



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](#).



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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\(\)](#)
- [noLowPowerMode\(\)](#)