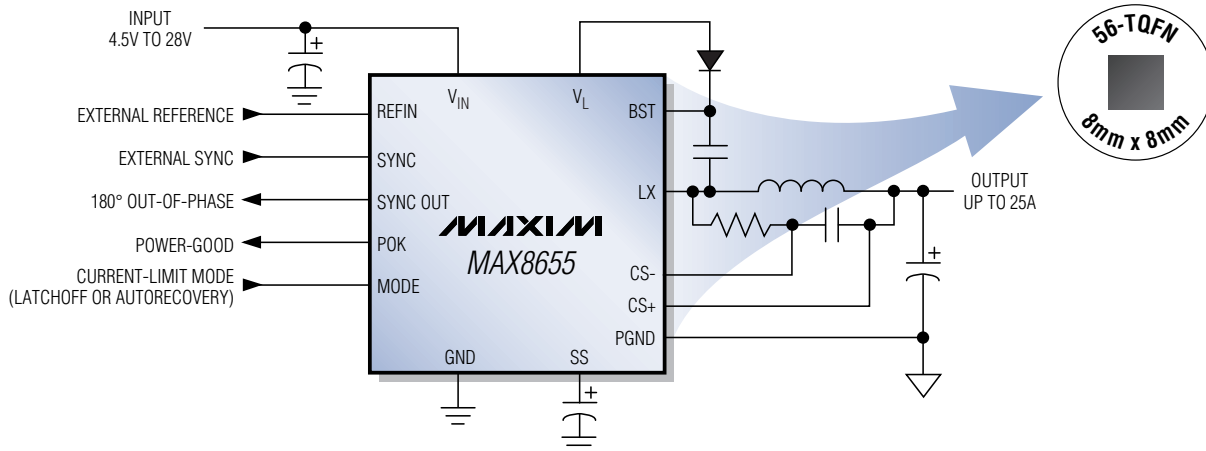


INDUSTRY'S SMALLEST 25A, STEP-DOWN DC-DC COMES IN AN 8mm x 8mm TQFN

Internal MOSFETs Minimize Board Space, Reduce EMI, and Simplify Layout

The unique MAX8655 is a fully integrated, step-down DC-DC converter that uses peak-current-mode control at up to 1.2MHz switching to work with all types of output capacitors. The 8mm x 8mm TQFN package is only 0.8mm high, which is ideal for applications requiring high-power density.



Maxim Outperforms the Competition

Feature	MAX8655	Competition
Output Current (A)	25	20
Input Voltage Range (V)	4.5 to 28	12
Package (mm x mm)	8 x 8	14 x 14

Highly Flexible for Your Designs

- ◆ 25A Output Current
- ◆ Monotonic Output Voltage Rise at Startup
- ◆ $\pm 1\%$ Output Voltage Accuracy over Temp
- ◆ Adjustable Overvoltage Protection
- ◆ 180° Phase-Shifted Clock Output
- ◆ Externally Synchronizable Frequency
- ◆ Programmable Slope Compensation
- ◆ Adjustable Overcurrent Limit
- ◆ Adjustable Foldback Current
- ◆ Selectable Current-Limit Modes: Latchoff or Autorecovery
- ◆ Output Sources and Sinks Current
- ◆ Short-Circuit and Thermal Protection
- ◆ Accurate Current Sensing
- ◆ Pricing Starts at \$3.78[†]

[†]10k-up recommended resale, FOB USA.



www.maxim-ic.com/MAX8655-info

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