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Press Release

Atmel's and u-blox' GPS Solution ANTARIS Has Been Selected by Wavecom for their WISMO Quik Q2501 Hardware Platform.

For immediate release

Thalwil, Switzerland, and Heilbronn, Germany, 23. February 2004 - Atmel® Corporation (Nasdaq: ATML) and u-blox announced today that Wavecom SA (Nasdaq: WVCM; Euronext :AVM) has chosen the GPS solution ANTARIS from Atmel and u-blox for its WISMO™ Quik Q2501 hardware platform for wireless automotive applications, to provide accurate global positioning information. The WISMO Quik Q2501 is the world's first hardware platform that combines a dualband GSM/GPRS class 10 with a GPS 16 channels receiver in a single fully integrated module (58 x 32 x 6 mm). It meets the needs of the automotive industry for a wide range of applications, such as navigation, vehicle tracking, fleet management and security solutions.

Wavecom chose the 16-channel GPS solution ANTARIS from Atmel and u-blox, which is industry's best performing GPS product. ANTARIS includes Atmel's innovative GPS chip set consisting of RF receiver IC ATR0600, the LNA ATR0610 and the baseband IC ATR0620. With its 16-channel architecture and 8192 time/frequency search taps, the chip set enables ultra-fast time-to-first-fix figures, higher sensitivity and faster position tracking. The power consumption is 100 mW at 1 position fix per second, allowing extended operating time. The GPS software offers various navigational platforms, to enable system makers to optimize the navigation performance and receiver sensitivity for specific applications.

"Atmel is very excited that the leading-edge wireless technology provider Wavecom has chosen our GPS solution. This project further deepens the excellent cooperation between Atmel and Wavecom", added Hartmut Fischer, General Manager of Atmel's Business Center Communications. "The unique combination of technology know how and software IP will help to create the most competitive GPS solutions currently available."



ANTARIS GPS receiver chip set

"Wavecom has chosen the best technology partner to set the foundation for highly competitive GPS-enabled products. With our high-precision GPS technology, Wavecom can provide wireless automotive applications over the entire globe" says Thomas Seiler, CEO of u-blox.

Wavecom already has a long history of working with leading automotive equipment manufacturers. Wavecom's technology solutions are also used to provide wireless connectivity for a wide range of applications for professional use in the transportation sector, including alarms, fleet management, logistics management and tracking systems. u-blox has an excellent track record in advanced GPS products for mobile, automotive and marine applications. The GPS solution ANTARIS is the result of a joint development of Atmel, a worldwide leading supplier of innovative Integrated Circuits, and u-blox.

In 2003 Wavecom and Atmel introduced a jointly developed GPRS/GSM baseband processor, the first result from a long-term technology partnership between Atmel and Wavecom. It is the first of a planned range of silicon hardware components that include Wavecom intellectual property aimed at improving the cost and performance of Wavecom's WISMO hardware platforms for wireless applications.

Footnote

GPRS = General Packet Radio System

GPS = Global Positioning Systems

GSM = Global System for Mobile communication

IP=Intellectual Property

LNA = Low Noise Amplifier

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About u-blox

u-blox is a company operating internationally with headquarters in Switzerland with subsidiaries in Germany, UK, USA and Hong Kong. Since its foundation in 1997, u-blox develops and markets leading Global Positioning System (GPS) chip sets and GPS receiver products. For further information and contacts, please refer to the u-blox homepage <http://www.u-blox.com/>.

About Atmel

Founded in 1984, Atmel Corporation is headquartered in San Jose, California with manufacturing facilities in North America and Europe. Atmel designs, manufactures and markets worldwide, advanced logic, mixed-signal, nonvolatile memory and RF semiconductors. Atmel is also a leading provider of system-level integration semiconductor solutions using CMOS, BiCMOS, SiGe, and high-voltage BCDMOS process technologies. Further information may be retrieved at: <http://www.atmel.com/>.

About Wavecom

Wavecom is a worldwide provider of integrated technology solutions for wireless voice and data applications. Wavecom's solutions include all the software and hardware elements that are necessary to develop truly innovative wireless devices, as well as the development tools and services needed to bring them to market quickly and easily. Founded in 1993 and headquartered near Paris in Issy-les-Moulineaux, Wavecom has subsidiaries in Hong Kong (PRC), Seoul (South Korea), San Diego (USA), Darmstadt (Germany) and Guildford (UK). Wavecom is publicly traded on Euronext Paris (Nouveau Marché: AVM) in France and on the NASDAQ (WVCM) exchange in the U.S. Further information may be retrieved at: <http://www.wavecom.com/>.

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Information

Atmel's GPS ICs ATR0600, ATR0620 and ATR0610 information may be retrieved at: <http://www.atmel.com/atmel/products/prod569.htm>, u-blox' GPS receiver product information may be retrieved at: <http://www.u-blox.com/products/index.html> .

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