



For Immediate Release

Diodes Incorporated Announces New Omnipolar Hall Switches that Reduce Power Consumption and Simplify Production

Dallas, Texas – February 6, 2009 – Diodes Incorporated (NASDAQ:DIOD), a leading global manufacturer and supplier of application specific standard products within the broad discrete and analog semiconductor markets, today introduced two low voltage Omnipolar parts that substantially reduce power consumption in battery-powered, hand-held devices and dramatically simplify production processes, adding to its extensive range of cost effective Hall effect sensor switches. End-market uses include contact-less lid or display orientation and position detection tasks in notebooks, mobile phones, digital still cameras and camcorders.

Operating over a wide supply voltage range, the micro-power AH1802 and AH1888 Hall effect sensor switches support a broad range of battery cell configurations, from single cell Lithium Ion to dual cell alkaline/zinc. As an illustration of its low power operation, the AH1888 consumes just 15 micro-watts for a supply voltage of 1.8 volts.

The AH1802 and AH1888 detect the magnetic field generated by both North and South poles, thereby removing the requirement for production processes to manage magnet orientation. In the presence of a local magnetic field, the sensor produces a low level 'on' output signal.

The AH1802 with an open drain, single output offers very high sensitivity that makes it ideal for sensing vertically oriented or smaller sized magnets. Packaged in an ultra thin 0.4mm height DFN2015, the compact AH1802 fits slider style mobile phones where height is critical. Offered in the low profile SOT-553 package, the AH1888's dual complementary push-pull outputs enable the device to be directly connected to a system processor without the use of pull up resistors. Outputs adjust to polarity changes, allowing the device to support key wheel type magnets, which are used to detect position and orientation for displays or keyboards that pivot or rotate.

The sensors' chopper stabilization circuitry delivers superior temperature stability, making them less sensitive to physical stress and guards against switch-point drift. Both devices support an operating temperature range from -40°C to 85°C.

The AH1802 is priced at \$0.30USD in 1K quantities and the AH1888 at \$0.35USD in 1K quantities.

PR ref: ZE0568

About Diodes Incorporated

Diodes Incorporated (Nasdaq: DIOD), an S&P 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 and analog semiconductor markets, serving the consumer electronics, computing, communications, industrial and automotive markets. Diodes' products include diodes, rectifiers, transistors, MOSFETs, protection devices, functional specific arrays, amplifiers and comparators, Hall-effect sensors and temperature sensors, power management devices including LED drivers, DC-DC switching regulators, linear voltage regulators and voltage references along with special function devices including USB power switch, load switch, voltage supervisor and motor controllers. The Company's corporate

headquarters are located in Dallas, Texas. A sales, marketing, engineering and logistics office is located in Westlake Village, California. Design centers are located in Dallas; San Jose, California; Taipei, Taiwan; Manchester, England and Neuhaus, Germany. The Company's wafer fabrication facilities are located in Kansas City, Missouri and Manchester; with two manufacturing facilities located in Shanghai, China, another in Neuhaus, and a joint venture facility located in Chengdu, China. Additional engineering, sales, warehouse and logistics offices are located in Taipei; Hong Kong; Manchester and Munich, Germany, with support offices located throughout the world. For further information, including SEC filings, visit the Company's website at <http://www.diodes.com>.

#

Company Contact:

Julie Holland
Worldwide Analog Products
Diodes Incorporated
P: 972-385-2810
E: pressinquiries@diodes.com

Investor Relations Contact:

Shelton Group
Leanne K. Sievers
EVP, Investor Relations
P: 949-224-3874
E: lsievers@sheltongroup.com