



For immediate release

Miniature Micropower, Dual-Output, Unipolar Hall Switch from Diodes Incorporated Targets Consumer and Industrial Tech

Plano, Texas – January 4, 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 AH1389. Specifically designed for battery-powered consumer equipment such as cellular phones, tablets, digital still and video cameras, while also embracing home appliances and industrial systems, the AH1389 Hall-effect switch IC offers a small, simple and versatile contactless switch solution. Applications include open/close detection for smart cover switches for cell phones and tablets, in addition to holster and dock detection for phones. It also features 360° rotation detection for display screens, video camera screen position detection, as well as position detection for doors, trays, selector switches and electronic locks in home appliances.

The AH1389 is a unipolar Hall switch that offers high sensitivity with a tightly defined magnetic operating window across its full operating voltage and temperature range. It provides dual outputs for detecting north or south poles independently. Optimized for portable and battery-powered applications, the micropower AH1389 operates from a 1.6V to 3.6V supply while consuming an average current of only 4 μ A. The device is specified for operation over a -40°C to +85°C temperature range and provides a high ESD rating of 8kV for improved reliability and ease of handling during end-equipment manufacture.

Supplied in a small, low-profile X2-DFN1410-4 package, the AH1389 occupies a minimal circuit board footprint. 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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