



For immediate release

Automotive-Compliant Dual MOSFETs from Diodes Incorporated Minimize Power Losses to Deliver Cost-Effective High Efficiency Solutions

Plano, Texas – March 13, 2017 – Diodes Incorporated (Nasdaq: DIOD), a leading global manufacturer and supplier of high-quality application specific standard products within the broad discrete, logic, analog and mixed-signal semiconductor markets, today introduced the DMNH4015SSDQ and DMTH6016LSDQ. Featuring low figure-of-merit on-resistance and gate charge specifications, these latest 40V and 60V dual, co-packaged enhancement mode MOSFETs minimize power losses, enabling cost-effective, high-efficiency, automotive-compliant power management solutions. Targeted at synchronous rectification applications in automotive instrumentation clusters, head-up displays, and infotainment, navigation and driver assistance systems, the DMNH4015SSDQ and DMTH6016LSDQ are qualified to AEC-Q101 Rev-D standard for high reliability and supported by a PPAP (production part approval process).

When coupled with a PWM control IC, these dual MOSFETs are capable of creating highly efficient and cost-effective DC-DC converters. For example, when switched at 400kHz, the 60V DMTH6016LSDQ delivers a 5V output at a load current of 2A, while achieving an efficiency of 95%. Similarly, the 40V DMNH4015SSDQ delivers 5V at 2A with an efficiency of 91%.

Both devices are 100% avalanche rated to withstand the high pulse energy that can result from inductive loads, and are specified with a maximum junction temperature of +175°C for operation in high ambient-temperature environments.

The DMNH4015SSDQ and DMTH6016LSDQ are supplied in the standard, space-saving SO-8 package. For further information, visit the Company's website 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, analog and mixed-signal semiconductor markets. Diodes serves the consumer electronics, computing, communications, industrial, and automotive markets. Diodes' products include diodes, rectifiers, transistors, MOSFETs, protection devices, function-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 and Americas' sales office are located in Plano, Texas and Milpitas, California. Design, marketing, and engineering centers are located in Plano; Milpitas; Taipei, Taiwan; Taoyuan City, Taiwan; Zhubei City, Taiwan; Manchester, England; and Neuhaus, Germany. Diodes' wafer fabrication facilities are located in Kansas City, Missouri and Manchester, with an additional facility located in Shanghai, China. Diodes has assembly and test facilities located in Shanghai, Jinan, Chengdu, and Yangzhou, China, as well as in Hong Kong, Neuhaus and Taipei. Additional engineering, sales, warehouse, and logistics offices are located in Taipei; Hong Kong; Manchester; Shanghai; Shenzhen, China; Seongnam-si, South Korea; and Munich, Germany, with support offices throughout the world.

Recent news releases, annual reports and SEC filings are available at the Company's website: <http://www.diodes.com>. Written requests may be sent directly to the Company, or they may be e-mailed to: diodes-fin@diodes.com.

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