

Filename: PMP8477_REVA_bom.xls

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PMP8477_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C40	0.47uF	Capacitor, Ceramic, 50V, X7R, 10%	0805	STD	STD
1	C100	22pF	Capacitor, Ceramic, 50V, C0G, 5%	0603	STD	Std
1	C27	DNP	Capacitor, Ceramic, 50V, C0G, 10%	0603	STD	STD
2	C28, C29	10uF	CAP ALUM 10UF 200V 20% RADIAL	0.315 inch	200LLE10MEFC8X11.5	Rubycon
2	C30, C33	1uF	Capacitor, Ceramic, 10V, X5R, 20%	0603	STD	Std
2	C31, C32	820uF	CAP ALUM 820UF 6.3V 20% RADIAL	0.315 inch	RL80J821MDN1KX	Nichicon
1	C34	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	Std
1	C37	220pF	CAP CER 220PF 250VAC X1Y2 RAD	7mm dia	CS70-B2GA221KYNS	TDK
1	D10	RH06-T	Diode, Bridge, 0.5-A, 600-V	MiniDIP	RH06-T	Diodes
1	D11	MURA160	Diode, Ultrafast, 1A, 600V, SMA	SMA	MURA160	On Semi
1	D12	MMSD4148	Diode, Switching, 100V, 200mA, 400mW,	SOD-123	MMSD4148	On Semi
1	D8	SMAJ90A	Diode, Transient Voltage Suppressor, 120V	SMA	SMAJ90A	Bourns
1	D9	SBR10U45	DIODE 10A 45V POWERDI5	Power DI	SBR10U45SP5-13	Diodes
1	F1	0.5A	FUSE SLOW 250VAC 500MA RADIAL	4x8.35 mm	RST500	BEL Fuse
1	J5	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	L3	100uH	Inductor, 240mA	0.126 x 0.098 inch	ME3220-104MX	Coilcraft
1	L4	1uH	Inductor, Power, 2.5 A, 42 milliohms	0.120 x 0.120 inch	XFL3012-102ML	Coilcraft
1	Q6	AOD3N50	MOSFET N-CH 500V 2.8A DPAK	DPAK	AOD3N50	Alpha & Omega Semiconductor Inc
1	R27	DNP	Resistor, Chip, 0.5W, 5%	2010	STD	STD
1	R29	1K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R30	49.9	Resistor, 1/4 watt, 5%	1206	STD	STD
1	R31	10MEG	Resistor, 1/4 watt, 5%	1206	STD	STD
1	R34	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R35	137K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R40	2.49K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R41	40.2K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R42	30.1K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R43	0.82	Resistor, Chip, 1/16W, 5%	0805	Std	Std
1	T2	RLTI-1072	Transformer, Flyback	0.675 x 0.760 inch	RLTI-1072	Renco
4	TP2, TP3, TP5, TP6	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	U7	UCC28700DBV	IC, Constant Voltage, Constant Current PWM With Primary Side Regulation	SOT23-6	UCC28700DBV	TI

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