

PMP8502_RevC BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C3	1nF	Capacitor, Ceramic Chip, 200V, ±10%	1206	STD	STD
1	C8	0.47uF	Capacitor, Ceramic, 50V, X7R, +/- 10%	0805	STD	STD
1	C9	1000pF	TBD	0.236 x 0.315 in	ECKANA152ME	
2	C1 C5	330nF	Capacitor, Film, 305VAC, 20±%	0.689 x 0.217 in	B32922C3334K	Epcos
2	C2 C4	10uF	Capacitor, Double Layer Supercapacitor, 5V, -45 to +75	0.394 Dia.	EKXG401ELL100MJ20	Nippon Chemi-con
2	C6-7	330uF	Capacitor, Electrolytic, 10VDC, -55 to +125°C, ±20%	10x12.5 mm	RHT1A331MDN1	Chemi-Con
1	D1	SMBJ120	Diode, Transient Voltage Suppressor, 600W,	SMB	SMBJ120A	Fairchild
1	D2	RH06-T	Bridge Rectifier, 600V, 0.5A, Glass Passivated, Fast Rec	MiniDIP	RH06-T	Diodes
1	D3	MURS160	Diode, UltraFast Rectifier, 1-A, x00-V	SMB	MURS1x0-13-F	On Semi
1	D4	MBRB2060CT	Diode, Schottky, 60V	D2PAK	MBRB2060T	On Semiconductor
1	D5	BAS20	Diode, Switching, 200-mA, 200-V, 330-mW	SOT23	BAS21	Zetex
1	J2	tbd	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	L1	1mH	Inductor, Power, 0.2A	0.350 x 0.300 inch		WE
1	L2	5mH	Inductor, Coupled, 5mH ±30%	7.5x15 mm	744821150	WE
1	Q1	STD1NK80Z	MOSFET, Nchan, 650V, 7A, 0.7 Ohm	DPAK	STD1NK80Z	ST
1	R2	20	Fusible Resistor, 5±%, 3W	1.300 X .210 in	PWR4522AS47R0JA	Bourns
1	R3	500	Resistor, Chip, 1/10W, 1%	0805	STD	STD
1	R4	S25K625E4R12	Varistor, 625V	0.335 x 0.551 in	B72225S4621K101	Epcos
1	R6	3.01k	Resistor, Chip, 1/10W, 1%	0805	STD	STD
1	R7	20	Resistor, Chip, 1/10W, 1%	0805	STD	STD
1	R8	133k	Resistor, Chip, 1/10W, 1%	0805	STD	STD
1	R9	42.2k	Resistor, Chip, 1/10W, 1%	0805	STD	STD
1	R10	0	Resistor, Chip, 1/10W, 1%	0805	STD	STD
1	R11	DNP	Resistor, Chip, 1/10W, 1%	0805	STD	STD
1	R12	tbd	Resistor, Chip, 1/10W, 1%	0805	STD	STD
1	R13	1.15k	Resistor, Chip, 1/10W, 1%	0805	STD	STD
1	R14	1.35	Resistor, Chip 1/4 watt, ±1%	1206	STD	STD
2	R1 R5	7.5M	Resistor, Chip, 1/10W, 1%	0805	STD	STD
1	T1	750817010	Transformer, ±10%	960X800	750817010	WE
1	TP6	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 in	5000	Keystone
5	TP1-5	tbd	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 in	5000	Keystone
1	U1	UCC28701	IC, Constant Voltage, Constant Current PWM With Prim	SOT23-6	UCC28700	TI

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