

PMP4362 BOM

Item	Qty	Reference	Description	Value	Part Number	MFR	Size
1	1	D2	Switching Diode, 0.2A,/200V	BAS20LT1G	BAS20LT1G	ON	SOT23
2	1	C5	Capacitor, Ceramic	NA		muRata	0603
3	1	C7	CAP CER 4.7UF 10V X7R 0805	4.7uF/10V	STD	muRata	0603
4	1	C8	Capacitor, Ceramic	NA		muRata	1210
5	1	C3	Capacitor, Ceramic	NA		muRata	1210
6	2	C1-2	CAP FILM 0.15UF 450VDC RADIAL	0.15uF	ECW-F2W154	Panasonic	
7	1	D1	DIODE BRIDGE 0.5A 600V 4DIP	0.5A/600V	B6M	Vishay	
8	1	D5	DIODE ULT FAST 3A 600V SMB	MURS360B		ON	SMB
9	1	C11	ED2C101B CAP ALUM 100UF 160V 20% RADIAL	160V/100uF	EEU-ED2C101	Panasonic	
10	1	T1	EE16C, 600uH	EE16C		Mid-com	
11	1	F1	Square fuse, 1A/300V, size: 8.5mm(L)X4(W)mmX8mm(H)	1A/300Vac (T)	3691100000	Littlefuse	
12	1	E4	SUR ABSORBER 5MM 470V 600A ZNR	ERZV05D471	ERZV05D471	Panasonic	
13	1	L4	CM Choke, T6-3-2, 150uH	150uH	BC-00347-T6	BOCHANG	
14	1	L3	6mm jumper, $\Phi=0.6\text{mm}$	Jumper	STD	STD	
15	1	L1	INDUCTOR 4700UH .24A 8095 RAD	4.7mH	744772472	Wurth	
16	1	C9		NA		muRata	
17	1	C14		NA		muRata	
18	1	R3	Resistor, Chip, 1/10W, 1%	0R	STD	STD	0603
19	1	R2	Resistor, Chip, 1/8W, 5%	200K	STD	STD	0805
20	1	R9	Resistor, Chip, 1/10W, 1%	36K	STD	STD	0603
21	1	R10	Resistor, Chip, 1/10W, 1%	4.3K	STD	STD	0603
22	1	R13	Resistor, Chip, 1/10W, 1%	51K	STD	STD	0603
23	2	R14-15	Resistor, 1206, 1/4W, 1%	1.2R	STD	STD	1206
24	1	R1	Resistor, 1/4W, 5%	10K	STD	STD	0805
25	2	R5 R24	Resistor, Chip, 1/8W, 5%	10R	STD	STD	0805
26	1	R8	Resistor, Chip, 1/8W, 1%	160K	STD	STD	0805
27	1	R25	Resistor, Chip, 1/8W, 5%	NA		STD	0805
28	2	R6-7	Resistor, Chip, 1/4W, 1%	150K	STD	STD	1206
29	1	C4	CAP ALUM 33UF 35V 20% RADIAL	33uF/35V	STD	Panasonic	
30	1	D4	DIODE SWITCHING 75V 150MA SOD323	1N4148WS	1N4148WS	ON	SOD323

31	1	D7		NA			
32	1	U1	Off-Line Primary Side Sensing Controller with PFC	TPS92314	TPS92314D	TI	SO-8
33	1	Q1	MOSFET N-CH 600V 4A DPAK	4A 600V	STD4NK60ZT4	ST	D-PAK

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