EVK-U20, EVK-U23

W-CDMA evaluation kits

Highlights

- u-blox W-CDMA wireless technology
- Easy to use
- Simple access to all pins and features of the wireless module
- Extensive visualization and evaluation features
- Supports AssistNow Online and AssistNow Offline A-GPS services
- 3 USB connectors: 1 GPS, 2 wireless (1 native USB, 1 USB/UART)
- Convert technology easily with optional adapter boards

Experience u-blox technology in 5 simple steps:

Step 1: Connect UMTS/GSM and GPS antennas and headset
Step 2: Insert SIM card into SIM holder
Step 3: Connect the Evaluation Kit to a PC via USB cable
Step 4: Connect to power supply
Step 5: Install the evaluation software and USB drivers

Kit includes

- Evaluation board with LISA-U200 or LISA-U230 W-CDMA and u-blox GNSS modules
- USB cable
- Wireless (UMTS/GSM) antenna
- GPS antenna
- Power adapter
- Audio headset
- CD-ROM containing
  o Evaluation software
  o USB-driver software
  o Documentation

Evaluation software

Evaluation kits include m-center and u-center: u-blox' interactive evaluation tools for configuration, testing, visualization and data analysis of wireless and GPS receivers. These powerful and easy to use tools provide useful assistance during all phases of a system integration project.

Ordering information

EVK-U20-01S   u-blox W-CDMA evaluation kit with embedded GNSS receiver, supports LISA-U200

EVK-U23-01S   u-blox W-CDMA evaluation kit with embedded GNSS receiver, supports LISA-U230

Product description

u-blox EVK-U20 and EVK-U23 evaluation kit provide simple, flexible and ready-to-use environments for evaluating u-blox' LISA-U series W-CDMA wireless modules, as well as for designing and testing wireless and GNSS applications. The kits are very user-friendly, and have both USB and RS232 interfaces for development, testing and tracing.
The kits come with a built-in u-blox GNSS receiver module, giving designers the flexibility to either test GSM/GPRS functionality alone or to integrate it together with u-blox GNSS technology. For evaluating Assisted-GPS (A-GPS) a u-blox AssistNow A-GPS client is embedded in the firmware stack, providing users with the option of integrating and testing our license-free A-GPS solutions.

Optional ADP adapter boards

u-blox wireless adapter boards are designed to be used with any u-blox EVK-G20 or EVK-U20/EVK-U23 wireless evaluation kit. Adapter boards are interchangeable, and allow customers to evaluate other u blox wireless technologies (GSM or W-CDMA) with only one full evaluation kit and the appropriate adapter board(s).

System requirements

- PC with USB interface
- Operating system: Windows 7 / Vista / XP
- USB drivers are provided with the Evaluation Kit CD
- Activated SIM card (not included)

Contact us

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

EMEA
+41 44 722 7477
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 2 542 0861
info_kr@u-blox.com

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