Getting Started with the Arduino MKR WAN 1300

The Arduino MKR WAN 1300 is a learning and development board which contains the ATMEL SAMD21 micro controller, designed to integrate the core's low power-consumption and high performance with the Arduino's ease-of-use. The MKR WAN 1300 brings the Arduino Zero functionalities in the smaller form factor established by the Arduino MKR1000 adding the LoRa connectivity to the Arduino platform.

The Arduino MKR WAN 1300 is programmed using the Arduino Software (IDE), our Integrated Development Environment common to all our boards and running both online and offline. For more information on how to get started with the Arduino Software visit the Getting Started page.

Please remove the black conductive foam from the MKR board pins before usage. If you don't remove it, the board may behave erratcally.

MKRWAN library

This library allows you to use the Murata LoRa transceiver (CMWX1ZZABZ) on the Arduino MKR WAN 1300 board. For additional information on the Arduino MKR WAN 1300 board, see the Getting Started page and the product page.

LoRaWAN™ is a Low Power Wide Area Network (LPWAN) specification intended for wireless battery operated Things in a regional, national or global network. LoRaWAN targets key requirements of Internet of Things such as secure bi-directional communication, mobility and localization services. The LoRaWAN specification provides seamless interoperability among smart Things without the need of complex local installations and gives back the freedom to the user, developer, businesses enabling the roll out of Internet of Things.

For more information about the LoRaWAN network structure please visti this wiki