



FOR IMMEDIATE RELEASE

Diodes, Inc. Expands Linear Power Product Line with a 1.5A Very Low Dropout Linear Regulator for Processor and ASIC based Applications

Dallas, Texas, February 22, 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 released a new very low dropout linear regulator, the AP7173.

Designed to support very low operating voltages for applications that demand higher output current, the AP7173 is capable of driving a 1.5A continuous output current with only 220mV dropout, making it well suited for post regulation applications where efficiency and cost are at a premium. The low input voltage and low output voltage capability allows for easy-to-design and efficient linear regulation between the multiple supply voltages often present in processor intensive intelligent systems, such as network equipment, notebook computers, servers, and FPGA/DSP core platforms.

The AP7173 offers a user programmable Soft-Start circuit that reduces the turn-on in-rush current and controls output voltage slew rate at start-up. In addition, the AP7173 has an enable input for manual control of the regulator which, when utilized with the Power-Good (PG) output, allows for easy power sequencing of power systems with multiple supply rails. This flexibility permits the user to configure a solution that meets the power sequencing requirements of ASICs, FPGAs, DSPs and other applications with special start-up requirements.

“The AP7173 complements our existing Power Management line by offering a higher output current and a very low voltage dropout, expanding opportunities for us in the non-portable market,” said Mark King, Senior VP Sales and Marketing of Diodes, Inc. “This device continues to build on the success of Diodes’ existing LDO families by offering a broader performance range in support of one of the fastest growing segments of the consumer market-intelligent electronic systems.”

AP7173 features a low dropout voltage of 220mV at 1.5A and requires no minimum load and is stable with any load capacitance greater than 2.2 μ F. Utilization of the Bias supply voltage can achieve higher efficiency power conversion at a fraction of the cost compared to standard DC/DC Converters. Additional features include current limiting, short circuit protection, and overtemperature shutdown.

Offered with an adjustable output voltage, the AP7173 can be configured with a simple resistor divider to set the output voltage to any specific voltage in the range of 0.8V to 3.3V, making it suitable for a wide range of applications. The AP7173 is available in a compact surface-mount DFN3030-10 (3mm x 3mm x 0.06mm) package as well as SOP-8L with Exposed Pad for better thermal management. Both packages are fully RoHS compliant, including Green Molding compound and support an industrial temperature range of -40°C to +85°C.

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: new product complements the Company's existing product line; new product will expand opportunities for us in the non-portable market; and new product offers a broader performance range in support of a segment of the consumer market-intelligent electronic system. Potential risks and uncertainties include, but are not limited to, such factors as the implementation and market reception to new product announcements, new product's features and performance; fluctuations in product demand and supply, 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 incentives, 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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