



FOR IMMEDIATE RELEASE

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IXYS Introduces Next Generation of Extended Safe Operating Area Rugged Power MOSFETs

Biel, Switzerland and Milpitas, CA. April 9, 2009 – IXYS Corporation (NASDAQ: IXYS) announces today the commercial availability of its new Linear L2™ Power MOSFET family in the 250V, 500V and 600V ratings. These new devices are designed to sustain high power in linear mode operation and feature low static drain to source on-resistances. They provide unparalleled performance and reliability in controlled current output applications which require robust and reliable devices for use in linear-mode operations. List of possible applications include circuit breakers, current sources, programmable loads, power controllers, power regulators, motor control, power amplifiers and soft start applications.

IXYS' Linear L2™ MOSFETs are optimized to endure the high thermo-electrical stress caused by the simultaneous occurrence of high drain voltage and current commonly present in applications operating in linear-mode. In response to these occurrences, IXYS has made optimizations to the internal structure of this new family of linear MOSFETs in order to maximize power dissipation capabilities. The forward bias safe operating area (FBSOA) is one such key characteristic that was optimized to overcome limitations and constraints posed by conventional power MOSFETs in linear applications. Additional features include avalanche capabilities and a guaranteed FBSOA at 75 degrees Centigrade. These extended FBSOA Power MOSFETs are not intended for high speed switching applications.

The introduced Linear L2™ MOSFETs are presented with drain current ratings from 15 amperes to 90 amperes and are available in a variety of discrete industry standard package housings. The IXTA15N50L2 (V_{dss}=500V, R_{ds}≤480mOhms, T_c=25 degrees Centigrade SOA specification power=150W at V_{ds}=400V, I_d=0.375A), IXTK90N25L2 (V_{dss}=250V, R_{dson}≤33mOhms, T_c=25 degrees Centigrade SOA specification power=575W at V_{ds}=250V, I_d=2.3A), IXTQ30N50L2 (V_{dss}=500V, R_{dson}≤200mOhms, T_c=25 degrees Centigrade SOA specification power=200W at V_{ds}=400V, I_d=0.5A), IXTN60N50L2 (V_{dss}=500V, R_{dson}≤100mOhms, T_c=25 degrees Centigrade SOA specification power=360W at V_{ds}=400V, I_d=0.9A) and IXTH30N50L2 (V_{dss}=500V, R_{dson}≤200mOhms, T_c=25 degrees Centigrade SOA specification power = 200 W at V_{ds}=400V, I_d=0.5A) are just some examples from this new family of extended FBSOA Power MOSFETs.

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, 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.