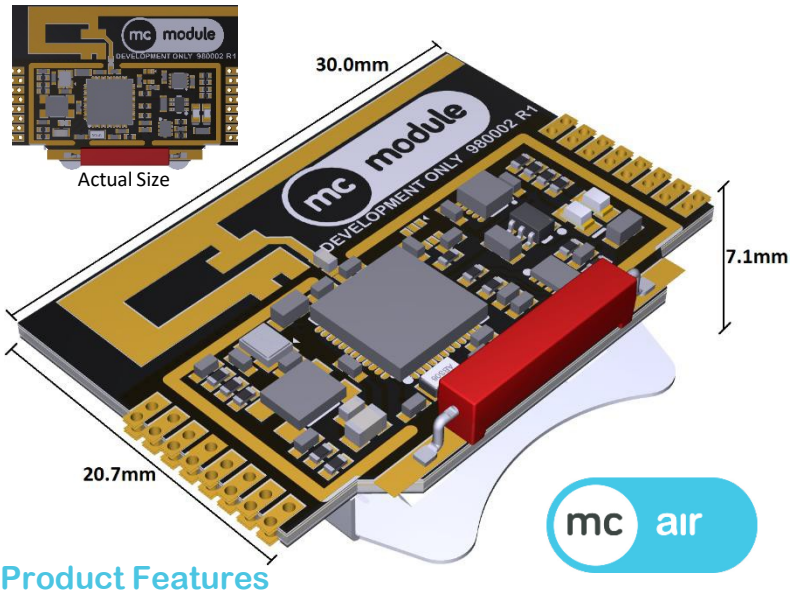
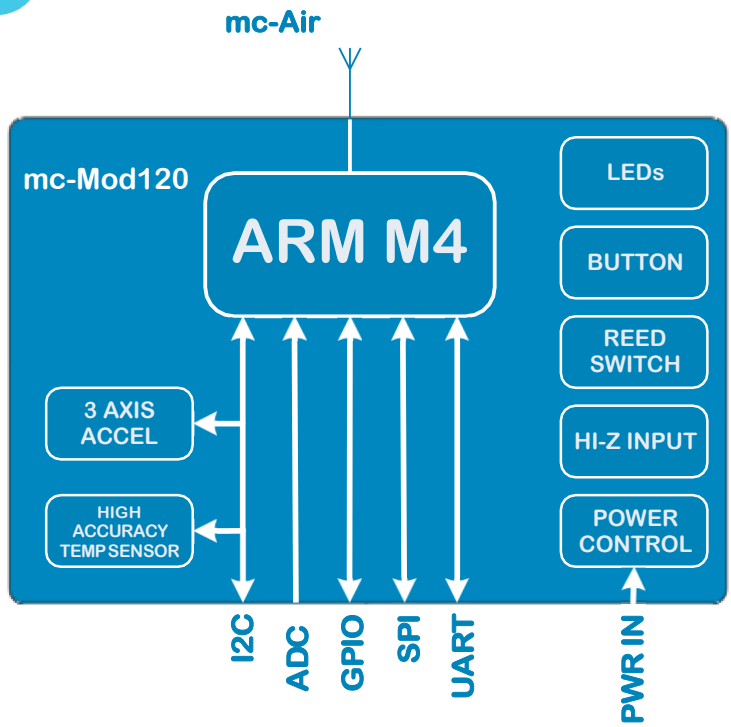


The mc-Mod120 is an integrated IoT module containing an ARM4 processor, accelerometer, temperature sensor, 2.4Ghz antenna, reed switch, button, LEDs, and various I/Os. It can operate as a standalone device or surface mounted module.
Communication using the new mc-Air™ Low Power LAN protocol allows distances up to 200m* to the mc-Gateway™.

Integration with mc-Studio™ ensures the fastest and most reliable IoT application development and deployment. Multiple sensors, interfaces, and I/Os provide measurement and control capabilities to solve any IoT problem.

Product Features

- mc-Air™ LPLAN™ (Low Power Local Area Network)
- mc-Studio™ integration
- Integrated high performance 2.4GHz antenna
- Small module footprint
- Ultra low power ARM M4 processor
- Low power accelerometer
- High accuracy temperature sensor
- 9 GPIOs
- 6 Analog inputs (2 HI-Z)
- I2C, SPI, and UART interfaces
- Reed Switch
- Button and 2 LEDs
- Years of operation using a standard CR2032 coin cell***



Specs

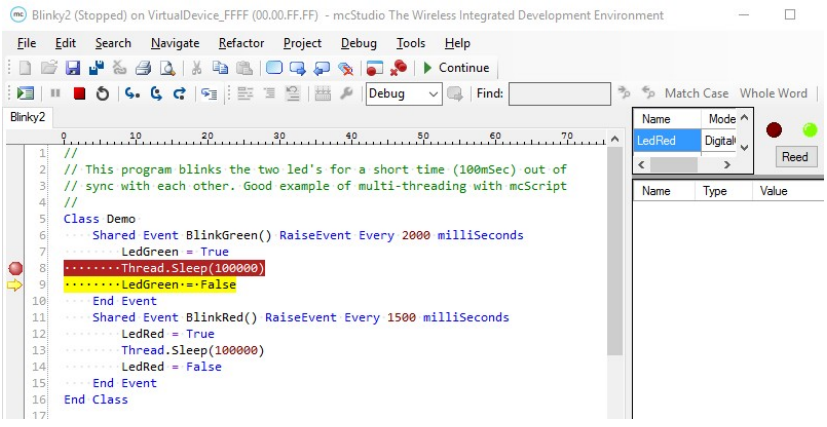
- Input voltage: 2.1V to 3.6V
- Sleep Current: ~2µA**
- Operational Temperature: -40 C to +85 C
- Dimensions: 30.0 x 20.7 x 7.1mm

mc-Air

- Low Power Local Area Network custom designed for IoT applications.
- Up to 200m* wireless range to the mc-Gateway™
- Connect 1000s of modules to each mc-Gateway™

mc-Studio

- Create simple IoT applications in minutes using the Object Oriented, event driven mc-Script™ language within mc-Studio™.
- Wirelessly program and debug your application, set breakpoints, step through code, and examine variables/pin values.



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* Under optimal line-of-sight conditions
** Final testing will determine actual power consumption
*** Batteries not included

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