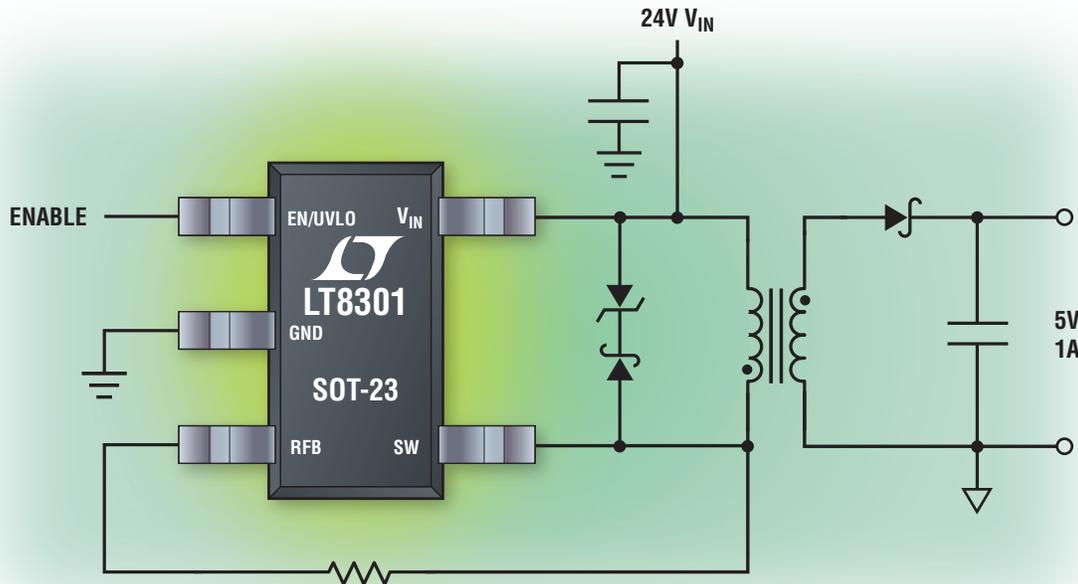


6W No-Opto Isolated Flyback



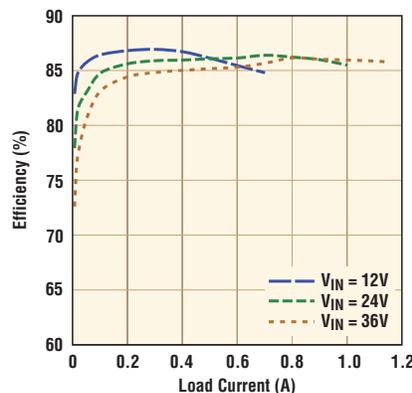
65V/1.2A Switch, $\pm 1\%$ Load Regulation, 0.5% Min Load

The LT[®]8301 is the latest in a growing family of isolated flyback converters that needs no external MOSFET, opto-isolator or reference. The result is a small, simple and robust solution with only one component crossing the isolation barrier. Its internal 1.2A/65V DMOS power switch enables output power capability as high as 6W and it is packaged in a 5-lead SOT-23. Boundary mode operation provides a small magnetic solution and load regulation better than $\pm 1\%$. With a 2.7V to 42V input range, the LT8301 is ideal for a broad range of applications including automotive, medical and industrial power supplies.

Features

- Input Voltage Range: 2.7V to 42V
- 1.2A/65V Internal DMOS Power Switch
- Low-Ripple Burst Mode[®] Operation at Light Load
- $I_Q = 100\mu\text{A}$ in Burst Mode
- Minimum Load $< 0.5\%$ of Full Output
- 5-Lead SOT-23 Package

Efficiency vs Load Current



Info & Free Samples

www.linear.com/product/LT8301

1-800-4-LINEAR

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