



## **Miniature LDO from Diodes Incorporated Features Low Noise, Small Footprint and Accuracy Advantages**

**Plano, Texas – October 30, 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 introduced the AP7340 low-dropout regulator. With a high PSRR of 75dB at 1kHz and a low-noise performance of 60 $\mu$ Vrms over the 10Hz to 100kHz range, the AP7340 ensures a high-quality supply for analog circuits in noise-sensitive audio, video and RF applications. With its 1.0mm x 1.0mm DFN1010-4 package, the AP7340 suits the highest density portable product designs.

This miniature, low-noise LDO produces a 150mA output current for a wide input voltage range, starting from as low as 1.7V and extending up to a maximum of 5.25V. It comprises a voltage reference, error amplifier, current limit and an enable input for output on/off control. Its integrated resistor network produces fixed output voltages in 0.1V steps between 1.2V and 3.3V.

The AP7340's output voltage accuracy is higher than other industry solutions, with an accuracy of  $\pm 1.5\%$  over the entire operating temperature range of  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ . This low-power LDO offers a typical quiescent current of just 35 $\mu$ A, helping to reduce product power consumption. 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>.

###

**Company Contact:**

Diodes Incorporated  
Julie Holland  
VP, Worldwide Analog Products  
P: 972-987-3900  
E: [pressinquiries@diodes.com](mailto:pressinquiries@diodes.com)

**Investor Relations Contact:**

Shelton Group  
Leanne K. Sievers  
EVP, Investor Relations  
P: 949-224-3874  
E: [lsievers@sheltongroup.com](mailto:lsievers@sheltongroup.com)