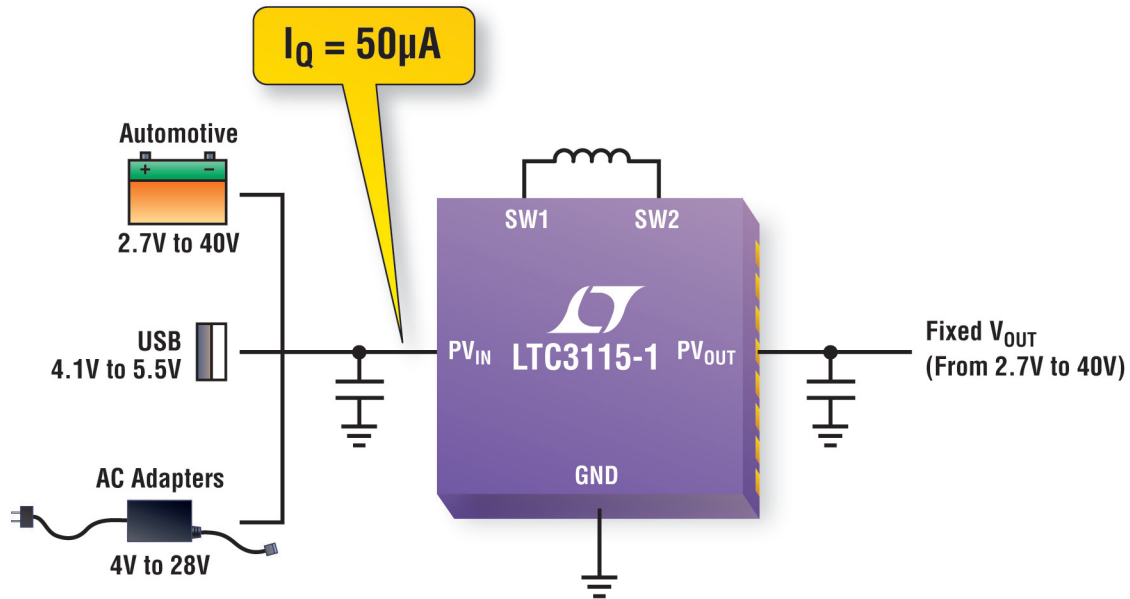


# 2.7V to 40V, 2A, Sync Buck-Boost



## Simple Solutions to Your Power Conversion Challenges

The LTC<sup>®</sup>3115-1 is just one of our growing family of buck-boost converters, greatly simplifying designs where a fixed output voltage is required even when the input can be above, below or equal to it. Applications with multiple input sources typically face this challenge, necessitating a wide input range for this type of converter. The LTC3115-1's 2.7V to 40V input range easily manages these voltage levels and its 50µA quiescent current at no load is ideal for "always-on" systems. The LTC3115-1 provides true output disconnect between the load and the input source in shutdown, and its low transition noise minimizes interference with audio or RF circuitry.

### Selected Buck-Boost Converters

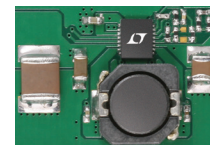
Part Number	V <sub>IN</sub> Range (V)	V <sub>OUT</sub> Range (V)	I <sub>OUT</sub> (Buck Mode)	Comments
LTC3536	1.8 to 5.5	1.8 to 5.5	1A	Up to 2MHz switching & I <sub>Q</sub> = 28µA
LTC3113	1.8 to 5.5	1.8 to 5.5	3A	New low noise architecture
LTC3112	2.7 to 15	2.5 to 14	2.5A	Up to 1.5MHz switching & I <sub>Q</sub> = 50µA
LTC3115-1	2.7 to 40	2.7 to 40	2A	Up to 2MHz switching & I <sub>Q</sub> = 50µA
LTC3785	2.7 to 10	2.7 to 10	10A*	True output disconnect during shutdown
LTC3789	4 to 38	0.8 to 36	20A*	5.5V LDO & PowerGood monitor
LTM <sup>®</sup> 4605	4.5 to 20	0.8 to 16	10A	DC/DC µModule <sup>®</sup> regulator with external inductor
LTM4607	4.5 to 36	0.8 to 24		
LTM4609	4.5 to 36	0.8 to 34		

\*Depends on external MOSFETs.

### Info & Free Samples

[www.linear.com/products/buckboostfamily](http://www.linear.com/products/buckboostfamily)

1-800-4-LINEAR



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