



## **Diodes Incorporated Adds Shift Registers and Decoders to Enhanced CMOS Logic Families**

**Plano, Texas – June 20, 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 addition of standard shift register and decoder logic ICs to its enhanced 74HC, 74HCT, 74AHC and 74AHCT CMOS logic families. Based on the company's updated 5V CMOS process, the popular 595, 594 and 138 logic functions offer improvements versus industry-standard alternatives in power-to-performance ratio and ESD protection, making them suitable for smart domestic appliances, data communication, and residential and industrial control applications.

The 8-bit shift register with 8-bit storage register (with and without tri-state outputs) and 3-to-8 line decoder are direct drop-in replacements for industry-standard logic devices, and are available in a choice of SO-16 and TSSOP-16 packages.

With a wide 2.0V to 5.5V operating voltage range, these logic parts are suitable for an array of uses, including 5V legacy systems and residential and industrial control systems. Additionally, the input hysteresis of the 24 new devices makes them less susceptible to problems of slow rising or falling data signals. For further information, visit the Company's website at [www.diodes.com](http://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, AC-DC converters and controllers, 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. Diodes' 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. Diodes' wafer fabrication facilities are located in Kansas City, Missouri and Manchester, with two more located in Shanghai, China. In addition, two assembly-test facilities are located in Shanghai; two are located in Chengdu, China, with one in Neuhaus and one in 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; Suwon, South Korea; Tokyo, Japan; and Munich, Germany, with support offices throughout the world. For further information, including SEC filings, visit Diodes' website at <http://www.diodes.com>.

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