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GPS Receiver A1080-A Vincotech sets new benchmark on power consumption

Munich, Germany – February 19, 2009 - Vincotech, a leading supplier of GPS receiver and telematics hardware solutions, released the new hardware revision 04 of the successful A1080-A GPS receiver especially designed for superb GPS performance at minimized power consumption. The receiver is based on the market leading SiRFstar III chipset.

As low power consumption becomes more and more critical to all kind of applications in automotive, industrial and consumer products this GPS-Receiver helps a lot to keep the power budget and extend battery life. In fact, powered from 3.3V the A1080-A GPS receiver draws only 23mA @ 1fix per second (average), and 32 mA (max) during satellite acquisition. Compared to other stand-alone GPS receivers this is unequalled, as it outperforms some of them by amazing 50%.

Embedded into applications the power consumption of the A1080-A GPS-Receiver can be reduced even further by using two low power modes. The **Adaptive Trickle Power Mode** drives down the processing power extensively by maintaining periodic and accurate position output. With the **Push To Fix Mode** the module is basically sent to sleep and keeps the ephemeris updated automatically, to ensure very fast signal acquisition on request. Both modes are well described in Vincotech's manuals and application notes that are freely available on the internet. And simply using **Battery Back-Up** will keep the RTC (Real Time Clock) running and the SRAM content alive to get a very short Time To Fix after re-powering the receiver. These functions have been considered and can be tested easily – along with the superb performance of the module - with the new evaluation boards for the A1080-A, the EVA1080-A.

The module's stand-alone design enables an easier handling for the customer, as there is only a single power supply, an antenna, and a standard serial interface necessary to operate the A1080-A GPS receiver. No other external components are required.

Vincotech's products are produced in its TS16949 certified factory in Europe; series quantities, samples, and evaluation kits are available now. Find local contacts on our webpage www.vincotech.com/gps.

ABOUT VINCOTECH

Vincotech develops and manufactures subsystems and electronic components and offers manufacturing services geared to help customers to master complex challenges in electronics integration. Vincotech's extensive portfolio encompasses standard and tailored solutions, engineering services, and technical support for customers worldwide. These products and services contribute to sustainable, environmentally sound solutions that help modern society embrace mega-trends and explore new avenues.

With approximately 600 employees worldwide, backed by vast experience and a long history in electronics integration, Vincotech leverages these assets to help customers achieve maximum market success.

To learn more about Vincotech, please visit www.vincotech.com.

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