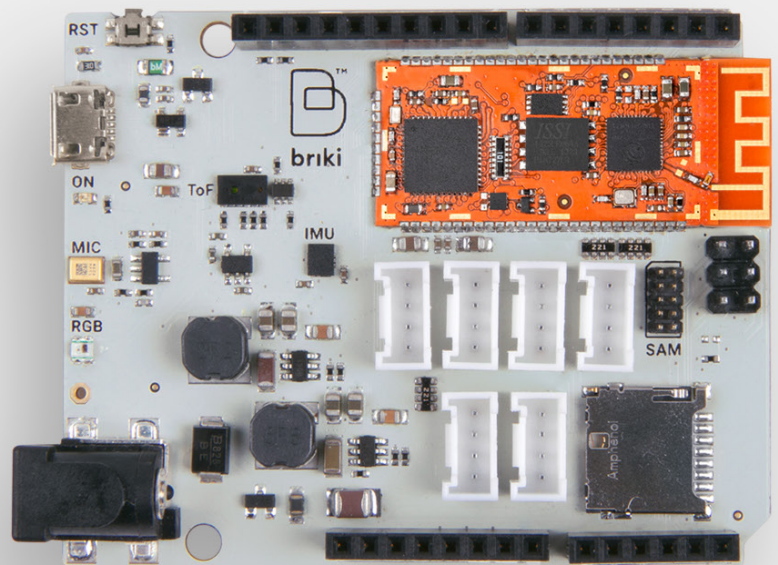


Briki ABC

Advanced Board Carrier



OVERVIEW

The Briki™ Advanced Board Carrier (ABC) provides a full Arduino® Shield Standard form-factor, to help developers to use a well known environment while experimenting with the Briki MBC™.

Arduino UNO compatible form factor and pinout

Arduino Shield compatible

MicroSD connector

6x Grove connectors for sensors and actuator interface

Debug interfaces exposed for both the MCUs

Rich set of embedded sensors on-board

On-board Neopixel RGB LED

FEAUTES

Technical information

Dual power supply – 3.3V and 5V up to 1.5A each

Product size: 69 x 54 mm

Exposed GPIOs on the external pinout are 3.3V tolerant

Exposed pins on Grove connectors are 5V tolerant.

Neopixel RGB LED WS2812C-2020

ST Microelectronic IMU LSM6DSLTR

ST Microelectronic Gesture sensor VL6180XV0NR

ST Microelectronic MIC MP23ABS1

Micro-SD card slot

MBC-WB mounted

This board is based on the MBC-WB module and it's available by request. Contact us to request this product!

DEVELOPMENT TOOLS

Firmware and software tools

Meteca offers a customised software platform for this board.