

## TPS61061 – 375-mA LED Driver with Brightness Control

### One Page Overview

#### Product Description:

The TPS61061 1MHz synchronous boost converter family with constant current output is capable of driving up to 5 white LEDs with PWM or digital brightness control. Available in either a QFN or chip scale package, the TPS61061 family of white LED drivers is ideally suited for any portable application.

#### Key Parameters:

- Integrated Over voltage and Short-Circuit Protection
- 2.7 V – 6.0 V Input Voltage Range
- Family Powers Up to 5 LEDs
- Configurable Brightness Control

#### Nano-Evaluation Module Description:

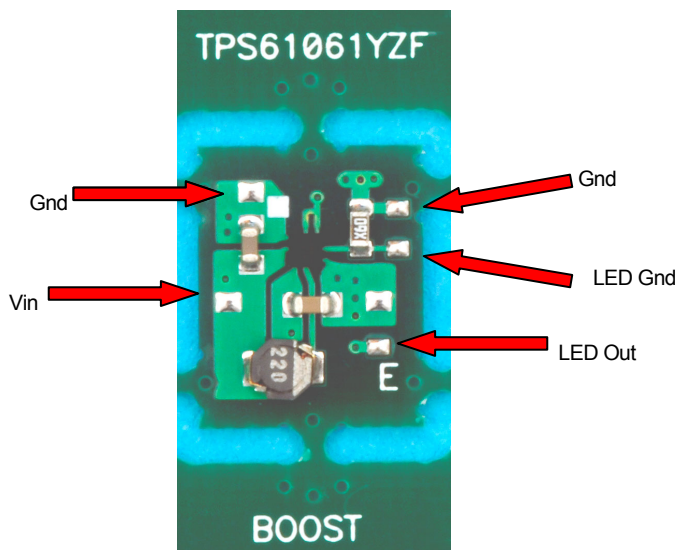
The TPS61061 NanoEVM included within this kit can easily be broken out of the main NanoEVM PCB and have been made as small as possible to be soldered onto a customer's board for evaluation of the device in the system. It contains all the external components needed for correct operation. For full evaluation, please request a standard size EVM (TPS61061EVM-091).

#### Nano-Evaluation Module Board Use:

Before you connect the EVM to a power supply, please check the picture below to ensure correct electrical connections.

Please note following important device limitations:

- Maximum DC Supply Voltage: 6 V



#### TPS61061 Nano-EVM – (PR570)

The Nano EVM is not designed to test the full functionality of the device. For further product information including the board schematics, BOM and the link to the product folder, please visit the following web site: [www.ti.com/analogportable](http://www.ti.com/analogportable)

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