

## **PRESS RELEASE**

Contact:

Catherine Austin  
Clare, Inc.  
Ph: 978-524-6823  
Fax: 978-524-4900

### **IXYS Clare Introduces New Family of 9-Amp Ultrafast MOSFET Drivers**

*IXD\_609 Gate Driver ICs are ideal for driving IXYS power MOSFETs and IGBTs*

Beverly, MA and Biel, Switzerland. August 17, 2010 - IXYS Corporation (NASDAQ:IXYS) and Clare, Inc., a wholly owned subsidiary of IXYS, announces the immediate availability of the IXD\_609 family, the latest in the 600 series of high current, ultrafast low side gate driver ICs. The IXD\_609 high current output can source and sink 9A of peak current while producing voltage rise and fall times of less than 25ns, making it ideal for driving IXYS' power MOSFETs and IGBTs.

The IXD\_609 can operate with supply voltages from 4.5V to 35V, and is specified over the minus 40 degrees Centigrade to plus 125 degrees Centigrade automotive temperature range. The input is CMOS compatible, and is virtually immune to latch up. Proprietary circuitry eliminates cross-conduction and current "shoot-through". Low propagation delay and fast, matched rise and fall times make the IXD\_609 family ideal for high-frequency and high-power applications.

The IXDD609 is configured as a non-inverting driver with an enable, the IXDN609 is configured as a non-inverting driver, and the IXDI609 is configured as an inverting driver.

#### **About Clare and IXYS Corporation**

Clare, Inc., a leader in the design and manufacture of solid state relays and high voltage integrated circuits, is a wholly owned subsidiary of IXYS Corporation. IXYS Corporation develops and markets primarily high performance power semiconductor devices that are used in controlling and converting electrical power efficiently in power systems for the telecommunication internet infrastructure, motor drives, medical systems, solar energy, wind energy, electrical generators and transportation. IXYS also serves its markets with a combination of digital and analog integrated circuits, RF power products and power subsystems including application-specific, embedded system-on-chip (SoC) solutions for the industrial and consumer markets manufactured by its wholly owned subsidiary, Zilog, Inc. Additional information about Clare, IXYS and Zilog may be found at [www.clare.com](http://www.clare.com), [www.ixys.com](http://www.ixys.com) and [www.zilog.com](http://www.zilog.com).

**Safe Harbor Statement**

Any statements contained in this press release that are not statements of historical fact, including the performance, rating, availability, reliability 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-K for the fiscal year ended March 31, 2010. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.