



Motor Driver from Diodes Incorporated Makes Smarter Cooling Systems

Plano, Texas – June 12, 2014 – 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 AM4964 motor driver. The AM4964 is a single-phase, full-wave, brushless DC motor driver that operates from a 12V supply and delivers a peak motor current of up to 1A. By enabling the speed of fans, blowers and extractors to be simultaneously controlled by both PWM and thermistor input signals, the AM4964 helps create more responsive cooling systems for PCs, servers and industrial instrumentation.

The motor speed varies between low and high temperature set-points in response to the ambient temperature and the PWM input signal. The low and high temperature set-points, as well as the maximum PWM output, are easily adjusted using just three external resistors. The device also offers a tachometer output, a bias output for a differential unbuffered Hall sensor and dedicated inputs for 3- or 4-pin Hall sensors for rotor position detection.

Featured in the TSSOP-20EP package, the AM4964 is a highly integrated device and includes: a built-in oscillator, removing the need for an external capacitor; a minimum speed-setting circuit; and adjustable alpha slope technology to support different speed curve requirements. To protect the motor coil, the driver incorporates thermal shutdown, rotor lock detection and auto-restart functions. For further information, visit the Company's website 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 an assembly and test facility located in Shanghai, in Chengdu, China, as well as in Neuhaus and 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>.

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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