

## **Press Release**

### **Contacts:**

Westcode Semiconductors Ltd, UK - Frank Wakeman, +44 1249 444524.

IXYS Long Beach – Ray Segall, 562-296-6584 (US sales enquiries only)

### **Westcode Announces New ‘Megawatt’ Press-Pack IGBT Product**

Biel, Switzerland, November 18, 2009 — IXYS Corporation (NASDAQ:IXYS) announced that its wholly owned UK subsidiary, Westcode Semiconductors Limited, has expanded its groundbreaking family of press-pack IGBTs. The new device has a voltage rating of 2.5kV and a current rating of 2250A. The compact package design gives the new device unrivalled ‘Megawatt’ power density, with the advantages of high reliability and high efficiency. The unique hermetic ceramic package and internal construction provides double side cooling for the IGBTs, resulting in superior thermal, power cycling and power ratings, when compared to alternative technologies.

The compact fully hermetic package design is mechanically compatible with cooling systems (including total immersion systems such as oil) currently employed for 3000A/4000A GTO thyristors; this feature allowing either retrofitting or design continuation of existing systems. The high current rating allows for the conversion of old bi-polar drives to state of the art IGBT technology, without the need to replace the basic mechanical structure. Adopting a refurbishment approach to component obsolescence is both cost effective and environmentally friendly; as it reduces consumption of both materials and energy, when compared to replacement of the equipment.

Frank Wakeman, Marketing & Technical Support Manager commented, “The high power density of the device, and its unique mechanical construction, make this device ideal for new designs, especially in green power applications such as converters for wind and wave power generation in the high ‘megawatt’ range. The high reliability and exceptional thermal ruggedness are also well suited to the demands of high power converters in traction applications, both for light rail and main line applications such as a high-speed electrical multiple unit or EMU.”

Part number T2250AB25E identifies the new device. Westcode also offers a full range of complementary products, such as fast diodes, coolers and clamps to allow for the successful implementation of new designs. As an addition to the new device and complementary products, a full design and build power sub-assemblies service is also available.

More information is available on the Westcode website at [www.westcode.com](http://www.westcode.com) or please contact us at (email: [WSL.sales@westcode.com](mailto:WSL.sales@westcode.com)) or telephone: +44 (0) 1249 444524 for quotation.

### **About Westcode**

Located in Chippenham, England, Westcode Semiconductors Ltd is a leading manufacturer of very high power thyristors, SCRs and rectifiers ranging up to 6500 Volts and 15,000 Amps. Westcode continues to supply high technology components for a wide range of applications such as welding, AC and DC drives, rectifier supplies, uninterruptible power supplies, motor

soft starts, transportation, induction heating, power conditioning, high energy physics and many other industrial uses.

### **About IXYS Corporation**

Since its inception in 1983, IXYS Corporation has been developing technology-driven products to improve power conversion efficiency, generate solar and wind power and provide efficient motor control for industrial applications. IXYS, and its subsidiary companies, offer a diversified product base that addresses worldwide needs for power control, electrical efficiency, renewable energy, telecommunications, medical devices, flexible displays and RF power.

### **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 September 30, 2009. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.