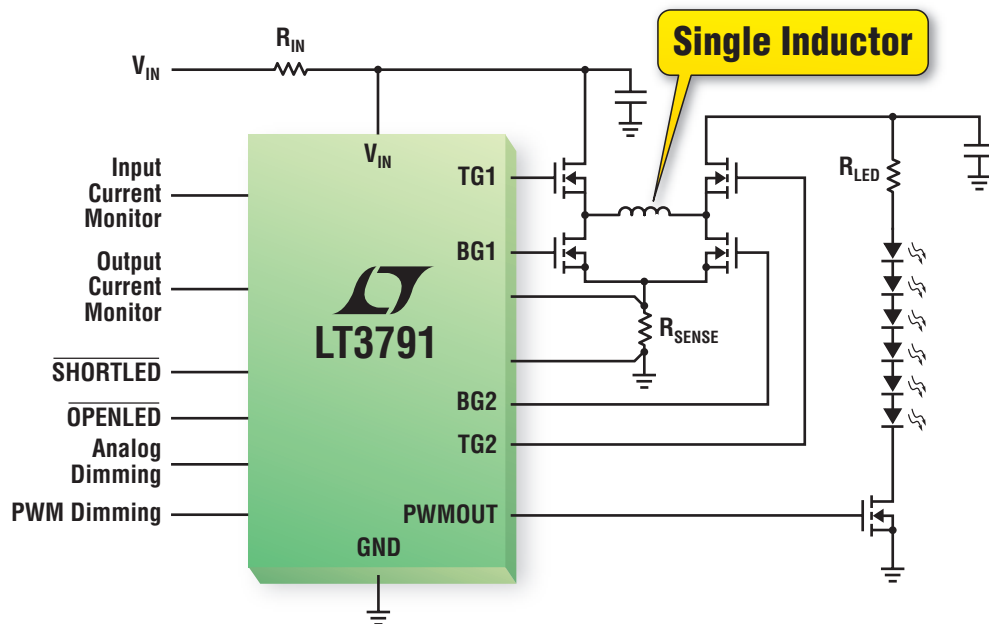


# 100W+, 98% Efficient Buck-Boost LED Driver



## 4.7V<sub>IN</sub> to 60V<sub>IN</sub>, Short Circuit Proof with LED Protection & Diagnostics

Here's the latest in our growing family of high power, high performance LED drivers designed to simplify power delivery to high brightness LEDs. The LT<sup>®</sup>3791's 4-switch buck-boost controller topology operates from input voltages above, below or equal to the output voltage while delivering constant currents from 1A up to tens of amps. The LT3791 also provides  $\pm 4\%$  LED current accuracy and  $\pm 1.5\%$  output voltage accuracy to ensure the highest performance LED solutions.

### LED Drivers

Part Number	V <sub>IN</sub> Range (V)	Topology	Comments
LT3741	6 to 36	Synchronous Step-Down	LED Current up to 20A
LT3743	6 to 36	Synchronous Step-Down	LED Current up to 40A with Fast LED Current Transitions
LT3755	4.5 to 40	Multitopology	V <sub>OUT</sub> up to 75V
LT3756	6 to 100	Multitopology	V <sub>OUT</sub> up to 100V
LT3791	4.7 to 60	4-Switch Synchronous Buck-Boost	V <sub>OUT</sub> from 0V to 60V with Current Monitoring

### Info & Free Samples

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

1-800-4-LINEAR



Free Power  
Management  
for LEDs  
Brochure

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

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