

EVK-7, EVK-M8

u-blox GNSS evaluation kits

Highlights

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

Experience u-blox GNSS performance in 4 simple steps:

- Step 1:** Download EVK-7 or EVK-M8 software (and documentation) and install the software
- Step 2:** Connect the Evaluation Kit to a PC with the USB cable
- Step 3:** Connect the antenna
- Step 4:** Start u-center

Kit includes

- Compact 105 x 64 x 26 mm EVK unit
- USB cable
- Antenna with 3 m cable
EVK-7 kits: Active GPS / GLONASS antenna
EVK-M8 kits: Active GPS / GLONASS / BeiDou antenna
- Extra battery RENATA CR2450 (in some kits)
- Quick Start reference card

Features

- USB for easy connection to a PC
- 14-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 I²C (and RS232) and SPI communications interface
- LED to indicate GNSS operation
- Reset (RST) button to allow restart
- SMA connector for connection to antenna or simulator

u-center GNSS evaluation software

EVK-7 / EVK-M8 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
- Operating system: Windows Vista onwards (x86 and x64 versions)
- USB drivers are provided with the EVK-7 / EVK-M8 software package

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Product description

EVK-7 and EVK-M8 evaluation kits make evaluating the high performance of u-blox 7 and u-blox M8 positioning technology simple. The built-in USB interface provides both power supply and high-speed data transfer, and eliminates the need for an external power supply. u-blox 7 and u-blox M8 evaluation kits are compact, and their user-friendly interface and power supply make them ideally suited for use in laboratories, vehicles and outdoor locations. Furthermore, they can be used with a PDA or a notebook PC, making them the perfect companion through all stages of design-in projects.

Ordering information

| | |
|-------------|---|
| EVK-7N-0 | u-blox 7 Evaluation Kit with TCXO, Supports u-blox 7 chips, MAX-7Q, MAX-7W, NEO-7N |
| EVK-7C-0 | u-blox 7 Evaluation Kit with Crystal, Supports u-blox 7 chips, MAX-7C, NEO-7M |
| EVK-7P-0 | u-blox 7 Evaluation Kit for Precise Point Positioning Supports NEO-7P |
| EVK-7EVA-0 | u-blox 7 Evaluation Kit with EVA-7M (Crystal) |
| EVK-M8N-0 | u-blox M8 Evaluation Kit with TCXO, Supports u-blox M8 concurrent GNSS chips, LEA-M8S, MAX-M8Q, MAX-M8W, NEO-M8N, NEO-M8Q |
| EVK-M8C-0 | u-blox M8 Evaluation Kit with Crystal, Supports u-blox M8 concurrent GNSS chips, MAX-M8C, NEO-M8M |
| EVK-M8F-0 | u-blox M8 Evaluation Kit with VCTCXO, Supports u-blox M8030-KT-FT chip and LEA-M8F |
| EVK-M8EVA-0 | u-blox M8 Evaluation Kit with EVA-M8M-0 (Crystal) |
| EVK-M8T-0 | u-blox M8 Timing GNSS Evaluation Kit, Supports NEO-M8T, LEA-M8T |
| EVK-M8L-0 | u-blox M8 Evaluation Kit 3D ADR with on-board sensors, Supports NEO-M8L |

Contact us

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