

PRESS RELEASE

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Clare Announces New Eight-Channel High Voltage Analog Switch IC

New CPC7232 Eight-Channel High Voltage Analog Switch IC Targeted for Ultrasound Applications

Beverly, MA, July 9, 2009 – Clare, Inc., a wholly owned subsidiary of IXYS Corporation (NASDAQ:IXYS) announces the immediate availability of the CPC7232, an eight-channel high voltage analog switch IC. Designed using Clare's proprietary high voltage BCDMOS on SOI (silicon on insulator) process, the CPC7232 combines high voltage, bilateral DMOS switches with low power CMOS logic. This results in the efficient control of high voltage analog signals with low voltage logic control signals. The CPC7232 is ideal for medical ultrasound imaging, test equipment, printers, and industrial measurement applications.

The CPC7232 features very low quiescent power dissipation (typically much less than 1 micro-Amp). Each of the eight high voltage, low charge injection, bi-directional outputs is capable of operating from various combinations of split power supplies up to 200V (ex. +160V/-40V, +100V/-100V, and +185V/-15V). The high voltage outputs are controlled by data clocked into an internal 8-bit shift register and stored in an 8-bit transparent latch. The latch is controlled with enable and clear inputs. The CPC7232 integrates 35K ohm bleed resistors to discharge the capacitive loads of piezoelectric transducers, thus saving cost and PCB space.

The CPC7232 is fully specified over the 0 degree Centigrade to +70 degrees Centigrade commercial temperature range, and is available in industry standard 48-lead LQFP (CPC7232K) and 28-lead PLCC (CPC7232W) packages.

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-K for the fiscal year ended March 31, 2009. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.