

## ***KAL Silicon Technologies eNews***

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### **1V Boost Driver for Power LEDs**

The new PR4404 is a LED driver providing more than 150mA out of one battery cell and up to 300mA from two batteries for one to three power LEDs. A hold input allows controlling the LED brightness via a PWM signal or switching the LED from a microcontroller.

You need only a few components to realize applications like flash lights, blinking lights or LCD backlighting in a cost-efficient way with small board sizes. Several applications and circuits can be found in the comprehensive data sheet on the web site [http://www.prema.com/Application/pr4404\\_e.html](http://www.prema.com/Application/pr4404_e.html). Samples of the PR4404 are available upon request.

PREMA will announce further standard ICs this year such as additional DC-DC converters and high voltage operational amplifiers for voltages of up to 80V. All data sheets are listed at <http://www.prema.com/Application/applications.html>.