

### PMP4017\_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
2	C1, C10	100uF	Capacitor, Aluminum Electrolytic, 25V	0.315 inch	25V ZL 100uF 8 X 7	Rubycon
2	C12, C15	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
1	C13	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H473K	TDK
2	C14, C16	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C17	1500pF	CAP, CERM DISC Y1, 250Vac, 20%	.500 X .310	ECKDNA152ME	Panasonic
1	C18	1uF	Capacitor, Ceramic, 16V, X7R, 20%	0603	C1608X7R1C105M	TDK
2	C2, C11	10uF	Capacitor, Ceramic, 25V, X7R, 20%	1210	STD	STD
1	C3	10uF	Capacitor, Aluminum, 450V	0.492 inch	ECA2WM100	Panasonic
1	C4	0.1uF	Capacitor, EMI Suppression X2 Series	0.236 x 0.709 inch	B32922C3104M	Epcos
1	C5	0.01uF	Capacitor, Ceramic, 250V, C0G, 10%	1206	Std	Std
1	C6	22uF	Capacitor, Ceramic, 16V, X7R, 20%	1210	C3225X7R1C226MT	TDK
1	C7	220uF	Capacitor, Aluminum Electrolytic, 6.3V	0.315 inch	6.3V ZL 220uF 8 X 7	Rubycon
1	C8	4.7uF	Capacitor, Ceramic, 16V, X7R, 20%	0603	Std	Std
1	C9	27uF	Capacitor, Aluminum Electrolytic, 25V	0.200 * 0.435 inch	25V ZL 27uF 5 X 11	Panasonic
3	D1, D5, D6	MURA120T3	Diode, Rectifier, 1A, 200V	SMA	MURA120T3	ON Semiconductor
1	D2	RH06-T	Diode, Bridge, 0.5-A, 600-V	MiniDIP	RH06-T	Diodes
1	D3	MURA160T3	Diode, Rectifier, 1A, 600V	SMA	MURA160T3	ON Semiconductor
1	D4	B2100	Diode, Schottky, 2-A, 100-V	SMB	B2100-13-F	Diodes Inc
1	D7	MMSD914	Diode, Switching, 100-V, 200-mA, 225-mW	SOD-123	MMSD914T1	On Semi
1	F1	0.5A	Fuse, TR5 Series, 500mA, 250V	0.335	3700500041	Wickmann
1	L1	10mH	CM Choke, 0.25A, 3.5ohm	0.433 x 0.670 inch	UU9.8V-103LF	GCI
1	L2	1uH	Inductor, SMT Power, 2.9A, 50milliohm	0.260 x 0.175 inch	P0770-102NL	Pulse
1	Q1	IRFU1N60A	Transistor, NFET, 1.4A, 600V, 7 Ohm	TO-251AA	IRFU1N60A	IR
3	R1, R6, R8	DNP	Do Not Populate	1210	N/A	N/A
1	R13	49.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R15, R17	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
3	R16, R18, R21	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R19	1.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
3	R2, R10, R11	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R20	2	Resistor, Chip, 1/16W, 1%	0805	Std	Std
2	R3, R5	499k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R4	49.9k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
3	R7, R12, R14	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	165k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	T1	HA4018-AL	Transformer, Custom, Flyback	0.807 x 0.807 inch	HA4018-AL	Coilcraft
6	TP1, TP2, TP4, TP5, TP8, TP9	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP3, TP6, TP7	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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