

Contacts:

Ronnie Ganitano, IXYS Corporation, Tel: 408-457-9000
Bradley Green, IXYS Switzerland, Tel: +41 323 744 020

IXYS Expands Its GenX3™ CoPack IGBT Family With Silicon Carbide Diode

Biel, Switzerland. May 28, 2009 - IXYS Corporation (NASDAQ:IXYS) announced the expansion of its family of 600V GenX3™ IGBTs product range to include a portfolio of IGBTs with Silicon Carbide (SiC) co-pack diodes. For demanding applications like solar inverters and switch mode power supplies, the combination of the GenX3™ IGBT and the extremely fast SiC diode create a solution that can allow the customer a solution in markets where efficiency is the main design requirement.

The GenX3™ platform is manufactured using IXYS' robust HDMOS IGBT process and is optimized in two speed classes. Both classes take the benefit of IXYS' proven Punch-Through (PT) technology that includes lower saturation voltage and lower energy losses offering designers a new viable option for improved switching applications at the 600V range.

The B3 range of GenX3™ IGBT are optimized for 20kHz hard switching applications and the SiC diode combination will be essential for efficiency critical applications at mid-range frequencies such as Solar Inverters. The C3 range of GenX3™ IGBT extends the range to higher frequencies and can facilitate the fastest switching IGBT available on the market today.

These devices are co-packed with high performance SiC ultra-fast diodes offering minimal switching losses due to the absence of reverse recovery charge (Qrr) in High Band Gap technology, further extending the barriers of switching frequency of the IGBT. The square reverse bias safe operating area (RBSOA) featured in the 600V GenX3™ IGBT improves maximum clamped inductive load current allowing the device to safely operate in snubberless, hard switching applications.

Products are offered in various standard packages (TO-220 to TO-247) with collector current ratings from 30A to 60A. They will also be offered in IXYS' ISOPLUS™ packaging providing high isolation capability (up to 2500V) and superior thermal performance. Initial device offerings include part numbers IXGP30N60C3C1, IXGH36N60B3C1, IXGH48N60B3C1, and IXGH48N60C3C1.

“With this development, IXYS presents innovative product solutions for the next generation of solar power generating products,” stated Bradley Green, Vice President of International Sales for IXYS. “We are proud of our record in the realization of high technology solutions to a world where efficiency and reliability are now the foremost design-in standards. Several years ago we pioneered the combination of our IGBTs with GaAs power rectifiers. In order to further extend competitive advantage to our customers, the silicon content in these products can also be integrated in IXYS' high reliability module packages to create higher power density, reduced parasitic inductances and customer focused solutions.”

Additional information may be obtained by visiting IXYS' website at <http://www.ixys.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 competitive and technical advantage against competition, effectively controlling the internal supply chain, the performance, advantages, 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.