

PMP2828_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	100uF	Capacitor, Aluminum Electrolytic, 400V	0.886 Dia.	ECOS2GP101BA	Panasonic
1	C100	330uF	Capacitor, Aluminum Electrolytic, 16V	0.315 inch	16V ZL 330uF 8 X 11.5	Rubycon
1	C101	1uF	Capacitor, Ceramic, 16V, X7R, 20%	0603	C1608X7R1C105M	TDK
1	C11	1000uF	Capacitor, Aluminum Electrolytic, 16V	0.315 inch	16V ZL 1000uF 10 X 20	Rubycon
1	C12	47uF	Capacitor, Aluminum, 25V, FC Series	0.200 * 0.435 inch	EEUFC1E470	Panasonic
1	C13	1500pF	CAP, CERM DISC Y1, 250Vac, 20%	.500 X .310	ECKDNA152ME	Panasonic
3	C14, C16, C19	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
1	C15	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H473K	TDK
1	C17	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C18	0.01uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H103K	TDK
2	C2, C3	0.15 uF	Capacitor, Film, 275VAC, 20%	0.689 x 0.217	ECQU2A154ML	Panasonic
1	C4	0.01uF	Capacitor, Ceramic, 250V, X7R, 20%	0805	C2012X7R2E103M	TDK
3	C8, C9, C10	22uF	Capacitor, Ceramic, 16-V, X5R, 20%	1210	C3225X5R1C226MT	TDK
1	D1	GBU406	Diode, Bridge Rectifier, 4 A, 600 V	0.880 x 0.140	GBU406	Diodes Inc
2	D100, D101	BAS16	Diode, Switching, 75V, 200mA	SOT23	BAS16LT1	On Semiconductor
1	D2	43CTQ100	Diode, Dual Schottky, 40A, 100V	TO-220	43CTQ100	International Rectifier
1	D3	MURS160	Diode, Rectifier, 1-A, 600-V	(Size)	MURS160	Diodes Inc
1	D4	BAS19	Diode, Switching, 120V, 200mA	SOT23	BAS19LT1	On Semiconductor
1	F1	1A/250V	Fuse, TR5 Series, 1A, 250V	0.335	3701100041	Wickmann
3	HS1, HS2, HS3	{Value}	Heatsink, TO-220/218 veritcal	0.640 x 0.640	634-10ABP	Wakefield
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	600uH	Common-mode Inductor, 1A, 200 milliohm	0.906 x 0.748 inch	UU9.8V-601	GCI
1	L2	10mH	Inductor, 1A, 550-milliohm	0.748 x 1.024 inch	ET24V-103	GCI
1	L3	1.0 uH	Inductor, 1uH, 6A	0.335 Dia.	G044098	GCI
1	Q1	IRFB9N60A	MOSFET, N-ch, 600-V, 9.2-A, 750-milliOhms	TO-220V	IRFB9N60A	International Rectifier
1	R1	0	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R10	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R100	499k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	4.99k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R13, R17	1.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R14, R101	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R15	35.7k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R16	15k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R18	0.18	Resistor, Chip, 1/2W, 5%	2010	Std	Std
1	R19	2.61k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R2, R3	15k	Resistor, Chip, 1W, 5%	2512	STD	STD
1	R20	100k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R4, R5	499k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R6	1	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	162k	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	T2	PA2036NL	Transformer, Flyback	0.690 x 1.100 inch	PA2036NL	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	U2	H11A817A	IC, Optocoupler, 5300-V, 80-160% CTR	0.380 x 0.180 inch	H11A817A	Fairchild
1	U3	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	Texas Instruments

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