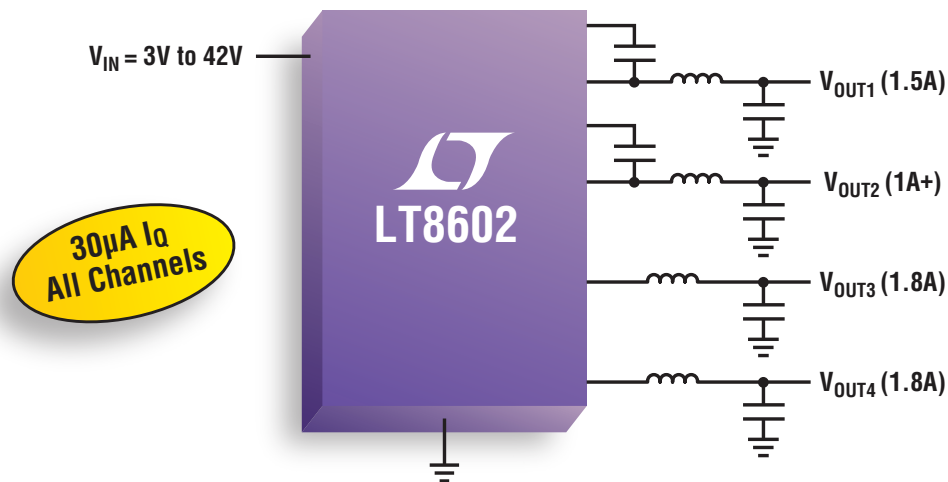


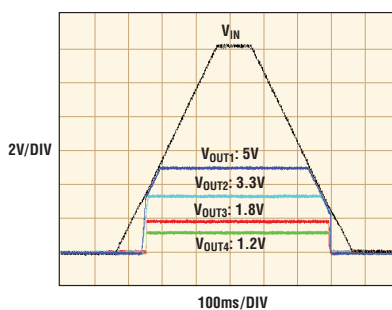
# 42V, 2MHz, Quad Sync Buck



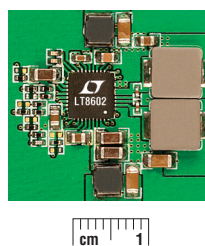
## 93% Efficient, High Step-Down Ratios & Small Solution Size

The LT<sup>®</sup>8602 brings a new level of integration to 42V input monolithic multiple output synchronous buck converters. Channel 1 delivers up to 1.5A of continuous output current, channel 2 can deliver over 1A depending on the configuration, and channels 3 and 4 can deliver up to 1.8A each. Channels 1 and 3 operate 180° out of phase from channels 2 and 4, further reducing input ripple. In Burst Mode<sup>®</sup> operation, the LT8602 requires only 30µA of quiescent current with all channels on, thereby extending battery life. For high step-down ratio applications, the LT8602 can operate from 16V down to 0.8V at a switching frequency of 2MHz. And each channel's dropout voltage is only 200mV at 1A outputs.

**LT8602 Dropout Performance**



**LT8602 Demo Circuit (Actual Size)**



### ▼ Info & Free Samples

[www.linear.com/LT8602](http://www.linear.com/LT8602)

1-800-4-LINEAR

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