

PMP8362_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	0.068uF	Capacitor, Film, 275VAC, 20%	0.689 x 0.217 inch	ECQU2A683ML	Panasonic
1	C15	0.01uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
1	C17	100pF	Capacitor, Ceramic, 50V, C0G, 10%	0603	STD	STD
1	C2	22uF	CAP ALUM 22UF 400V 20% RADIAL	16 x 25 mm	UVR2G220MHD	Nichicon
2	C3, C12	1uF	Capacitor, Ceramic, 25V, X7R, 10%	0603	STD	STD
1	C4	330uF	CAP ALUM 330UF 25V 20% RADIAL	0.315 inch	EKY-250ELL331MH15D	United Chemicon
4	C5, C8, C13, C16	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
1	C6	180uF	CAP Polymer 180UF 16V 20% RADIAL	0.315 inch	RL81C181MDN1KX	Nichicon
2	C7, C14	33uF	Capacitor, Alum Electrolytic, 35V, -40 to +85C, ±20%	6.3x11 mm	STD	STD
1	C9	220pF	CAP CER 220PF 250VAC X1Y2 RAD	7.00 Dia mm	CS70-B2GA221KYNS	TDK
1	D1	SMAJ120A	Diode, Transient Voltage Suppressor, 120V	SMA	SMAJ120A	Bourns
2	D2, D5	B3100	Diode, Schottky, 3-A, 100-V		B3100	
1	D3	RH06-T	Diode, Bridge, 0.5-A, 600-V	MiniDIP	RH06-T	Diodes
1	D4	MRA4007	Diode, Rectifier, 1A, 1000V, SMA	SMA	STD	STD
1	D6	1N4148	Diode, Switching, 100-V, 200-mA, 225-mW,	SOD-123	1N4148W-7-F	Diodes Inc.
1	D7	MMSZ5248BT	Diode, Zener, xx-mA, yy-V	SOD123	MMSZ5248BT	On Semi
1	D8	BAT54WX	DIODE SCHOTTKY 30V SOD-523	SOD-523	BAT54WX	Micro Commercial Co
1	F1	2A	STD	0.335 inch	37213150001	STD
3	FB1, FB2, FB3		Bead, SMD Ferrite, 26ohms @ 100MHz, 10mohm DC, 6A	0603	BLM18KG260TN1D	Murata
1	J2	C-640901	Header, 5 pin Mate-N-Lock	0.300x1.300 inch	C-640901	Tyco
1	J3	1-1123723-4	Connector, 4 pin Vertical, 3.96mm pitch	8.5mm x 15.78mm	1-1123723-4	Tyco
1	L1	54PR515-146	Inductor, AC-Line Common Mode Choke	0.539 x 0.606 inch	54PR515-146	Vitec
1	Q1	SPP03N60C3	MOSFET N-CH 650V 3.2A TO-220AB	TO-220	SPP03N60C3	Infineon
2	R1, R2	1MEG	Resistor, 1/4 watt, 5%	1206	STD	STD
1	R10	10k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R100	1k	Resistor, 1/4 watt, 5%	1206	STD	STD
1	R11	54.9k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
2	R12, R13	75k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R14	4.99k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R15	20k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R16	100k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R22	200	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R3	30	Resistor, 1/4 watt, 5%	1206	STD	STD
2	R4, R6	10	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R5	187k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R8	1k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R9	2k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
4	SC1, SC2, SC3, SC4		Through Hole for Screw #4 plated		STD	STD
1	T2	250 µH	Transformer, Flyback, 2 Prim, 1 Sec	1.000 x 0.670	G124039LF	GCI
2	TP2, 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	U2	UCC28610D	IC, Quasi-Resonant Flyback Green-Mode Controller	SO8	UCC28610D	TI
1	U3	FOD817A	IC, Optocoupler, 5300-V, 80-160% CTR	DIP-4	FOD817A	Fairchild
1	U4	TL431DBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431DBZ	TI

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