

PMP8509 Rev_B BOM

Quantity	Designator	Description	PackageReference	PartNumber	Manufacturer
1	C1	CAP, CERM, 0.022uF, 16V, +/-10%, X7R, 0603	0603	C0603C223K4RACTU	Kemet
1	C3	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	C1608X7R1H104K	TDK
2	C4, C5	Capacitor, Alum Electrolytic 400 V, ±20%	10.00 mm Dia	ESH475M400AH2AA	KEMET
1	C6	CAP, AL, 100uF, 35V, +/-20%, 0.16 ohm, SMD	SMT Radial F	EEE-FK1V101P	Panasonic
1	C100	CAP, CERM, 4700pF, 100V, +/-10%, X7R, 0603	0603	06031C472KAT2A	AVX
1	D2	Diode, Ultrafast, 1-A, 600-V	SMA	ES1J	Fairchild
2	D3, D5	Diode, UltraFast Rectifier, 1KV, 1A	DO-41	1N4007	Standard
1	D4	Diode, Ultrafast, 1-A, 600V-V	SMA	STTH1R06A	ST
1	L1	Inductor, Power,	6mm x 8.5mm	7447462102	Wuerth
1	L2	Inductor, Power,	0.350 x 0.300 inch	744732102	Wuerth
1	R1	Resistor, Fusible, 1W, 5%	0.157X0.394 inch	NFR0100001009JA100	Vishay
2	R2, R4	RES, 10.0k ohm, 1%, 0.1W, 0603	0603	CRCW060310K0FKEA	Vishay-Dale
1	R3	RES, 47.5k ohm, 0.5%, 0.1W, 0603	0603	RT0603DRE0740K2L	Yageo America
1	R5	RES, 121k ohm, 0.5%, 0.1W, 0603	0603	RT0603DRE07121KL	Yageo America
1	R6	RES, 0 ohm, 1%, 0.1W, 0603	0603	CRCW0603100RFKEA	Vishay-Dale
1	R100	RES, 12k ohm, 5%, 0.1W, 0603	0603	CRCW060312K0JNEA	Vishay-Dale
4	TP1, TP2, TP4, TP7	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone
4	TP3, TP5, TP6, TP8	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone
1	U1	IC, Switcher IC for Non-Isolated AC/DC Low-Side Buck	SO	UCC28880D	Texas Instruments
1	U2	IC, Photocoupler	SOP-4	TLP124	Toshiba

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