IXYS Introduces New Power Modules with Advanced X2PT IGBT Generation

Leiden, Netherlands, May 19, 2015 – IXYS Corporation (NASDAQ: IXYS), a leader in power semiconductors and HVIC technologies for energy efficient products used in power conversion, motor control, medical and transportation applications, expands its IGBT module family with two new platforms, the 34mm and 62mm modules.

The new families represent a compact power platform with Cu base plate technology that provides optimal high power density and excellent thermal conductivity. These modules are in industry standard outline optimized for phase leg configurations but contain IXYS’ latest generation X2PT IGBT and SONIC freewheeling diode technologies. This combination allows for the best of both worlds, traditional packaging and the latest silicon technology to address the state of the art high performance power control applications.

The first available 34mm wide modules are the XPT 100A 650V rated phase leg (MIXA100PF650YI) and the X2PT 200A 1200V phase leg (MIXG200PF1200YI). These will be followed by the 62mm outlines, first available as the XPT MIXA300PF1200TLP and the X2PT MIXG450PF1200TLP also in phase leg configuration. The 1200V XPT module portfolio will be expanded to also include the latest X2PT technology in a 1700V rating as well as other circuit configurations.

“With our extensive line of input bipolar modules and isolated and non- isolated IGBT driver IC solutions, we offer the broadest product portfolio for a complete power system bill of materials. The IXYS drivers can be also controlled by our broad line of Zilog MCUs to enable smart digital power management in power conversion, motor control and automotive,” commented Dr. Nathan Zommer, Founder, CEO and CTO of IXYS Corporation.

“With continued investments in our technology, we are committed to provide our customers with energy efficient solutions for power and motor control applications,” commented Neil LeJeune, Vice President of European Sales and Business Development. “These new outlines will allow us to offer the best efficiency devices into new and existing applications and allow our customers a market basket of semiconductor solutions.”

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 benefits, savings, efficiency, 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 quarter ended December 31, 2014. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.