

U-blox Galileo-ready GPS Chip



U-blox will be promoting its u-blox 5 chip at 3GSM. It also is capable of receiving Galileo signals. The technology boasts an acquisition and tracking sensitivity of -160 dBm that enables indoor coverage, a 50-channel engine and a power consumption of less than 50 mW.

Its energy efficiency and tracking sensitivity make it ideal for battery-operated portable devices that operate in difficult environments like shopping malls, train stations and urban canyons. U-blox also will demonstrate AssistNow services that enhance receiver performance, enabling instant positioning anywhere, at anytime. AssistNow services make the long waiting times usually associated with standard GPS acquisition performance a thing of the past, even in difficult signal conditions. The recently introduced AssistNow

Offline provides assistance data valid for up to 14 days, which is stored in the GPS receiver. This enables the receiver to compute a position instantly without having to connect to a mobile network at start-up to download the data, as is the case with typical A-GPS services.

<https://www.hydro-international.com/content/article/u-blox-galileo-ready-gps-chip>
