

Press Release

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IXYS Introduces 1200V SiC Schottky Diode in SOT-227 Packages for Higher Power Applications

Leiden, Netherlands. April 4, 2017 – IXYS Corporation (NASDAQ: IXYS), a leader in power semiconductors and IC technologies for energy efficient products used in power conversion and motor control applications, announced today the availability of the DCG85X1200NA and the DCG100X1200NA, both dual 1200V rated SiC Schottky diodes in SOT-227 packages, the MiniBLOC™, fully isolated.

The [DCG85X1200NA](#) and the [DCG100X1200NA](#) both offer two SiC Schottky diodes with an average forward current of 43 Amps and 49 Amps, respectively, at 80C case temperature. Both are rated at 1200V blocking voltage in MiniBLOC™ SOT-227 package featuring 3kV isolation to heat sink and low thermal impedance based on IXYS' proprietary technology. Both products offer higher power density, lower assembly cost and smaller size.

“With this addition to our fast diode portfolio, IXYS enables higher power in switching and control for inverters, UPSs and rapid charger solutions,” commented Dr. Elmar Wisotzki, Director of Technology for IXYS Germany. “The devices use our matching assembly technology to harvest the full advantage of the IXYS' SiC power diodes. IXYS also offers the best driver ICs, such as the IXDD609SI, for high power SiC MOSFETs. Thus, we offer the total solution to our customers to improve efficiency at best performance over cost ratio.”

Both diodes are electrically isolated from each other inside the package, allowing it to be free to connect to a common source or phase leg configuration. Additionally, the positive temperature coefficient of the forward voltage supports paralleling options for higher power applications.

Typical applications, among others, are high efficient DC-DC converters, solar inverters, uninterruptible power supplies (UPS) systems and rapid-charger solutions.

Additional product information can be obtained by visiting the IXYS website at www.ixys.com or by contacting the company directly.

About IXYS Corporation

Since its founding, IXYS Corporation has been developing power semiconductors and mixed signal ICs to improve power conversion efficiency, generate solar and wind power and provide efficient motor control for industrial applications. IXYS and its subsidiary companies offer a diversified product base that addresses worldwide needs for power control in the growing cleantech industries, renewable energy markets, telecommunications, medical devices, transportation applications, flexible displays and RF power.

Safe Harbor Statement

Any statements contained in this press release that are not statements of historical fact, including the performance, features 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 fiscal quarter ended December 31, 2016. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.