

PRESS RELEASE

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Clare Introduces Industry's First LCAS IC for Ringing SLICs

New CPC7508 Line Card Access Switch (LCAS) IC Addresses Latest Customer Premises Equipment (CPE) Telephony Gateways such as Fiber-to-the-home, VoIP, DSL, Cable, and Others

Beverly, MA, June 11, 2009 – Clare, Inc., a wholly owned subsidiary of IXYS Corporation (NASDAQ:IXYS) announces the immediate availability of the CPC7508 LCAS for Ringing SLICs (Subscriber Line Interface Circuit). This versatile monolithic high voltage IC features eight digitally controlled MOSFET switching relays for bi-directional transmission particularly for ringing SLIC (RSLIC) telephony applications. The device replaces a pair of 2-Form-C electromechanical relays (EMRs) and the requisite driver circuitry. In addition, surge protection costs for the RSLIC are greatly reduced due to the integrated current limit and thermal shutdown protection in each high-voltage switch on the CPC7508. A substantial bill of material parts and cost savings is achieved as well as a significant reduction in board space.

The CPC7508 is used between the RSLIC and the telephony loop in applications such as Optical Network Units (ONU). Semiconductor MOSFET switches provide tip and ring line break, drop test and channel test functions, while requiring only a single +12V supply for operation. The device replaces bulky EMRs that are currently used in test access and line monitoring functions. The CPC7508 also provides additional switches and integrates more functionality than restricted test capability RSLICs having a limited number of internal switches. Compatibility with 3.3V or 5V logic for switch state control is provided by the TTL logic level inputs.

The CPC7508 is made in Clare's bonded-wafer, silicon-on-insulator, 330V BCDMOS process with trench isolation, which has been used for many years in central office telecom equipment requiring long operational life (20+ years). The CPC7508BA is available in a 16-pin SOIC package, in both sample and production quantities.

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. Additional information about Clare and IXYS may be found at www.clare.com and www.ixys.com, or by sending an email to info@clare.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-Q for the quarter ended December 31, 2008. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.