



For Immediate Release

Diodes Incorporated Introduces LED Driver Family *Devices Reduce Component Overhead*

Dallas, Texas – March 24, 2009 --- Diodes Incorporated (Nasdaq: DIOD), a leading global manufacturer and supplier of high-quality application specific standard products within the broad discrete and analog semiconductor markets, introduced a family of LED driver ICs capable of significantly reducing the number and size of external components required by driver circuits. The AP880X step-down DC-DC converters require the support of only four components and operate at switching frequencies up to 600kHz, which enables the use of smaller, lower cost inductors and capacitors.

Designed to drive series-connected LEDs with a constant current, the AP880X family supports up to 13 LEDs from voltage sources between 8V and 48V. The drivers are suitable for a broad range of high-brightness, general illumination applications, including signage, architectural, emergency lighting and MR16 lamp replacement, ensuring uniform LED brightness as well as eliminate the need for ballast resistors.

For an operating voltage range from 8V to 28V, the AP8800 furnishes a string of seven LEDs with a current up to 350mA, providing a cost effective match for 1W LED systems. For higher output power, the AP8801 produces a drive current of 500mA from an operating voltage of 8V to 48V to support up to 13 series-connected LEDs.

The third product in the driver family, the AP8802, meets the requirements of high power 3W LED systems. For an operating voltage range from 8V to 48V, the AP8802 driver provides up to 13 LEDs with a constant LED current of up to 1A. All three devices deliver efficiencies up to 92 percent.

To reduce the stress on LEDs, the AP880X drivers feature an integrated soft-start function, which helps to extend LED lifetime. The drivers also offer the choice of PWM and DC input dimming control in order to increase design flexibility. All devices are packaged in the industry standard SOP-8L package. The AP8800 and AP8801 are also available in MSOP-8L and the AP8802 in exposed pad DFN and SOP-8L packages.

About Diodes Incorporated

Diodes Incorporated (Nasdaq: DIOD), an S&P 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 and analog semiconductor markets, serving the consumer electronics, computing, communications, industrial and automotive markets. Diodes' products include diodes, rectifiers, transistors, MOSFETs, protection devices, functional specific arrays, amplifiers and comparators, Hall-effect sensors and temperature sensors, power management devices including LED drivers, DC-DC switching, regulators, linear voltage regulators and voltage reference along with special function devices including USB power switch, load switch, voltage supervisor and motor controllers. The Company has its corporate offices in Dallas, Texas, with a sales, marketing, engineering and logistics office in Southern California; design centers in Dallas, San Jose, Taipei, England and Germany; wafer fabrication facilities in Kansas City, Missouri and Manchester, England; two manufacturing facilities in Shanghai, China, one in Neuhaus, Germany and a joint venture facility in Chengdu, China; engineering, sales, warehouse and logistics offices in Taipei, Hong Kong and Manchester, England, and sales and support offices throughout the world. For further information, including SEC filings, visit the Company's website at <http://www.diodes.com>.

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