

PMP4478_RevA Bom

Qty	Reference	Type	Part Name	MFR	Value	Package	Description
1	C6	NA					
1	C10	Ceramic Capcitor	Std	Std	100pF,Y1	Lead type	Y1 capacitor
1	C4	Ceramic Capacitor	C3216X7R1E106K	TDK	10uF,25V	1206	Capacitor, Ceramic, Chip, 10%
1	C11	NA					
1	C12	Ceramic Capacitor	Std	std	1nF	603	Capacitor, Ceramic, Chip, 10%
1	C3	Ceramic Capcitor	GRM31A7U2J331JW31D	Murata	330pF,630V	1206	Capacitor, Ceramic, Chip, 5%
1	C23	NA					
1	C24	Ceramic Capacitor	Std	std	22nF	603	Capacitor, Ceramic, Chip, 10%
2	D5 D6	Switching diode	RS1M	Fairchild	1A,1KV	SMA	Switching diode, SMD
1	D7	Schotty rectifier	20TQ040	Vishay	20A,40V	TO220	Schotty Rectifier, 20A, 40V
1	D1	Bridge	MDB6S	Fairchild	1A,600V	4-SMD	IC BRIDGE DIODE 600V 4-MICRODIP
1	L3	Ferrite bead	HF70ACC322513	TDK		1210	52ohm@100MHz
1	L1	Common filter	131205000043	东莞市 峰越电子	800uH	T9*5	or Kechang TCH10 core,T6x3x3, 0.2mm wire, 10T
1	F1	Fuse	std	std	2A/300Vac (T)	Leaded type	Square fuse, 2A/300V, size: 8.5mm(L)X4(W)mmX8mm(H)
1	J1 J2	NA					
1	Q2	NMOSFET	SW7N65	SAMWIN	6A, 700V	DPAK	NMOS, 6A, 700V, DPAK
1	L2	Axial leaded fixed inductor	7447462221	Wurth	220uH	Lead type	Axial leaded fixed inductor
1	L4	Axial leaded fixed inductor	744772010	Wurth	1uH	Lead type	Axial leaded fixed inductor
1	T1	Transformer	EFD20	Jepuls		TH type	Jepuls PN: BCK2001-190
1	R25	Resistor	Std	Std	0	805	Resistor, Chip, 1/5W, 1%
1	R3	Resistor	Std	Std	2.4k	603	Resistor, Chip, 1/8W, 1%
1	R6	Resistor	Std	Std	0	603	Resistor, Chip, 1/8W, 1%
1	R8	Resistor	Std	Std	39k	603	Resistor, Chip, 1/8W, 1%
1	R9	NA					
1	R7	Resistor	Std	Std	68K	603	Resistor, Chip, 1/10W, 1%
1	R10	Resistor	Std	Std	100K	603	Resistor, Chip, 1/10W, 1%
1	R11 R20	Resistor	Std	Std	10K	603	Resistor, Chip, 1/10W, 1%
1	R17	Resistor	Std	Std	20K	603	Resistor, Chip, 1/10W, 1%
1	R4	Resistor	Std	Std	1	1206	Resistor, Chip, 1/4W, 1%
1	R37	Resistor	Std	Std	1K	603	Resistor, Chip, 1/8W, 1%
1	R38	Resistor	Std	Std	22K	603	Resistor, Chip, 1/8W, 1%
1	R40	Resistor	Std	Std	2K	603	Resistor, Chip, 1/8W, 1%
2	R2 R16	Resistor	Std	Std	150	1210	Resistor, Chip, 1/2W, 1%
1	R5	Resistor	Std	Std	2	1206	Resistor, Chip, 1/4W, 1%
1	R12	Resistor	Std	Std	20	805	Resistor, Chip, 1/5W, 1%

1	R1	Resistor	Std	Std	330k	1206	Resistor, Chip, 1/4W, 1%
1	R13	Resistor	Std	Std	NA	805	Resistor, Chip, 1/5W, 1%
2	C1-2	Electrolytic capacitor	UVC2G150MPD	Nichion	12uF, 400V	10*18mm	size, 10mmx18mm
2	C13-14	Electrolytic solid capa	PCG827M6R3S1ANE09K	TEAPO	820uF, 6.3V	6.3*9mm	size, 6.3mmx9mm
1	U2	Optocoupler	FOD117	Fairchild	FOD117	4-SOIC	OPTOISOLATOR 3.75KV TRANS 4-SOP
1	U3	controller	UCC28740	TI	UCC28740	SO-8	PSR controller
1	U1	Voltage Reference	TL431AIDBZ	TI	TL431AIDBZ	SOT23	IC VREF SHUNT ADJ SOT23-3

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