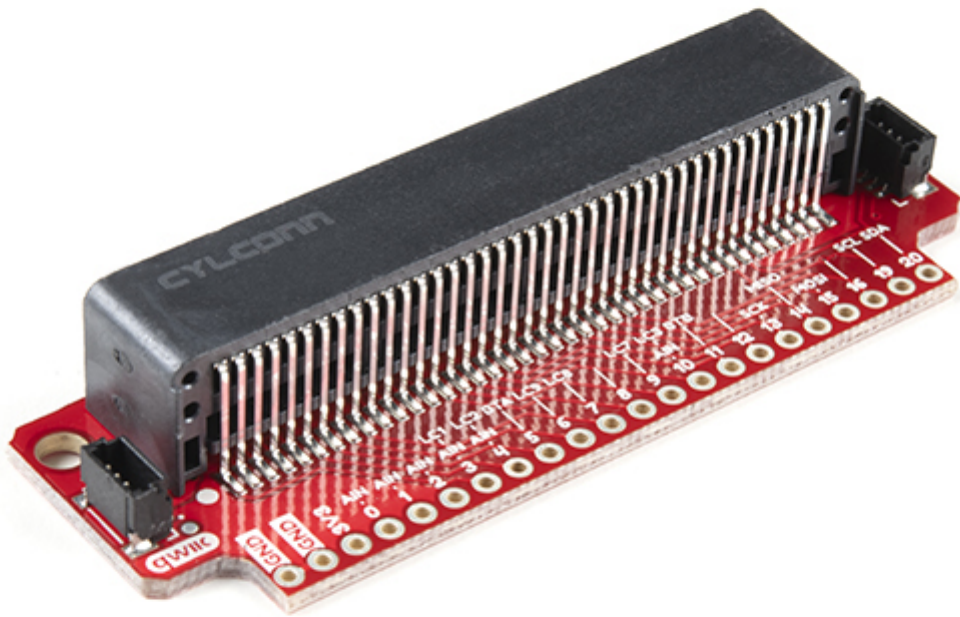


# SparkFun Qwiic micro:bit Breakout

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The SparkFun Qwiic micro:bit Breakout is a board that connects to the BBC micro:bit and expands the capabilities of the development platform by providing access to more pins and allowing for connections to the I<sup>2</sup>C and SPI buses. This breakout board for the micro:bit's edge connector allows intermediate and advanced users to connect the micro:bit to breadboards and other Qwiic sensors, motors, LEDs and more.

The micro:bit on its own has three digital/analog input/output rings available for you to use initially with alligator clips. With the micro:bit Breakout we have broken out all 21 GPIO, power and ground-to-pin outs in a 0.1" formation and with two individual Qwiic Connectors. With this breakout you will be able to unlock the full potential of your micro:bit!

**Note:** No micro:bit or headers are included with this breakout; they will need to be purchased separately. If you would like a micro:bit breakout with headers already soldered on, be sure to check out [this board's sibling](#).

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*The [SparkFun Qwiic Connect System](#) is an ecosystem of I<sup>2</sup>C sensors, actuators, shields and cables that make prototyping faster and less prone to error. All Qwiic-enabled boards use a common 1mm pitch, 4-pin JST connector. This reduces the amount of required PCB space, and polarized connections mean you can't hook it up wrong.*

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