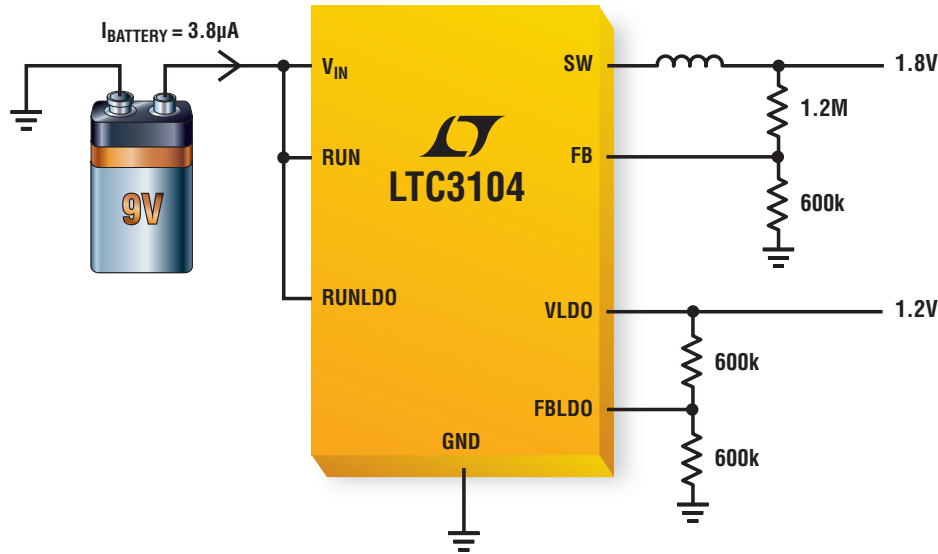


Change Batteries in 2018



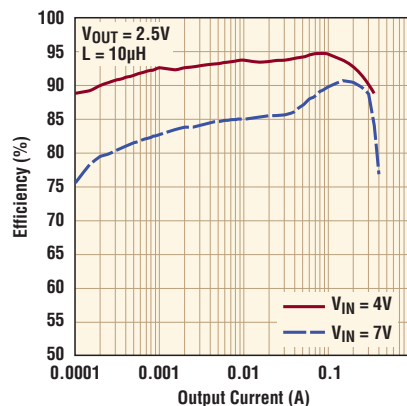
When You Can't Afford to Turn it Off

Enabling long battery life in an “always-on” system means drawing very little active standby current. Fortunately, our LTC[®]3104 does just that: its buck regulator can deliver 300mA with up to 95% efficiency with a no load quiescent current of just 1.8µA when in Burst Mode[®] operation. Its 10mA low noise LDO adds just 1.0µA of quiescent current and can be powered from the buck output. The LTC3104's wide 2.5V to 15V input voltage range accommodates a variety of input sources, making it ideal for remote sensor networks, portable instruments and a wide range of battery-powered devices.

Features

- V_{IN} Range: 2.5V to 15V
- V_{OUT} Range: 0.6V to 13.8V
- 300mA Buck $I_Q = 1.8\mu A$
- 1.2MHz Constant Frequency, Current Mode Architecture
- 10mA LDO $I_Q = 1.0\mu A$
- LDO Dropout = 150mV
- 3mm x 4mm DFN14, MSE16 Packages
- LTC3103 for 300mA Buck Only in 3mm x 3mm DFN, MSE10

LTC3104 Efficiency Curve
(Automatic Burst Mode Operation)



Info & Free Samples

www.linear.com/product/LTC3104

1-800-4-LINEAR



LTC3104 Video Product Brief

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