

FOR IMMEDIATE RELEASE

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IXYS Introduces New High Voltage 2500V and 3000V BiMOSFETs™

Biel, Switzerland and Milpitas, CA. October 13, 2009 – IXYS Corporation (NASDAQ: IXYS) announces the expansion of its BiMOSFET™ product line portfolio with the release of its new High Voltage BiMOSFETs™. These unique devices are tailored to enhance system performance in both the areas of energy efficiency and reliability in high-voltage, high-current commercial and industrial applications.

The introduced HV BiMOSFETs™ feature blocking voltage capabilities of up to 3kV with corresponding collector current ratings of up to 130 Amperes and uniquely feature a “free” intrinsic body diode similar to that found in a conventional MOSFET. This new family will compliment IXYS’ other high voltage lines, finding applications in a diverse range of products such as AC switches, circuit breakers, radar pulse modulators, switch-mode power supplies, capacitor discharge circuits, and laser and X-Ray generation systems.

Parallel operation of this new class of devices can be easily achieved due to the positive voltage temperature coefficient of both of its saturation voltage $V_{ce(sat)}$ and the forward voltage drop of its intrinsic diode V_f . Furthermore, this “free” intrinsic body diode serves as a protection diode, providing an alternative path for inductive load current during the turn-off transition of the device, suppressing high Ldi/dt voltage transients from inflicting damage on to the device.

IXYS’ HV BiMOSFETs™ represent excellent candidates for high-voltage, high current applications where traditional MOSFETs are typically utilized in series-parallel strings to overcome their voltage current and on-state limitations. Such device consolidation reduces the number of power devices and associated complex drive components, resulting in a much simpler system design, with improved reliability, and a lower system cost.

IXYS’ HV BiMOSFETs™ are available in various standard packages, including the surface mount TO-268 and the leaded TO-247, TO-264, and PLUS247. These devices are also available in IXYS’ proprietary ISOPLUS™ packaging, offering high isolation capability (up to 3000V) and superior thermal performance.

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