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Micro Modular Technologies Introduces GPS Receiver Module with Increased Sensitivity

The MN5515HS is a fully integrated, low power GPS Receiver module in a 15 x 15 mm package

IRVINE, CALIFORNIA – July 7, 2009 – [Micro Modular Technologies](#) (MMT), a leader in small, power-efficient [GPS](#) modules today unveiled the [MN5515HS](#) GPS receiver module, a low power, fully integrated GPS receiver module with increased signal sensitivity. The new module is based on the SiRFstarIII GPS receiver chipset and offers increased cold-start [acquisition sensitivity](#). "The increased acquisition sensitivity ensures operation in environments with extremely low level GPS signals," said Larry Cleland, VP of Sales and Marketing for MMT. "Acquisition sensitivity is a much more important measure of real-world performance of a GPS receiver than [tracking sensitivity](#)."

The new module measures just 15 by 15 by 2.9 mm, and includes a Real-time Clock (RTC) circuit and crystal, internal RESET circuit, TCXO, and all RF and baseband processing. The MN5515HS requires only a single 3.3 volt power supply, and consumes less than 80mW in typical operation. This highly integrated module only needs DC power and a GPS signal and it will output the navigation solution in either NMEA-0183 or SiRF Binary protocol. The module operates over industrial temperature range of -40 to +85 degrees C, and is available in tube or tape and reel. It is lead-free, RoHS compliant.

The MN5515HS module is available now through MMT's worldwide sales network. Also available now is an evaluation kit, the MN5515HS-EVK, which allows for easy connection of the GPS receiver module to a PC via USB interface and includes test software for real-world performance evaluation.

For additional information, please contact Kirk Brinkworth at phone: 949-336-7850, fax: 949-336-7851, or email: kirk.brinkworth@micro-modular.com.

About Micro Modular Technologies

Micro Modular Technologies, with headquarters in Singapore and design centers in Irvine, CA and Singapore, designs and manufactures high-performance modules for the wireless markets. Please see our internet site for more information: <http://www.micro-modular.com>

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