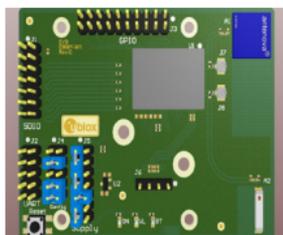
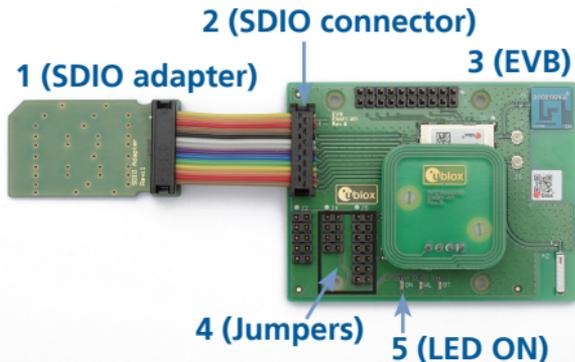


Quick Start EVK-EMMY-W1



1. Overview



4a (3.3V)



4b (1.8V)

2. Setup

Download the latest EVK-EMMY-W1 documentation from www.u-blox.com/evk-downloads.

1. Build and install the Linux drivers as per the EVK-EMMY-W1 User Guide.
2. Connect the SDIO adapter board (1) via the ribbon cable to connector J1 (2) on the evaluation board (EVB) (3).
3. Check the jumper settings (4). The default is to use SDIO power supply for 3.3V and I/O (4a). For 1.8V signal level, use jumper settings (4b).
4. Connect the EVB to an SDIO capable host by inserting the SDIO adapter into an SD card slot. LED ON (5) is green.
5. Once the driver is loaded, the Linux kernel will detect the EMMY-W1 module.

3. Interfaces

The EVK-EMMY-W1 provides an SDIO connector for Wi-Fi, Bluetooth and NFC communication and to power the device.

A dual band 2.4/5 GHz chip antenna for Wi-Fi and Bluetooth (for EVK-EMMY-W161), a 2.4 GHz antenna for Bluetooth (for EVK-EMMY-W163), and an NFC antenna are mounted on the board.

U.FL coaxial connectors are available on the board for connecting optional external antennas; switchable by 0 Ω resistors.

The EVK-EMMY-W1 includes a digital audio PCM interface for voice applications.

Refer to the EVK-EMMY-W1 User Guide for a comprehensive description of the evaluation kit features and functionalities.

4. Software

Linux drivers and tools for certification testing of automotive and professional grade applications are available through u-blox support. Distribution of the software requires signing the u-blox Limited Use License Agreement (LULA).

Refer to the EVK-EMMY-W1 User Guide for description of how to build and install the Linux drivers and basic usage examples.

5. More information

For more information regarding the EVK-EMMY-W1, contact your nearest u-blox support:

www.u-blox.com/contact-support