



FOR IMMEDIATE RELEASE

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IXYS Introduces The HiPerFRED2™ – A New Generation of Ultrafast Recovery Diodes In The 200V To 400V Range

Biel, Switzerland. February 26, 2009. IXYS Corporation (NASDAQ: IXYS) announces today the expansion of its new generation of ultrafast recovery diodes called the HiPerFRED2™ family. These new products are produced in IXYS own wafer plant, utilizing proprietary and advanced processing technology that optimizes the fast switching speed of the diode with low forward voltage drop (Vf) and no “snappiness” for 200V, 300V and 400V ratings. These products set new standards for improved efficiency in Power Systems, to reduce the energy losses in power conversion applications.

The HiPerFRED2™ diode family is ideally suited for power applications with high switching frequencies (20-200 kHz) and especially in boost and free wheeling configurations such as in Power Factor Correction (PFC) circuits and Switch Mode Power Supplies (SMPS). All of these will benefit from the optimised characteristics of small reverse recovery current (IRR) and small stored charge (QRR), as well as a soft recovery. The results are reduced energy losses for the diode as well as for the switching transistor in the power circuit. An added benefit of the soft recovery of these diodes in turn off, is the minimized EMI noise they generate in switching and the elimination of the need to add costly snubber circuitry for the switching transistors.

The voltage ratings of these fast diodes make them ideal for applications in Hybrid and Electrical cars and vehicles.

The HiPerFRED2™ family have a Vrrm rating from 200 V to 400 V with different current values from 10A up to 60A. More than 40 products are available in various configurations and packages including the isolated ISOPLUS™-packages of IXYS. Some part type examples are DPG10I200PA (10A, 200V); DPG30C300PB (2x 15A, 300V); DPG60I400HA (60A, 400V); DPG120C300QB (2x 60A, 300V) and DPH30IS600HI (30A, 600V (series connected!)).

The HiPerFRED2™ rectifiers provide high efficiency and high power density at a lower cost. For more detailed information, data sheets etc. visit our website under www.ixys.com or contact your local sales representative.

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 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.