

## PMP4480 BOM

Item	Qty	Reference	Type	Part Name	MFR	Value	Package	Description
1	1	C4	Ceramic	STD	TDK	10uF, 25V	805	Capacitor, Ceramic, Chip, 10%
2	1	C7	Ceramic	C3216C0G2J471J	TDK	470pF, 630V	1206	Capacitor, Ceramic, Chip, 5%
3	1	C6	Ceramic	Std	Std	NA	603	Capacitor, Ceramic, Chip, 10%
4	1	C8	Ceramic	Std	Std	0.1uF	603	Capacitor, Ceramic, Chip, 10%
5	1	C10	Y1 capacitor	Std	Std	470pF	TH type	Capacitor, Ceramic, 5%
6	1	D3, D4, D7, D8	Bridge rectifier Di	DFLR1600	Diodes	1A, 600V	SOD123FL	Standard Rectifier, 1A, 600V
7	1	D2	Schottky rectifier	PDS5100	Diodes	5A, 100V	SOD123FL	Schottky Rectifier, 2A, 40V
8	1	D5	Standard rectifier	DFLR1600	Diodes	1A, 600V	SOD123FL	Standard Rectifier, 1A, 600V
9	1	D6	Switching diode	BAS20HT1G	ON	0.2A, 200V	SOD323	Switching diode, SMD
10	1	Q1	MOSFET	STD5NM60	ST	6A, 600V	IPAK	NMOS, 6A, 600V, IPAK
11	1	L1	Axial leaded fixed	7447462221	Würth	220uH	TH type	Axial leaded fixed inductor
12	1	T1	Transformer	750341984	WE-midcon		TH type	EE16C-8pin
13	1	R2	Resistor	Std	Std	330k	603	Resistor, Chip, 1/8W, 1%,
14	1	R4	Resistor	Std	Std	2.2	603	Resistor, Chip, 1/8W, 1%
15	1	R7	Resistor	Std	Std	NA	805	Resistor, Chip, 1/5W, 1%
16	1	R8	Resistor	Std	Std	68K	805	Resistor, Chip, 1/5W, 1%
17	1	R9	Resistor	Std	Std	47k	603	Resistor, Chip, 1/8W, 1%
18	1	R10	Resistor	Std	Std	220	603	Resistor, Chip, 1/8W, 1%
19	1	R3	Resistor	Std	Std	120	1206	Resistor, Chip, 1/4W, 1%
20	1	R6	Resistor	Std	Std	330k	1206	Resistor, Chip, 1/4W, 1%
21	2	R12 R13	Resistor	Std	Std	1.6	805	Resistor, Chip, 1/8W, 1%
22	1	R1	Resistor	Std	Std	10k	805	Resistor, Chip, 1/5W, 1%
23	1	R14	Resistor	Std	Std	10k	805	Resistor, Chip, 1/5W, 1%
24	1	R18	Resistor	Std	Std	1M	603	Resistor, Chip, 1/8W, 1%
25	1	FUSE	Resistor fuse	Std	Std	2A, 250v	Axial lea	Resistor fuse
26	1	R5	Resistor	Std	Std	100k	805	Resistor, Chip, 1/5W, 1%
27	2	C1-2	Electrolytic capaci	AX Series/KSH10	Rubycon/T	10uF, 400V	10mm(die.size, 10mmx12.5mm	
28	2	C3 C5	Electrolytic capaci	GK Series	SAMXON	330uF, 16V	6.3mm(die.size, 6.3mmx8mm	
29	1	U1	PSR controller	UCC28710	TI		SO-8	PSR controller

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