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Getting Started with the Arduino MKR GSM 1400

The Arduino MKR GSM 1400 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 GSM 1400 brings the Arduino Zero functionalities in the smaller form factor established by the Arduino MKR1000 adding the GSM (2G and 3G) connectivity to the Arduino platform.

The Arduino MKR GSM 1400 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.

Reference   Language | Libraries | Comparison | Changes

MKRGSM library

The MKR GSM library can be installed using the Arduino library manager.

With the Arduino MKR GSM 1400 and this library you can do most of the operations you can do with a GSM phone: place and receive voice calls, send and receive SMS, and connect to the internet over a GPRS network. The on board module, operates in 3G with a 2G fallback.

Arduino MKR GSM 1400 has a modem that transfers data from a serial port to the GSM network. The modem executes operations via a series of AT commands. The library abstracts low level communications between the modem and SIM card. It relies on the Serial library for communication between the modem and Arduino.

GSM class

This class prepares the functions that will communicate with the modem.

- GSM
- begin()
- shutdown()
- getTime()
- lowPowerMode()