

FOR IMMEDIATE RELEASE

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IXYS Introduces New 900V Rugged and Fast Polar Series Power MOSFETs

Biel, Switzerland and Milpitas, CA. February 3, 2010 – IXYS Corporation (NASDAQ: IXYS) announces new 900V additions to its comprehensive Polar HiPerFET™ Power MOSFET product portfolio. Available with drain current ratings from 10.5 Amperes to 56 Amperes, these new 900V additions complement IXYS' high-voltage Polar HiPerFET™ MOSFET product line (available from 500V to 1200V), providing the end customer a broader selection range of robust, energy efficient high-voltage MOSFET solutions to choose from. These new 900V devices combine advantages derived from IXYS' Polar Technology platform and HiPerFET™ process to provide improved power efficiency and reliability in today's demanding high-voltage conversion systems that require bus voltage operation of up to 700V.

IXYS' Polar Technology platform has been especially tailored to minimize on-state resistance while maintaining a low gate charge. This results in a substantial reduction in conduction and switching losses of the device. Lower thermal impedances are also achieved, increasing the total power density capability of these devices. Power switching capabilities and device ruggedness are further enhanced with a fast intrinsic diode with low reverse recovery charge (Q_{rr}) and improved turn-off dV/dt immunity. The improved turn-off dV/dt immunity offer significant safety margins for the stresses encountered in high-voltage switching applications. These combined device attributes allow for improved efficient topologies in hard-switching inverters, switch-mode/resonant-mode power supplies, high voltage lighting, AC/DC motor drives, robotics/servo controls, industrial machinery and active power factor correction circuits.

IXYS offers a full range of discrete standard thru-hole and surface mount packages for these new Polar HiPerFET™ additions. Versions are also offered in IXYS proprietary ISOPLUS packages, providing UL recognized 2500V isolation with superior thermal cycling and thermal performance. Some part number examples are: [**IXFR18N90P**](#) (900V, 10.5A, R_{dson} no greater than 660mOhm, ISOPLUS), [**IXFV12N90P**](#) (900V, 12A, R_{dson} no greater than 900mOhm, PLUS220), [**IXFT18N90P**](#) (900V, 18A, R_{dson} no greater than 600mOhm, TO268), [**IXFH24N90P**](#) (900V, 24A, R_{dson} no greater than 420mOhm, TO247), [**IXFN40N90P**](#) (900V, 33A, R_{dson} no greater than 210mOhm, SOT227) and [**IXFB52N90P**](#) (900V, 52A, R_{dson} no greater than 160mOhm, PLUS264).

Additional product 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 performance, advantages, rating, availability, reliability, efficiency 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.