



Diodes Incorporated Expands General-Purpose Low-Voltage CMOS Logic Family for Wide Application Range

Plano, Texas – January 24, 2013 – Diodes Incorporated (Nasdaq: DIOD), a leading global manufacturer and supplier of high-quality application specific standard products within the broad discrete, logic and analog semiconductor markets, today announced the rapid expansion of its standard logic product line, with more package options added to its four families of high-speed and advanced high-speed CMOS parts. Provided in a choice of SO14 and TSSOP14 packages, the HC, HCT, AHC and AHCT logic families each offer 10 of the most popular logic functions in quad and hex configurations. The devices are widely used in computing, consumer electronics, domestic appliance, building control and industrial automation applications.

The quad device configurations include dual-input AND, NAND, OR and XOR gates and output enable low and high tri-state buffers. The hex arrangements comprise single input inverters, unbuffered inverters, inverters with open drains and inverters with Schmitt trigger inputs. These are direct replacements for mature industry-standard logic devices, and utilize modern process technology to create up-to-date logic functions offering an improved power to performance ratio and enhanced ESD classification.

The wide supply voltage range covered by the new logic families, from 2.0V through to 5.5V, means they will support legacy 5V applications and can be tailored for lower voltage and lower power applications as well. HCT and AHCT versions provide TTL compatibility and can replace 74LS bipolar logic types. In addition, all devices include optimized inputs with hysteresis to help avoid any noise problems due to slow-rising or slow-falling signals. Drawing less than 10 μ A at an ambient of +25°C, the products also meet the needs of energy-

sensitive design. For further information, visit the Company's website at www.diodes.com.

About Diodes Incorporated

Diodes Incorporated (Nasdaq: DIOD), a Standard and Poor's 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, logic and analog semiconductor markets. Diodes serves the consumer electronics, computing, communications, industrial, and automotive markets. Diodes' products include diodes, rectifiers, transistors, MOSFETs, protection devices, functional specific arrays, single gate logic, amplifiers and comparators, Hall-effect and temperature sensors; power management devices, including LED drivers, DC-DC switching and linear voltage regulators, and voltage references along with special function devices, such as USB power switches, load switches, voltage supervisors, and motor controllers. The Company's corporate headquarters, logistics center, and Americas' sales office are located in Plano, Texas. Design, marketing, and engineering centers are located in Plano; 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, and two joint venture facilities located in Chengdu, China, as well as manufacturing facilities located in Neuhaus and Taipei. Additional engineering, sales, warehouse, and logistics offices are located in Fort Worth, Texas; Taipei; Hong Kong; Manchester; Shanghai; Shenzhen, China; Seongnam-si, South Korea; Tokyo, Japan; and Munich, Germany, with support offices throughout the world. For further information, including SEC filings, visit the Company's website at <http://www.diodes.com>.

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