



FOR IMMEDIATE RELEASE

Diodes Incorporated Releases High Efficiency SBR[®] Rectifiers Targeting the Solar Panel Market

Dallas, Texas, March 27, 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 introduces a new family of SBR[®] bypass diodes in the compact, low-profile patented PowerDI[®]5 package specifically addressing the demanding performance, reliability, and form-factor requirements of modern solar panel arrays.

The new SBR[®] diodes are the industry's first bypass diodes specifically designed in accordance with the high temperature requirements of the IEC 61730-2 solar panel safety standard. With a low-profile height of 1.1mm, SBR10U45SP5 and SBR1045SP5 can be integrated into the array panel, eliminating the need for an external bypass diode junction box, and offer ultra low forward voltage drop with a selectively rated 200°C maximum junction temperature for improved efficiency and higher reliability.

“Diodes continues to stay in front of market trends by developing innovative new products for high growth opportunities like the solar panel industry,” remarks Mark King, Senior Vice President, Sales and Marketing at Diodes Incorporated. “The new SBR[®] bypass diodes provide a unique product family for the solar panel industry offering a combination of high temperature operation and high efficiency that can only be achieved using our patented SBR[®] technology.”

Using Diodes' patented SBR[®] technology, the SBR10U45SP5 offers up to 20% lower forward voltage drop compared to equivalent Schottky rectifiers, while maintaining a low typical reverse leakage current below 30mA at 150°C. The improved thermal and electrical performance of these bypass diodes allows for greater power generation in each photovoltaic (PV) cell and higher reliability against common thermal failures in the solar panels like hot spots or cell breakdown.

With a small footprint of 23.8mm², the SBR[®] bypass diodes in the PowerDI[®]5 package offer an 87% reduction in PCB area compared to commonly used surface mount packages like D2Pak, making it ideal for integration into the solar panel array. As a continual commitment of manufacturing environmental friendly products, the SBR10U45SP5 and SBR1045SP5 are built using “green” Antimony and Bromine-free mold compound and is RoHS compliant.

In addition, Diodes is also releasing an SBR[®] bypass diode, part number SBR10U45SD1, in a traditional axial DO-201 package. Like the PowerDI[®]5 bypass diodes, the SBR[®] bypass diode has a continuous forward current rating of 10A, with an ultra-low forward voltage drop (V_F), and a selectively rated 200°C maximum junction temperature.

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. Such statements include statements regarding our expectation that: Diodes continues to stay in front of market trends and new products offer a combination of high temperature operation and high efficiency that can only be achieved using patented SBR® technology. Potential risks and uncertainties include, but are not limited to, such factors as the Company's business strategy, the introduction and market reception to new product announcements, fluctuations and seasonality in product demand and supply, weakening of the global economy, the continue 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: diodes-fin@diodes.com.

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