For immediate release

Hall Switches From Diodes Incorporated Save Power

Plano, Texas – August 22, 2013 – 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 introduced six high-performance Hall effect sensor switches, designed to save power in position and proximity detection roles in a variety of consumer, home appliance and industrial equipment. Optimized for a supply voltage range from 1.6V to 3.6V and using a hibernating clocking system to minimize power consumption, the switches' average supply current is typically 4.3µA at 1.8V.

The micropower Hall effect product introduction comprises the medium-sensitivity AH1895 and high-sensitivity AH1893, AH1897 and AH1812 omnipolar switches. Also included are the programmable high-sensitivity AH1894 omnipolar switch and the AH3360, a high-sensitivity unipolar (south pole) switch. These simple devices are offered in space-saving and low-profile X1-DFN1216-4 (1.2mm x 1.6mm x 0.5mm) and leaded SOT553 (1.6mm x 1.6mm x 0.5mm) packages.

All devices, with the exception of the AH1812, include an internal push-pull output structure, which enables a reduction in external component count and a simplification of PCB layouts. The AH1812 provides an open-drain output option for added flexibility in system pull-up.

A chopper-stabilized design means these highly integrated devices offer improved temperature stability, immunity to stress effects and minimal drift across their operating temperature range of -40ºC to +85ºC. Protection against ESD is also high at 8kV, helping to improve product robustness and simplifying handling during manufacture.

Providing additional design flexibility, the programmable-variant AH1894 enables users to select between one of two magnetic sensitivity ranges using a band select pin, allowing the one device to accommodate different strengths of magnets located at different distances from the Hall sensor. Band selection can either be hardwired or programmed electronically using an external logic source such as a microcontroller. 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 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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