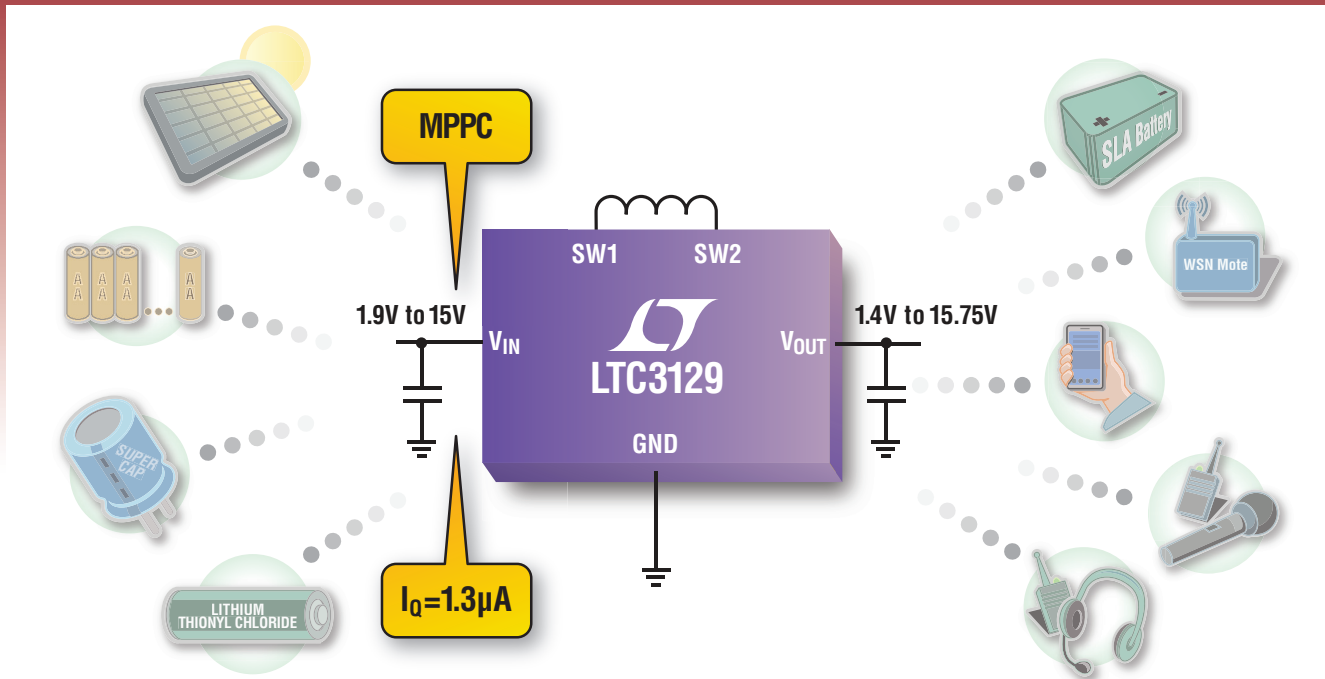


# 15V Sync Buck-Boost, $I_Q=1.3\mu A$



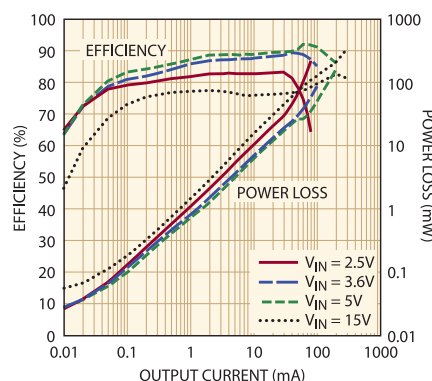
## Flexible Power Solutions for Sub-Watt Applications

The LTC<sup>®</sup>3129 is the latest in our growing family of wide input voltage range monolithic buck-boost converters. Its 1.9V to 15V input voltage range makes it ideal for a wide range of input sources—from multicell batteries to solar panels. Its single inductor buck-boost topology enables a programmable fixed output within a 1.4V to 15.75V range. With its ultralow noise 1.2MHz PWM switching architecture, 1.3µA quiescent current and small compact solution footprint, the LTC3129 is ideal for battery-powered always-on systems.

### ▼ Features

- Input Voltage Range: 1.9V to 15V
- Output Voltage Range: 1.4V to 15.75V
- 200mA Output Current in Buck Mode
- $I_Q = 1.3\mu A$
- 1.2MHz Ultralow Noise PWM
- Programmable Maximum Power Point Control (MPPC)
- LTC3129-1: 8 User-Selectable Fixed Outputs

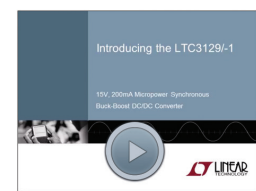
### Efficiency vs Power Loss for 5V<sub>OUT</sub>



### ▼ Info & Free Samples

[www.linear.com/product/LTC3129](http://www.linear.com/product/LTC3129)

1-800-4-LINEAR



[video.linear.com/182](http://video.linear.com/182)

*LT, LT, LTC, LTM, Linear Technology and the Linear logo are registered trademarks of Linear Technology Corporation. All other trademarks are the property of their respective owners.*

