

EVK-6

u-blox 6 Evaluation Kits

Product description

The EVK-6H Evaluation Kit with KickStart, EVK-6P Evaluation Kit with SuperSense®, and EVK-6T Precision Timing Evaluation Kit, make evaluating the high performance of u-blox6 positioning engines 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-blox6 Evaluation Kits are compact, and their userfriendly interface and power supply make them ideally suited for use in laboratories, Vehicles and outdoor locations. Further more, they can be used with a PDA or a notebook PC, making them the perfect companion through all stages of design-in projects.

Highlights

- Easy to use
- Extensive visualization and evaluation features
- Supports AssistNow Online and AssistNow Offline A-GPS services
- 1 USB port, 1 UART port
- Power supply and data transfer over USB (USB V2.0 compatible)

Experience u-blox6 performance in 3 simple steps

- Step 1:** Connect the GPS antenna
- Step 2:** Use the USB cable to connect the Evaluation Kit to a PC
- Step 3:** Install the u-center evaluation software

Kit includes

- Compact 74 x 54 x 24 mm EVK-6 unit
- USB cable
- u-blox ANN-MS active GPS antenna with 5 m cable
- CD-ROM containing:
 - u-center and u-center mobile software
 - USB driver software
 - Extensive documentation

Ordering information

EVK-6H-0 u-blox6 Evaluation Kit with KickStart

EVK-6P-0 u-blox6 Evaluation Kit with SuperSense®

EVK-6T-0 u-blox6 Evaluation Kit with Precision Timing

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System requirements

- PC with USB interface
- Operating system: Windows, Linux
- USB drivers are provided with the Evaluation Kit CD

SUB connector pin description

The 9 pin D-SUB female connector is assigned as follows:

Pin	Assignment
1	DCD, DataCarrier Detect, GPS timepulse output
2	TXD, GPS Transmit Data, serial data to DTE
3	RXD, GPS Receive Data, serial data from DTE
4	DTR, Data Terminal Ready, GPS ExtInt input
5	GND
6	DSR, Data Set Ready, GPS timepulse output
7-9	not connected

u-center GPS evaluation software

EVK-6 Evaluation Kits include u-center, an interactive tool for configuration, testing, visualization and data analysis of GPS receivers. It provides useful assistance during all phases of a system integration project.

Contact us

HQ Switzerland
+41 44 722 7444
info@u-blox.com

EMEA
+41 44 722 7444
info@u-blox.com

Americas
+1 703 483 3180
info_us@u-blox.com

APAC – Singapore
+65 6734 3811
info_ap@u-blox.com

China
+86 10 68 133 545
info_cn@u-blox.com

Japan
+81 3 5775 3850
info_jp@u-blox.com

Korea
+82 02 542 0861
info_kr@u-blox.com

Taiwan
+886 2 2657 1090
info_tw@u-blox.com