

## PMP10488 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1, C2, C3, C4	4	22uF	Std	Std	CAP, CERM, 22 $\mu$ F, 16 V, +/- 10%, X5R, 1206	1206
C5, C6, C7	3	470uF	EEFLX0E471R4	Panasonic	CAP, AL, 470uF, 2.5V, +/-20%, 4.5 ohm, SMD	7.3x2.0x4.3mm
C8, C11, C12	3	4.7uF	Std	Std	CAP, CERM, 4.7 $\mu$ F, 16 V, +/- 10%, X5R, 0603	0603
C9, C13	1	0.1uF	Std	Std	CAP, CERM, 0.1 $\mu$ F, 50 V, +/- 10%, X7R, 0402	0402
C10, C14	2	1000pF	Std	Std	CAP, CERM, 1000 pF, 25 V, +/- 10%, X5R, 0402	0402
C15	1	1uF	Std	Std	CAP, CERM, 1 $\mu$ F, 25 V, +/- 10%, X5R, 0603	0603
J1	1		ED120/2DS	On-Shore Technology	TERMINAL BLOCK 5.08MM VERT 2POS, TH	TERM_BLK, 2pos, 5.08mm
J2	1		TSW-104-07-G-D	Samtec	Header, 100mil, 4x2, Gold, TH	4x2 Header
L1	1	680nH	PIMB104T-R68MS	Cyntec	Inductor, Square Pot Core, Powdered Iron, 680nH, 15.5A, 0.0056 ohm, SMD	11x3x10mm
R1	1	5.11k	Std	Std	RES, 5.11 k, 1%, 0.063 W, 0402	0402
R2, R4, R6, R9	4	100k	Std	Std	RES, 100 k, 1%, 0.063 W, 0402	0402
R3	1	2.2	Std	Std	RES, 2.2, 5%, 0.063 W, 0402	0402
R5	1	8.66k	Std	Std	RES, 8.66 k, 1%, 0.063 W, 0402	0402
R7	1	30.1k	Std	Std	RES, 30.1 k, 1%, 0.063 W, 0402	0402
R8	1	2.2	Std	Std	RES, 2.2 ohm, 5%, 0.25W, 1206	1206
R10	1	120k	Std	Std	RES, 120 k, 5%, 0.063 W, 0402	0402
R11	1	0	Std	Std	RES, 0, 5%, 0.063 W, 0402	0402
R12	1	301k	Std	Std	RES, 301 k, 1%, 0.063 W, 0402	0402
R13, R14, R15, R16	4	10.0k	Std	Std	RES, 10.0 k, 1%, 0.063 W, 0402	0402
T1, T2	2	50A	CB35-36-CY	Panduit	Terminal 50A Lug	CB35-36-CY
TP1, TP3	2	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP2, TP4	2	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		TPS53355DQPR	Texas Instruments	High-Efficiency 30 A Synchronous Buck Converter with Eco-mode, DQP0022A	DQP0022A
U2	1		LM10011SD/NOPB	Texas Instruments	1% Accuracy 4 / 6-Bit VID Voltage Programmer for Point of Load Regulator with Adjustable Start-up Current, DSC0010A	DSC0010A

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