



## **Diodes Incorporated Introduces Octal Logic Selection to Simplify Data Bus Engineering**

**Plano, Texas – August 26, 2014** – 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 expanded its low-voltage CMOS logic family with the addition of octal devices, provided in the space-saving QFN and TSSOP 20-pin packages. Thirteen popular 8-channel logic parts have been introduced, suitable for data bus applications in a wide range of consumer electronics and data communication products.

The octal logic functions added to the Diodes 74LVC family are: buffer/line drivers, transceivers, latches and flip-flops. Supporting a wide power supply range of 1.65V to 3.6V, the new logic devices are drop-in replacements for existing industry-standard parts and support both legacy and cutting-edge, mini cell-backed product designs.

With inputs tolerant of voltages up to 5.5V (max), the octal logic devices also operate comfortably in mixed voltage environments. All devices in the product line offer system designers the flexibility of power-down isolation via integral I<sub>OFF</sub> circuitry, which disables the output in power-down mode to protect against harmful current backflow. 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 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 additional facilities located in Shanghai, China. Diodes has an assembly and test facility located in Shanghai, in Chengdu, China, as well as in Neuhaus and 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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