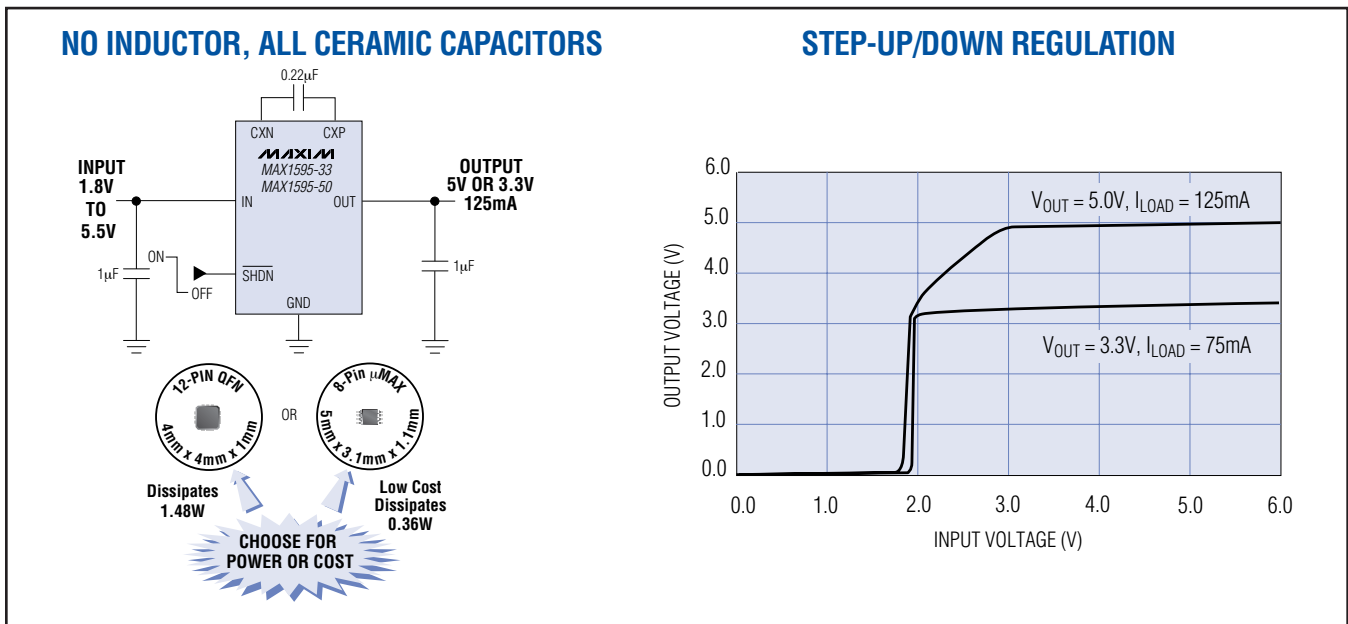


HIGHEST POWER REGULATED STEP-UP/DOWN CHARGE PUMP DELIVERS GUARANTEED 125mA

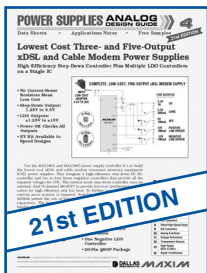
Delivers 5V or 3.3V from a 1.8V to 5.5V Input with No Inductors

The unique fixed-frequency control architecture of the MAX1595 permits step-up/down regulation with only one flying capacitor. It also maintains very low input and output ripple, which eases filtering in noise-sensitive applications. Its high 1MHz switching frequency allows use of small ceramic input and output capacitors. In shutdown, the MAX1595 completely disconnects the load from the input to maximize battery life. It comes in two packages with different power dissipation ratings, allowing you to choose the lower cost μ MAX if power is not an issue. The MAX1595 is priced at \$1.51, 1000-piece resale[†].



The MAX1595 is the highest power step-up/down charge pump. It saves space and cost, using only 3 ceramic capacitors and no inductor. Choose the 12-pin QFN (dissipates 1.48W) or the lower cost 8-pin μ MAX (dissipates 0.36W) package to optimize power or cost.

[†]Price provided is for design guidance and is for the lowest grade, commercial temperature parts (FOB USA). International prices will differ due to local duties, taxes, and exchange rates. Prices are subject to change. Not all packages are offered in 1k increments, and some may require minimum order quantities.



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