C7	1	22uF	EEE-FK1V220R	Panasonic	CAP, AL, 22 µF, 35 V, +/- 20%, 0.7 ohm, SMD	SMT Radial C
C8	1	DNP	06035A100JAT2A	AVX	CAP, CERM, 10pF, 50V, +/-5%, C0G/NP0, 0603	0603
C9	1	47pF	C0603C470J5GACTU	Kemet	CAP, CERM, 47 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C10	1	3300pF	DE1E3KX332MN4AP01F	MuRata	CAP, CERM, 3300 pF, 300VAC, Y1	D10xT7mm
D1	1	100V	SS110-TP	Micro Commercial Component	Diode, Schottky, 100 V, 1 A, SMA	SMA
D2	1	600V	MB6S	Micro Commercial Component	Diode, Switching-Bridge, 600 V, 0.5 A, TO269AA	TO269AA
D3	1	DNP	MMBZ5245BLT1G	ON Semiconductor	Diode, Zener, 15 V, 225 mW, SOT-23	SOT-23
D4	1		TBD	Used in BOM report	Diode, Schottky, xxV, xxA, [PackageReference]	Used in PnP output and some BOM reports
D5	1	150V	BAV20WS-TP	Micro Commercial Component	Diode, P-N, 150 V, 0.2 A, SOD-323	SOD-323
L1, L2	2	1000uH	744741102	Würth Elektronik	Inductor, Wirewound, Ferrite, 1000 µH, 0.29 A	Dia 8.5x5.5mm
R1	1	10 ohm	B57236S0100M000	EPCOS Inc	Thermistor NTC, 10 ohm, 20%, Disc_11.5mmx6mm	Disc_11.5mmx6mm
R2	1	DNP	RC1206FR-07120KL	Yageo America	RES, 120 k, 1%, 0.25 W, 1206	1206
R3	1	10.0k	CRCW080510K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.125 W, 0805	0805
R4, R7	2	10.0k	RC1206FR-0710KL	Yageo America	RES, 10.0 k, 1%, 0.25 W, 1206	1206
R5	1	DNP	CRCW120610R0JNEA	Vishay-Dale	RES, 10, 5%, 0.25 W, 1206	1206
R6	1	33	CRCW080533R0JNEA	Vishay-Dale	RES, 33, 5%, 0.125 W, 0805	0805
R8	1	73.2k	CRCW060373K2FKEA	Vishay-Dale	RES, 73.2 k, 1%, 0.1 W, 0603	0603
R9	1	26.7k	CRCW060326K7FKEA	Vishay-Dale	RES, 26.7 k, 1%, 0.1 W, 0603	0603
R10	1	1.69k	CRCW06031K69FKEA	Vishay-Dale	RES, 1.69 k, 1%, 0.1 W, 0603	0603
T1	1	2mH	750871035	Würth Elektronik	Transformer, 2000 uH, TH	15.75x15mm
TP1, TP2	2		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP3, TP4	2		5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		UCC28910DR	Texas Instruments	High-Voltage Flyback Switcher with Primary-Side Regulation and Constant-Current Control, D0007A	D0007A

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