



For immediate release

Diodes Introduces High Voltage SBR[®] Rectifier

Reduces Footprint and Increases Power for Netbook Power Adapters

Dallas, Texas - April 9, 2009 – 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, introduced the first in a series of high voltage SBR[®] rectifiers packaged in the thermally efficient, compact PowerDI[®]5 package. The superior thermal resistance of the proprietary PowerDI[®]5 package enables the SBR10U200P5 to deliver twice the power density from a PCB footprint that is 40 percent smaller.

The SBR10U200P5 is the industry's smallest leaded 10A rectifier rated up to 200V. It delivers an industry leading low forward volt drop (V_F) of 0.7V at 10A rated current and a junction temperature of 125°C. Coupled with an off board package height of 1.1mm, half that of Dpak, the SBR10U200P5 enables designers to reduce the form factor and increases the power density of compact power supplies for end applications such as notebook power adapters, universal chargers and telecom power supplies.

The features of the SBR10U200P5 make it ideal for use as an output diode in power supply output stages, as a catch diode in Buck regulator circuits, as a freewheeling diode in motor drive circuits and also as a boost diode. With its patent-pending, flat lead frame and heat-sink solder pad, the device results in higher power dissipation and surge capabilities in a compact, low profile package. With a maximum rated junction temperature T_j of 175°C and an avalanche rating several times greater than that offered by a competing Schottky diode solution packaged in Dpak, the SBR10U200P5 enables snubber circuits to be removed from power supply outputs, allowing designers to reduce end-product cost and simplify their designs.

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>.

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