



FOR IMMEDIATE RELEASE

## **Diodes, Inc. Introduces Industry's Smallest 1 Amp Rectifier Targeted at the Portable Electronics Market**

**Dallas, Texas, January 30, 2008** – **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 introduction of the industry's smallest 1 Amp SBR rectifier in a 1.4mm x 1.1mm DFN package.

The new **SBR1U40LP** is designed to enable further miniaturization and improve efficiency resulting in extended battery life to meet the higher power requirements of today's multi-functional portable electronics such as digital audio players, mobile phones and digital cameras.

"The release of the smallest 1 Amp rectifier to the market furthers Diodes' efforts to extend its leadership position with new innovative products, which meet the requirements of today's multi-functional portable electronics environment," commented Mark King, Diodes' Senior Vice President Sales and Marketing. "The SBR1U40LP has been well received by our customers as a result of its ability to assist them in driving a smaller form factor and lower power consumption, which are the key elements required to increase the portability of devices within their target markets."

The **SBR1U40LP** provides high power dissipation in the smallest footprint possible, which saves additional space and increases the board density of consumer end products requiring high power and portability.

The **SBR1U40LP** is the smallest 1A power package introduced to the power rectifier market. It features a tiny footprint of 1.54mm<sup>2</sup> total area with physical leadless dimensions of 1.1mm x 1.4mm, which is 50% smaller in total dimension area than standard competitive packages like the SOD-323. The **SBR1U40LP** also offers ultra-low forward voltage to reduce power dissipation with a reverse blocking voltage of 40V.

In addition, Diodes released two 0.4mm height 20V SBR rectifiers in a tiny miniature 1.0mm x 0.6mm DFN package. The new **SBR05U20LPS** and **SBR07U20LPS** achieve a continuous forward current rating of 0.5A and 0.7A respectively, with an ultra-low forward voltage drop ( $V_F$ ), and a high forward surge capability for high reliability. These two new products are well suited for low profile applications, such as mobile phones, where board size and efficiency are critical to the design.

### ***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 implementation 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 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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