Diodes, Inc. Introduces Low Threshold Voltage MOSFETs for Low Voltage Applications

- Offered in some of the industry’s smallest and thinnest discrete packages targeting ultra-miniature electronic devices including mobile phones and digital media players

Westlake Village, CA, March 28, 2007 – Diodes Incorporated (NasdaqGS: 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 launch of a new series of low threshold voltage MOSFETs, optimized for low voltage applications.

Designed for simple integration into a wide variety of low voltage circuits common to portable and handheld end products, the new MOSFET series can be driven directly from low voltage logic level outputs without requiring expensive and power-hungry charge pumps. Offered in some of the industry’s smallest and thinnest discrete packages, Diodes’ package options include single and dual array configurations. The single device, part number DMN2005LP4K, in the DFN1006H4-3 package requires a miniscule 0.6mm² of printed circuit board (PCB) area, and Diodes’ new dual array, part number DMN2005DLP4K, in the DFN1310H4-6 package requires only 1.3mm² of PCB area. Combined with an available low-profile package height of 0.4mm, the DFN package is ideal for the fast growing, space constrained, consumer electronic device end products such as mobile phones and portable media players.

“The introduction of the low threshold voltage MOSFET product family addresses a growing market need from low voltage end user applications in ever shrinking form factors,” remarked Mark King, Senior Vice President, Sales and Marketing of Diodes Incorporated. “Combining fast and flexible DFN package design capability and Diodes’ commitment to lead through innovation, we are uniquely equipped to meet our customers requirements despite their very short design windows. This strength has resulted in several important DFN design wins in the fast growing consumer electronics devices market.”

As the industry-wide trend for smaller and more efficient products expands, a broad shift to lower operating and logic level voltages has created widespread demand for low threshold voltage small signal MOSFETs. To address the growing need for sub-3.3 volt logic level operation, Diodes, Inc. has also introduced the DMN5L06xxK series of low threshold voltage MOSFETs available in a variety of industry standard surface mount packages. Ideal for a broad range of applications, this series is optimized for use in notebook and desktop computers, set-top boxes, broadband cable and xDSL modems, LCD monitors, and GPS navigation systems.

Diodes’ low threshold voltage MOSFET series encompasses ten part numbers in eight surface mount package types and include integrated gate-source ESD protection up to 2kV, ensuring ease of handling and soldering onto the PCB.
About Diodes Incorporated
Diodes Incorporated (NasdaqGS: 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 sales, marketing, engineering and logistics headquarters 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, which may include, but are not limited to, such factors as 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, risks of foreign operations, 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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