



## **Super-Fast Switching Diodes from Diodes Incorporated Deliver Ultra-low Leakage**

**Plano, Texas – July 1, 2015** – 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 introduced the DLLFSD01x switching diodes. This new family of diodes is aimed at designers who require ultra-low leakage and super-fast switching speeds and target LCD displays, portable electronics and numerous computer and consumer products. These devices are particularly applicable to systems that require high power efficiency and low switching loss.

The DLLFSD01x series of switching diodes features a typical 5nA ultra-low leakage current that significantly reduces system power consumption and increases energy efficiency. The devices feature a super-fast switching speed of  $t_{rr} \leq 4\text{ns}$ , which also contributes to greater efficiency by reducing switching loss in the end-application. Additionally, an extremely low total capacitance, around 0.5pF, makes these switching diodes easy to drive.

With a choice of ultra-small leaded and leadless packages, the DLLFSD01x switching diodes enable small form-factor designs with superior performance compared to competitive products.

The DLLFSD01T-7 is available in the SOD523 package, the DLLFSD01LPH4-7B in the X2-DFN1006-2 package and the DLLFSD01LP3-7 in the X3-DFN0606-2 package. 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 assembly and test facilities located in Shanghai and in Chengdu, China, as well as in Neuhaus and in Taipei. Additional engineering, sales, warehouse, and logistics offices are located in Taipei; Hong Kong; Manchester; Shanghai; Shenzhen, China; Seongnam-si, South Korea; and Munich, Germany, with support offices throughout the world. For further information, including SEC filings, visit Diodes' website at [www.diodes.com](http://www.diodes.com).

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