



Compact, Dual Low-Dropout Regulator from Diodes Incorporated Offers High Accuracy and Low Quiescent Current

Plano, Texas – May 07, 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 AP7344. This dual 300mA low-dropout (LDO) regulator offers high 1% output accuracy and a low quiescent current of 50µA. The AP7344 features a small package to suit battery-powered consumer products such as cameras, smart phones and tablets.

The AP7344 supports input voltages from 1.7V to 5.25V enabling it to cover the full range of Li+ batteries typically found in portable electronics systems. It provides a regulated output voltage, V_{OUT} , that can be fixed between 1.2V and 3.6V, with an accuracy of 1% at +25°C, and is capable of driving 300mA loads. Other key performance features of this regulator include: low $R_{DS(ON)}$, a high PSRR of 75dB at 1kHz, low output noise of 60µVrms, and a low 50µA quiescent current that contributes to power savings, which lengthens battery life.

The AP7344 comes in a small footprint X2-DFN1612-8 package, making it well-suited for the dense PCB layouts typical in portable electronics systems. It offers a competitive alternative to similar industry-standard LDOs with comparable performance but at a lower cost and with the added benefit of higher efficiency under light load operating conditions. 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 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.

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