

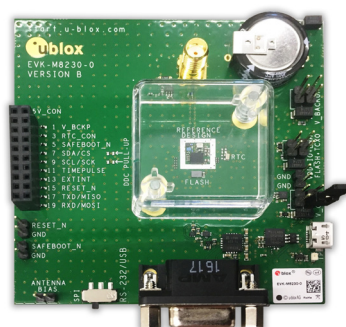
Product summary

EVK-M8230

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

Highlights

- Easy to use
- Extensive visualization and evaluation features
- Supports u-blox 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



80 x 90 x 18 mm

u-blox GNSS performance in 4 simple steps

- Step 1 Download and install u-center evaluation software from www.u-blox.com/product/u-center.
- Step 2 Connect the evaluation kit to a PC with the USB cable ("interface switch" at RS232 / USB side, jumpers in the correct position for current measurements).
- Step 3 Connect an antenna or supply a GNSS signal.
- Step 4 Start u-center.

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 mobile devices, and serves as a reference design, making it the perfect companion through all stages of design-in projects.

Features

- Micro-USB for easy connection to a PC
- 20-pin connector to access interface pins and current measurement
- 9-pin D-SUB female connector as standard RS232 interface
- A switch to select the RS232/USB or SPI communication interface
- LED to indicate power supply
- Reset (RESET_N) pin to allow restart
- Jumpers for power measurement

Kit includes

- EVK unit
- USB cable

u-center 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.

System requirements

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

Documentation

Visit www.u-blox.com/product/evk-m8230 to find related documentation.

Ordering information

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

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

For more product details and ordering information, see the product data sheet.