



FOR IMMEDIATE RELEASE

## **Diodes, Inc. Releases New Dual 100V SBR<sup>®</sup> Rectifiers with Industry Leading Performance**

**Dallas, Texas, December 10, 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 expansion of its high-performance SBR<sup>®</sup> product line with the release of a 100V SBR<sup>®</sup> rectifier. This product has an ultra-low forward voltage drop ( $V_F$ ) which is among the lowest on the market today when compared to all other Schottky rectifiers in its package type. The SBR40U100CT is primarily targeted for use as output rectifiers in switch mode power supplies (SMPS) that offer cooler and more energy-efficient operations for end user applications, such as notebook adapters, LCD televisions, rack mount servers, industrial computers, telecom and medical power supplies.

In addition to the SBR40U100CT, this product release includes a cost-effective 200V SBR<sup>®</sup> rectifier in an isolated TO-220 package. The SBR10200CTFP is designed to meet the most optimized performance requirements of the high-volume end user markets of LCD televisions and printers. The SBR10200CTFP offers a 200V reverse voltage breakdown rating that is superior to many lower voltage 150V Schottky competitors in this market, and allows for greater reliability to handle large voltage spikes.

“With the release of products like SBR40U100CT and SBR10200CTFP, Diodes continues to use die technology combined with efficient packaging scalability to leverage both the performance benefits and now the cost benefits of SBR<sup>®</sup> technology,” remarked Mark King, Diodes’ VP Sales and Marketing. “With our SBR<sup>®</sup> die technology combined with our new TO-220 and ITO-220 packaging capabilities, Diodes continues to expand our SBR<sup>®</sup> technology into new targeted markets designed specifically for the demands of high-volume, end user applications.”

With this release, Diodes is offering five other SBRs in this product family. The new SBR40U60CT, SBR40U150CT, and SBR40U200CT devices all achieve a continuous forward current rating of 40A with a low forward voltage drop ( $V_F$ ) and a high maximum junction temperature of 150°C. Diodes is also offering two new 60A rated rectifiers in a standard TO-220AB package, SBR60A150CT and SBR60A200CT. All of these rectifiers are rated for high forward surge capability making them ideal for such applications as industrial computers, telecom and medical SMPS, where efficiency and reliability are critical to the design.

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SBR is a registered trademark of Diodes Incorporated.

### ***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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