Filename: PMP5801_REVB_BOM.xls
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PMP5801 REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
2	C1, C4	10uF	Capacitor, Aluminum, 450V	0.492 inch	ECA2WM100	Panasonic
2	C10, C11	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C14	1500pF	CAP, CERM DISC Y1, 250Vac, 20%	.500 X .310	ECKDNA152ME	Panasonic
1	C2	0.1uF	Capacitor, 630V	0.236 x 0.709 inch	FK22X7R2J104K	TDK
1	C3	0.01uF	Capacitor, Ceramic, 250V, C0G, 10%	1206	Std	Std
1	C5	10uF	Capacitor, Ceramic, 16V, X7R, 20%	1210	Std	Std
1	C6	100uF	Capacitor, Aluminum Electrolytic, 25V	0.315 inch	25V ZL 100uF 8 X 7	Rubycon
1	C7	27uF	Capacitor, Aluminum Electrolytic, 25V	0.200 * 0.435 inch	25V ZL 27uF 5 X 11	Panasonic
2	C8, C12	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
1	C9	0.01uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H103K	TDK
1	D1	DF10S	Bridge Rectifier, 1000V, 1A, Glass Passivated, SMD	DF-S	DF10S	Diodes
1	D2	US1K-13	Diode, Rectifier, 1A, 800V	SMA	US1K-13	Diodes Inc
2	D3, D4	MURA120T3	Diode, Rectifier, 1A, 200V	SMA	MURA120T3	ON Semiconductor
1	L1	10mH	CM Choke, 0.25A, 3.5ohm	0.433 x 0.670 inch	UU9.8V-103LF	GCI
1	L2	1uH	Inductor, Power Chip, 0.9A, 0.14 Ohms	0805	0805PS-102KL	Coilcraft
1	Q1	IRFiBE20G	Transistor, NFET, 800V, 6.5 Ohm	TO-251AA	IRFiBE20G	Vishay
2	R1, R6	1MEG	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R10	20	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R100	0.5	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R11	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R13, R15	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R16	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R18	71.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R19	680	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R20	2	Resistor, Chip, 1/16W, 5%	0805	Std	Std
1	R21	2.62k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R3, R7	499k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R4	20 Ohms	Resistor, Metal Oxide, 1W, 5%	0.130 * 0.600 inch	ERG-1SJ200	Panasonic
1	R5	200k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
2	R8, R17	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	232k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	RT1	S10K420	Varistor, Disk, 420Vrms, 0.25W, TA @ 85C°	12X6.1mm	S10K420	Epcos
1	S1	LVR005K	Polyswitch, 1A Max, 265V rms Max	8.3X3.8mm	LVR005K	Tyco
1	T1	1.4 mH	XFMR, ±10%	0.717 X 0.630 inch	PA3264NL	Pulse
3	TP1, TP2, TP3	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	TI

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