



Tiny Footprint, Dual 130mA Low-Dropout Regulator from Diodes Incorporated Targets Fingerprint Recognition Modules

Plano, Texas – September 2, 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 AP7346. This dual low-dropout (LDO) regulator has been designed to provide the power and I/O supplies for fingerprint recognition modules used in smart phones, tablet computers and similar consumer electronic products. The device's low quiescent current and high efficiency under light loads minimizes power consumption in these types of portable battery-operated equipment, while a tiny 1.2mm x 1.2mm footprint package with a height of just 0.4mm saves space.

A wide 1.7V to 5.25V input voltage range allows the regulator to operate over a full Lithium-ion battery charge/discharge cycle and provides an output voltage between 1.2V and 3.6V in fixed 0.1V steps, accurate to 1.5% over the temperature range -40°C to +85°C. The AP7346 also features a high accuracy current limit of 157mA \pm 25mA and a low quiescent current of 35 μ A, which helps extend standby and use times. In addition, an enable input allows the output to be turned off if required.

The regulator's high power supply ripple rejection ratio of 75dB and low noise performance of 60 μ V_{RMS} makes it particularly attractive in more noise-sensitive audio, video and RF communications applications. Further information is available 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, 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.

###

Company Contact:

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

Investor Relations Contact:

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