



FOR IMMEDIATE RELEASE

## **Diodes, Inc. Releases Micropower Omnipolar Hall Effect Sensor Switches for the Portable Consumer Electronics Market**

Dallas, Texas, December 5, 2007 – Diodes Incorporated (Nasdaq: DIOD), a leading global manufacturer and supplier of high-quality application specific standard products within the broad discrete and analog semiconductor markets, today announced the release of a new series of Omnipolar Hall Effect Sensor Switches. The AH188x series specifically targets the increasing demand for portable contactless switch applications, which includes clamshell cell phones, notebook PCs and PDAs.

These new devices address a broad section of the portable market's need for tighter sensitivity, multiple outputs and polarity independence. The AH188x series offers both dual and single polarity specific outputs, lower power, higher magnetic sensitivity and greater performance than that of comparable products from market-leading handset component suppliers.

The AH188x series uses a unique scheme of two hall plates to detect a magnet's polarity eliminating the need to orientate the magnet in manufacturing. The AH188x series offers both dual and single outputs addressing the broad requirement of today's sophisticated portable devices. The AH1883 offers a single output well suited for notebook cover switch applications. The AH1885 and AH1886 offer dual outputs with a wide selection of magnetic operating and release points in support of clamshell-style cell phones. The AH1887 offers dual polarity specific outputs, including active high or active low for use in slider-style cell phones with multiple screens and keypads. The AH188x devices operate from 1.65V to 3V making them ideal for single cell battery applications.

"The AH188x series builds on the success of our AH1884 that was released in June and demonstrates the Company's ability to work closely with OEMs to develop application-specific devices in support of their market growth opportunities," says Mark King, Diodes, Inc.'s Senior Vice President, Sales and Marketing. "This product family exemplifies our commitment to develop products for high-growth markets, which we fully expect to leverage in order to rapidly grow market share and forge long-term partnerships with top-tier OEMs."

Other features include chopper-stabilized, high-sensitivity thresholds, superior temperature stability and insensitivity to physical stresses. The AH188x series supports Industrial Temperature range of  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$  and is packaged in an SOT-553, which is fully compliant to RoHS Standards including Green Molding compound. In addition, design and manufacturing flexibility enables Diodes to support and deliver a wide range of small form factor package options within the shortest timeframes.

### ***About Diodes Incorporated***

Diodes Incorporated (Nasdaq: DIOD) an S&P SmallCap 600 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, power management devices including DC-DC switching and linear voltage regulators, amplifiers and comparators, and Hall-effect sensors. The Company has its corporate offices in Dallas, Texas, with a sales, marketing, engineering and logistics office in Southern California; design centers in Dallas, San Jose and Taipei; a wafer fabrication facility in Missouri; two manufacturing facilities in Shanghai; a fabless IC plant in Hsinchu Science Park, Taiwan;

engineering, sales, warehouse and logistics offices in Taipei and Hong Kong, and sales and support offices throughout the world. With its recent asset acquisition of APD Semiconductor, a privately held U.S.-based fabless semiconductor company, Diodes acquired proprietary SBR® technology. Diodes, Inc.'s product focus is on high-growth end-user equipment markets such as TV/Satellite set-top boxes, portable DVD players, datacom devices, ADSL modems, power supplies, medical devices, wireless notebooks, flat panel displays, digital cameras, mobile handsets, DC to DC conversion, wireless 802.11 LAN access points, brushless DC motor fans, and automotive applications. For further information, including SEC filings, visit the Company's website at <http://www.diodes.com>.

*Safe Harbor Statement Under the Private Securities Litigation Reform Act of 1995: Any statements set forth above that are not historical facts are forward-looking statements that involve risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. Potential risks and uncertainties include, but are not limited to, such factors as the introduction and market reception to new product announcements, fluctuations in product demand, the introduction of new products, the Company's ability to maintain customer and vendor relationships, technological advancements, impact of competitive products and pricing, growth in targeted markets, successful integration of acquired companies and/or assets, the Company's ability to successfully make additional acquisitions, risks of foreign and domestic operations, availability of tax credits, and other information detailed from time to time in the Company's filings with the United States Securities and Exchange Commission.*

Source: Diodes Incorporated

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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:  
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