For immediate release

MOSFET H-bridge from Diodes Incorporated Reduces Footprint by 50%

Plano, Texas – January 21, 2015 – Diodes Incorporated (Nasdaq: DIOD), a leading global manufacturer and supplier of high-quality application specific standard products within the broad discrete, logic and analog semiconductor markets, today announced two new H-bridge devices: the DMHC4035LSD and the DMHC3025LSD. This pair of MOSFET H-bridges simplifies motor driving and inductive wireless charging circuits by cutting component count and reducing PCB footprint by 50%. The 40V-rated H-bridge, the DMHC4035LSD, is targeted at meeting the requirements of automotive motor driving applications, whereas the 30V-rated H-bridge, the DMHC3025LSD, is suitable for 12V single-phase fan applications.

By packaging dual N-channel and dual P-channel MOSFETs to make a full H-Bridge in just a single 5mm x 6mm SO-8 footprint, the DMHC3025LSD and DMHC4035LSD replace the equivalent four SOT23 or two SO-8 packages for a wide range of space-constrained automotive and industrial applications, including: low-power DC brushless motor driving, fan control and similar requirements for driving inductive loads.

The H-bridges' space-saving advantage is complemented by the low $R_{DS(ON)}$ performance of the MOSFETs: typically 45mΩ at 10V V_{GS} and 65mΩ at -10V V_{GS}, respectively, for the 40V N-channel and P-channel devices. The minimal conduction losses resulting from the low on resistance mean the H-bridges are able to tolerate higher continuous current under motor stall conditions. Under +70ºC high ambient operating temperature, the 30V and 40V H-bridges can support continuous currents of 3A and 2A, respectively, thereby accommodating

worst-case motor stall currents. Further information is available at www.diodes.com.

About Diodes Incorporated

Diodes Incorporated (Nasdaq: DIOD), a Standard and Poor's SmallCap 600 and Russell 3000 Index company, is a leading global manufacturer and supplier of high-quality application specific standard products within the broad discrete, logic and analog semiconductor markets. Diodes serves the consumer electronics, computing, communications, industrial, and automotive markets. Diodes' products include diodes, rectifiers, transistors, MOSFETs, protection devices, functional specific arrays, single gate logic, amplifiers and comparators, Hall-effect and temperature sensors; power management devices, including LED drivers, AC-DC converters and controllers, DC-DC switching and linear voltage regulators, and voltage references along with special function devices, such as USB power switches, load switches, voltage supervisors, and motor controllers. Diodes' corporate headquarters, logistics center, and Americas' sales office are located in Plano, Texas. Design, marketing, and engineering centers are located in Plano; San Jose, California; Taipei, Taiwan; Manchester, England; and Neuhaus, Germany. Diodes' wafer fabrication facilities are located in Kansas City, Missouri and Manchester, with two more located in Shanghai, China. In addition, two assembly-test facilities are located in Shanghai; two are located in Chengdu, China, with one in Neuhaus and one in Taipei. Additional engineering, sales, warehouse, and logistics offices are located in Fort Worth, Texas; Taipei; Hong Kong; Manchester; Shanghai; Shenzhen, China; Seongnam-si, South Korea; Suwon, South Korea; Tokyo, Japan; and Munich, Germany, with support offices throughout the world. For further information, including SEC filings, visit Diodes' website at http://www.diodes.com.

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