



For Immediate Release

Diodes Incorporated Introduces Smart Motor Controller That Provides All-in-One Solution

Dallas, Texas – November 24, 2008 --- 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, has introduced a single chip solution providing all the functionality required for driving low power single coil brushless DC fans and motors. The AH5792 integrates a Hall sensor and amplifier, a complete digital control circuitry and a full bridge output driver in the low profile SOT553 package and will appeal in particular to low voltage micro-motors and ultra thin cooling fan applications.

With its bi-directional, H-bridge output stage, the AH5792 suits single-phase full wave brushless DC motor control, by offering a pair of push-pull output drivers to source and sink current. The device operating voltage range of 1.8V to 5V also caters for low operating voltage miniature DC fans requiring low voltage start-up.

To protect motor windings from damage, the new motor controller includes integrated locked rotor detection and automatic self restart functions, which serve to shutdown the output driver in the event of a locked rotor and then restart the motor when the rotor is freed. In addition, a frequency generator output provides users with tachometer-like feedback for external speed monitoring. The all-in-one smart motor controller eliminates the need for external components, including a timing capacitor.

The AH5792 has an operating temperature range of -40C to 100°C and is fully RoHS complaint with Green molding compound.

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 references 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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