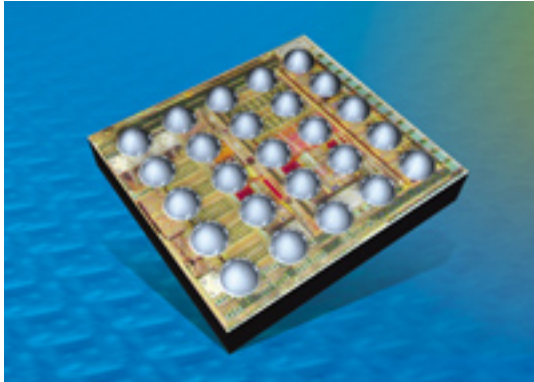


## **Lighting Management Unit for Mobile Applications Offers Flexibility**



austriamicrosystems has announced the AS3676, an Integrated Lighting Management Unit (LMU) with ambient light sensing (ALS) and dynamic luminance scaling (DLS). The chip integrates 13 current sinks, a high-efficiency step-up DC/DC converter and high-power charge-pump, an analog-to-digital converter (ADC) and a programmable low drop-out regulator (LDO), all incorporated with advanced algorithms for high-efficiency display and keypad backlight, funlight, smartlight and other advanced portable illumination and indication effects. The integration of the main illumination features facilitates controlling all mobile lighting with a single chip. The features and flexibility of the AS3676 make it appropriate for portable consumer electronic products such as mobile phones, mobile TV's, mobile DVD players, mobile GPS devices, and MP3 players. With both ALS and DLS supported by the AS3676, power conservation thru automatic adjustment of backlighting and other LED functions is greatly simplified. In addition, built-in features like automatic dimming, pattern generation and audio sync function enable eye catching visual effects with minimum load on the baseband processor.

### **austriamicrosystems**

919-676-5292, [www.austriamicrosystems.com](http://www.austriamicrosystems.com) [1]

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