

PMP4043_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	10uF	Capacitor, Aluminum Electrolytic, 400V	0.492 inch	UVR2G100MHD	Nichicon
2	C11, C15	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C12	1000pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H102K	TDK
1	C13	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H473K	TDK
1	C16	220pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H221K	TDK
1	C2	0.15 uF	Capacitor, Film, 275VAC, 20%	0.689 x 0.217	ECQU2A154ML	Panasonic
1	C7	1uF	Capacitor, Ceramic, 50V, X7R, 20%	1206	C3216X7R1H105M	TDK
1	C8	220uF	Capacitor, Aluminum Electrolytic, 35V	0.315 inch	35V ZL 220uF 8 X 16	Rubycon
1	C9	47uF	Capacitor, Aluminum, 25V, FC Series	0.200 * 0.435 inch	EEUFC1E470	Panasonic
1	D1	DF06M	Diode, Bridge, 1-A, 600-V	DIP6	DF06M	Diodes Inc.
1	D3	MURS120T3	Diode, UltraFast Rectifier, 1-A, 200-V	SMB	MURS120T3	On Semiconductor
1	D4	BAS19	Diode, Switching, 120V, 200mA	SOT23	BAS19LT1	On Semiconductor
1	F1	0.2A/250V	Fuse, TR5 Series, 200mA, 250V	0.335	3700200041	Wickmann
1	J1	703W-00/54	Connector, AC Board mount, 9mm	1.97 x 0.79 inch	703W-00/54	Qualtek Electronics
1	J2	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25	ED1514	OST
1	L1	4mH	Inductor, 1.7A, 173-milliohm	0.760 x 0.425 inch	8101	J.W.Miller
1	Q1	IRFBE20	MOSFET, N-ch, 800-V, 1.8-A, 6.5-Ohms	TO-220V	IRFBE20	International Rectifier
1	Q100	BC847CDXV6T1	Trans. G.P. Dual N/P-ch, 45/-45V, 100mA,	SOT-563	BC847CDXV6T1	On Semi
1	Q101	MMBT2907	Bipolar, PNP, 60V, 600mA	SOT23	MMBT2907LT1	On Semiconductor
1	R10	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	130k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	30.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R15	1.15k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R16	3.6	Resistor, Chip, 1/4W, 5%	1210	Std	Std
2	R2, R4	499k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R5	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
3	R7, R9, R14	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	RT1	22 Ohms	Thermistor, NTC, 22 Ohms, 2.8A	0.590 x 0.276 inch	B57237S0220M000	Epcos
1	T1	PA2035NL	Transformer, Custom Flyback	0.717 X 0.630 inch	PA2035NL	Pulse
4	TP1, TP2, TP3, TP5	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP4	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	UCC28600D	IC, Quasi-Resonant Flyback Green Mode Controller	SO8	UCC28600D	Texas Instruments
1	U3	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	Texas Instruments

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