EVK-M8230

Evaluation kit for super low power UBX-M8230-CT chip

Highlights

- Easy to use
- Extensive visualization and evaluation features
- Supports AssistNow Online, AssistNow Offline and AssistNow Autonomous A-GNSS services
- All ports accessible outside
- USB (V2.0 compatible) available for power supply and data transfer

Experience u-blox EVK-M8230 performance in 4 simple steps:

Step 1: Download EVK-M8230 software (and documentation) and install the software

Step 2: Connect the evaluation kit to a PC with the USB cable ("Interface Switch" at RS232 / USB side, jumpers in correct position for current measurements)

Step 3: Connect an antenna or supply a GNSS signal

Step 4: Start u-center

You can find the EVK-M8230 Quick Start Guide at start.u-blox.com.

Kit includes

- EVK-M8230 unit
- USB cable

Features

- Micro USB for easy connection to a PC
- 20-pin connector for access to interface pins and current measurement
- 9-pin D-SUB female connector to provide a standard RS232 interface
- Switch to select between RS232 / USB and SPI communications interface
- Onboard LED to indicate power supply
- Jumpers for power measurements
- Reset (RESET_N) pin to allow restart

u-center GPS/GNSS evaluation software

The EVK-M8230 software package includes u-center, which is an interactive tool for configuration, testing, visualization and data analysis of positioning chips and modules. u-center provides useful assistance during all phases of a system integration project.

Product description

The EVK-M8230 evaluation kit makes evaluating the super low power UBX-M8230-CT concurrent GNSS chip simple. The built-in USB interface provides both power supply and high speed data transfer, and eliminates the need for an external power supply. The u-blox M8230 evaluation kit is compact, and its user-friendly interfaces and power supply make it ideally suited for use in laboratories, vehicles and outdoor locations. Furthermore, it can be used with a PDA or notebook PC, and serves as a reference design, making it the perfect companion through all stages of design-in projects.

System requirements

- PC with USB 2.0 or RS232 interface
- Operating system: Windows 7 onwards (x86 and x64 versions)
- Windows system will automatically search and install USB driver

Ordering information

EVK-M8230-0   u-blox M8 low power GNSS evaluation kit, supports the UBX-M8230-CT chip

Contact us

For contact information, see www.u-blox.com/contact-us.