

## **FOR IMMEDIATE RELEASE**

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### **IXYS Introduces New High Efficiency 6-Channel LED Driver LDS8763 To Drive Up To 72 LEDs Using a Current Mode DC/DC Boost Converter**

Milpitas, CA, and Biel, Switzerland. January 13, 2011 – IXYS Corporation (NASDAQ: IXYS) announces today the availability of samples and evaluation boards of the LDS8763, an innovative inductor-based, high efficiency, 6-channel White LED (“WLED”) driver. The LDS8763 is able to drive up to 72 WLEDs in six strings with up to 12 LEDs per string. The [LDS8763](#) is delivered with factory programmed LED current at 20, 25, or 30 mA per string and 1.5% channel-to-channel current matching. LED brightness is adjustable by internal PWM pulse generator with duty cycle regulated by external DC voltage applied to the PWM pin. Duty cycle changes linearly from 1% at 0.25 V to 100% at 1.135 V and remains at 100% at higher voltages.

The LDS8763 is an integrated DC/DC boost converter with an internal MOSFET switch for the highest efficiency. The MOSFET operates at 0.7 MHz switching frequency and wide input voltage range of 4.5 to 28 V for power conversion circuitry. It requires a small external inductor of 10 – 33 microhenry, and features under-voltage, over-voltage, over-current, and over-temperature protections.

The [LDS8763](#) is available in a 4 x 4 x 0.8 mm 28-pin thermally enhanced TQFN package.

The LDS8763 is intended for backlight LED lighting of medium size LCD displays like notebooks, netbooks, E-books, tablet computers, navigation displays, small LCD TVs and displays. It can also be used in large area LED lighting panels for indoors and outdoors LED lighting fixtures.

This product complements the expanded line of IXYS and Clare LED drivers that feature products for battery operated LED drivers to off AC line LED drivers.

Additional product information may be obtained by visiting IXYS’ website at <http://www.ixys.com>, and the Clare website, [www.clare.com](http://www.clare.com) or by contacting the company directly.

#### **About IXYS Corporation**

IXYS Corporation makes and markets technology-driven products to improve power conversion efficiency, generate solar and wind power, and provide efficient motor control for industrial applications. IXYS offers a diversified product base that addresses worldwide needs for power control, electrical efficiency, renewable energy, telecommunications, medical devices, electronic displays, and RF power.

## **Safe Harbor Statement**

Any statements contained in this press release that are not statements of historical fact, including the performance, advantages, rating, availability, reliability, efficiency and suitability of products for various applications, may be deemed to be forward-looking statements. There are a number of important factors that could cause the results of IXYS to differ materially from those indicated by these forward-looking statements, including, among others, risks detailed from time to time in the Company's SEC reports, including its Form 10-Q for the quarter ended September 30, 2010. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.