

PMP9146 REVA Bill of Materials

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C3, C4	2	10uF	CAP, CERM, 10uF, 25V, +/-10%, X7R, 1206	1206	Std	Std
C5	1	2200pF	CAP, CERM, 2200pF, 25V, +/-10%, X7R, 0402	0402	Std	Std
C6, C10, C11, C12, C13, C14, C19	7	100uF	CAP, CERM, 100uF, 6.3V, +/-20%, X5R, 1206	1206	Std	Std
C7	1	0.1uF	CAP, CERM, 0.1uF, 16V, +/-10%, X7R, 0402	0402	Std	Std
C8	1	470pF	CAP, CERM, 470pF, 25V, +/-5%, C0G/NP0, 0402	0402	Std	Std
C18, C20	2	4.7uF	CAP, CERM, 4.7uF, 16V, +/-10%, X5R, 0603	0603	Std	Std
L1	1	680nH	Inductor, Shielded Drum Core, Powdered Iron, 680nH, 15.5A, 0.005 ohm, SMD	IHLP-2525CZ	IHLP2525CZERR68M01	Vishay-Dale
R1, R2, R4, R10	4	100k	RES, 100k ohm, 1%, 0.063W, 0402	0402	Std	Std
R3	1	249k	RES, 249k ohm, 1%, 0.063W, 0402	0402	Std	Std
R6	1	200k	RES, 200k ohm, 1%, 0.063W, 0402	0402	Std	Std
R9	1	3.01	RES, 3.01 ohm, 1%, 0.063W, 0402	0402	Std	Std
R12	1	150k	RES, 150k ohm, 1%, 0.063W, 0402	0402	Std	Std
R20, R21	2	10.0k	RES, 10.0k ohm, 1%, 0.063W, 0402	0402	Std	Std
U1	1	TPS53515RVE	High Performance, 12-A Single Synchronous Step-Down Converter, RVE0028A	RVE0028A	TPS53515RVE	Texas Instruments