

Metro M4 Development Board

Designed to evaluate a Microchip ATSAMD51 32-bit Arm® Cortex® - M4F MCU.

Product Overview

08-26-2021

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

Adafruit Metro M4 Development Board is designed to evaluate Microchip ATSAMD51. This ATSAMD51 is a 32-bit Arm® Cortex® - M4F MCU that offers extensive connectivity interfaces, powerful performance, and robust hardware-based security for a variety of applications. The Metro M4 board is the most powerful and fastest board with its Cortex M4. This Cortex M4 core runs at 120MHz with floating point support. The board comes with an inbuilt USB support that is incorporated by any computer to listen or send data to the Metro. This Metro M4 development board is Arduino compatible where easy reprogramming comes pre-loaded with the UF2 bootloader.



Features

- Cortex M4 core running at 120MHz
- Hardware DSP and floating point support
- 3.3V operating supply voltage
- 72mm x 54mm x 15mm dimensions
- 20.6g weight

Additional Resources

[Learn More About Microchip Technology SAM D5/E5 32-bit Arm Cortex-M4F MCUs](#)

Mouser Part Number(s)

[485-3382](#)

To learn more, visit <https://www.mouser.com/new/adafruit/adafruit-metro-m4-dev-board/>