

PMP4432_RevA_Bom

Item	Qty	Reference	Type	Part Name	MFR	Value	Package	Description
1	1	C4	Ceramic	C2012X7R1E475K	TDK	4.7uF, 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	1000pF	603	Capacitor, Ceramic, Chip, 10%
4	2	C8-9	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	D16FLR	Diodes	1A, 600V	SOD123FL	Standard Rectifier, 1A, 600V
7	1	D2	Schottky rectifier	FERD30S50	ST	30A, 50V	QFN5X6	Schottky Rectifier, 30A, 50V
8	1	D5	Standard rectifier	D16FLR	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	NTC	NTC	NCP18WF104F12RB	MuRata	100k	603	B-constant: 4200k, OTP: 86 degree
12	1	L1	Axial leaded fixed	7447462221	Würth	220uH	TH type	Axial leaded fixed inductor
13	1	T1	Transformer	750341984	WE-midcon		TH type	EE16C-8pin
14	1	R2	Resistor	Std	Std	300k	603	Resistor, Chip, 1/8W, 1%,
15	1	R4	Resistor	Std	Std	22	603	Resistor, Chip, 1/8W, 1%
16	1	R7	Resistor	Std	Std	20	805	Resistor, Chip, 1/5W, 1%
17	1	R8	Resistor	Std	Std	68K	805	Resistor, Chip, 1/5W, 1%
18	1	R9	Resistor	Std	Std	47k	603	Resistor, Chip, 1/8W, 1%
19	1	R10	Resistor	Std	Std	220	603	Resistor, Chip, 1/8W, 1%
20	1	R16	Resistor	Std	Std	240k	603	Resistor, Chip, 1/8W, 1%
21	1	R17	Resistor	Std	Std	68k	603	Resistor, Chip, 1/8W, 1%
22	1	R3	Resistor	Std	Std	120	1206	Resistor, Chip, 1/4W, 1%
23	1	R6	Resistor	Std	Std	330k	1206	Resistor, Chip, 1/4W, 1%
24	1	R11	Resistor	Std	Std	4.7	603	Resistor, Chip, 1/8W, 1%
25	1	R12	Resistor	Std	Std	2.4	805	Resistor, Chip, 1/8W, 1%
26	1	R13	Resistor	Std	Std	2	805	Resistor, Chip, 1/5W, 1%
27	1	R1	Resistor	Std	Std	10k	805	Resistor, Chip, 1/5W, 1%
28	1	R14	Resistor	Std	Std	2.4k	805	Resistor, Chip, 1/5W, 1%
29	1	R18	Resistor	Std	Std	1M	603	Resistor, Chip, 1/8W, 1%
30	1	FUSE	Resistor fuse	Std	Std	2A, 250v	Axial leaded	Resistor fuse
31	1	R5	Resistor	Std	Std	100k	805	Resistor, Chip, 1/5W, 1%
32	2	C1-2	Electrolytic capacitor	AX Series/KSH106	Rubycon/TE	10uF, 400V	10mm(die.)x12.5mm(hight)	size, 10mmx12.5mm
33	1	C3	Electrolytic solid	6SEPC680MW	Panasonic	680uF, 6.3V	6.3mm(die.)x8mm(hight)	size, 6.3mmx8mm
34	1	C5	Electrolytic solid	PCG827M6R3S1ANE0	TEAPO	820uF, 6.3V	6.3mm(die.)x9mm(hight)	size, 6.3mmx9mm
35	1	U1	PSR controller	UCC28713	TI		S0-8	PSR controller
36	1	J1	USB connector		std		TH type	USB connector, Type a

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