

### PMP3976\_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	0.47uF	CAP, PROPYLENE FILM, 630V	0.885 x 0.370 inch	ECQ-E6474KF	Panasonic
1	C10	18pF	Capacitor, Ceramic, 50V, C0G, 5%	0603	C1608C0G1H180J	TDK
1	C100	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
1	C11	2.2uF	Capacitor, Ceramic, 6.3V, X7R, 15%	0603	Std	Std
3	C2, C101, C102	0.22uF	Capacitor, EMI Suppression, 275V	0.709 x 0.236 inch	B81130-C1224	Epcos
1	C3	330uF	Capacitor, Polyester, 400V, 10%	1.380 dia * 1.970 inch	ECOS2GP331EX	Panasonic
4	C4, C7, C8, C12	1000pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H102K	TDK
1	C5	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C6	100uF	Capacitor, Aluminum Electrolytic, 25V	0.315 inch	25V ZL 100uF 8 X 7	Rubycon
1	C9	22uF	Capacitor, Ceramic, 6.3V, X5R, 15%	1206	Std	Std
1	D1	MUR8100E	Diode, Power Rectifier, 800V, 8A	TO-220AC	MUR8100E	OnSemi
1	D2	KBP06G	Diode, Bridge Rectifier, 1.5A, 600V	0.580 x 0.145 inch	KBP06G	Diodes
2	D3, D100	MMSD914	Diode, Switching, 100-V, 200-mA, 225-mW	SOD-123	MMSD914T1	On Semi
2	D4, D5	180V	Diode, Zener, 180-V	SMB	1SMB5955BT3	On Semi
1	F1	1.6A/250V	Fuse, TR5 Series, 1.6A, 250V	0.335	3701160041	Wickmann
1	HS1	{Value}	Heatsink, TO-220/218 vertical	0.640 x 0.640	634-10ABP	Wakefield
1	J2	22-23-2041	Connector, Low Profile	0.400 x 0.310 inch	22-23-2041	Molex
1	L1	4mH	Common Mode Choke, 1.7A	0.760 x 0.425 inch	8101	J.W.Miller
1	Q1	MMBT2907	Bipolar, PNP, 60V, 600mA	SOT23	MMBT2907LT1	On Semiconductor
1	Q2	MMBT3904	Bipolar, NPN, 40-V, 200-mA, 225-W	SOT23	MMBT3904LT1	On Semiconductor
1	Q3	SPP06N80C3	MOSFET, N-ch, 800-V, 6-A, 900-milliOhms	TO-220V	SPP06N80C3	Infineon
2	R1, R3	200k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
3	R10, R15, R18	15k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R100	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R101, R102	100k	Resistor, Chip, 1/2W, 5%	2010	Std	Std
2	R12, R16	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R17	301	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R19	0.5	Resistor, Power, 1W, 5%	2512	STD	STD
1	R2	3.6	Resistor, Power, 1W, 1%	2512	STD	STD
1	R21	511	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R22	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R23	20	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R4, R11	1.1MEG	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R5	49.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
5	R6, R8, R9, R13, R20	100k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	200k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	RT1	2.5 Ohms	Thermistor, NTC, 2.5 Ohms, 6.5-A	0.590 x 0.276	B57237S0259M000	Epcos
1	T1	750 uH	Xfmr, Custom, SEPIC	0.925 x 1.161 inch	PA2699NL	Pulse
5	TP1, TP2, TP3, TP5, TP6	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	TLV431AIDBZ	IC, Low-Voltage Adjustable Shunt Regulator	SOT23-3	TLV431AIDBZ	TI
1	U2	UCC28810D	IC, TM LED Lighting Power Controller	SO8	UCC28810D	Texas Instruments

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