

Bill of Materials

TI DESIGNS

PMP7668 BOM Revision B

Item	Qty	Reference	Value	Description	Part Number	Manufacturer	Size
1	1	C1	0.1uF	Capacitor, Leaded, 760 VDC, ±10%	PHE840MA6100KA04R17	Kemet	0.157 x 0.512 inch
2	2	C2, C3	10uF	Capacitor, Alum Electrolytic 400V, ±20%	UCA2G100MPD1TD	Nichicon	10.00 mm Dia
3	1	C4	10uF	Capacitor, Alum Elect, 25V, ±20%	Std	Std	5 x 11 mm
4	1	C5	220 uF	Capacitor, Alum Electrolytic, 25V, ±20%	25YXG220MEFC8X11.5	Rubycon	8 x 11.5 mm
5	2	C6, C7	0.1uF	Capacitor, Ceramic Chip, X7R, 50V, ±10%	Std	Std	805
6	1	D1	1N4007	Diode, Rectifier, 1000V, 1A	1N4007	Diodes	DO-41
7	2	D2, D3	1N4937	Diode, Fast, 600V, 1A	1N4937	Fairchild	DO-41
8	1	FR1	10	Fusible resistor, 0.5W	NFR25H0001009J	Vishay	2.5 x 7.5 mm
9	1	L1	4.7mH	Inductor, 150mA, 25ohm	744741472	Würth Elektronik	8.5 x 5.5mm
10	1	L2	820uH	Inductor, 0.7A, 1.56ohm	7447728215	Würth Elektronik	7.8 x 9.5mm

11	1	Q1	KSC5026 M	Trans, NPN Medium Power, 800V, 1.5A	KSC5026MOS	Fairchild	TO-126
12	1	R1	150K	Resistor, Chip, 1/4W, 1%	Std	Std	1206
13	1	R2	100K	Resistor, Chip, 1/8W, 1%	Std	Std	805
14	1	R3	0.75	Resistor, Chip, 1/2W, 5%	CRL1206-FW-R750ELF	Bourns	1206
15	4	R4, R5, R6, R7	1M	Resistor, Chip, 1/4W, 5%	Std	Std	1206
16	1	R8	68.1K	Resistor, Chip, 1/8W, 1%	Std	Std	805
17	1	RT1	510V	MOV, 510VAC	MOV-10D821KTR	Bourns	10mm dia
18	1	U1	UCC2872 2	IC, CV/CC PWM With Primary Side Regulation	UCC28722DBV	TI	SOT-23
19	1	U2	TLV7043 3	IC, 24-V Input, 150 mA, Utralow IQ LDO Regulator	TLV70433DBV	TI	SOT-23

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