

DEV-14484 gator:bit & DEV-15162 gator:bit v2.0

DEV-14484

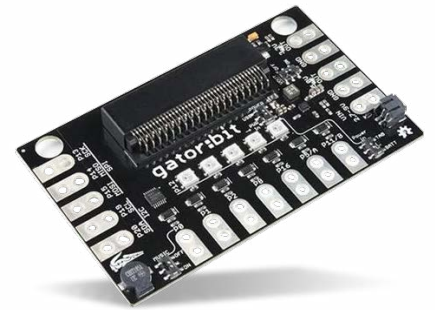
Product Overview

12-22-2021

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

Description

SparkFun gator:bit is an all-in-one carrier board for the micro:bit that provides a fully functional development and prototyping platform. Almost every pin on the micro:bit is broken out to pads that alligator clips. Each SparkFun gator:bit can be powered from 2.7V to 9V. The gator:bit can be powered either from the JST battery terminal or the alligator clip pads labeled VIN. Any input voltage between 2.7V and 9V will be regulated to 3.3V to power the micro:bit, the speaker, and for use by any of the alligator clip pins



The SparkFun gator:bit v2.0 is an all-in-one carrier board for the micro:bit that provides a fully functional development and prototyping platform. The gator:bit v2.0 can be powered from the barrel jack, through the alligator clip pads labeled VIN, or through the micro:bit.

Features

- The micro:bit card edge connector
- 2.7V to 9V input voltage range
- 5 built-in addressable LEDs
- Built-in buzzer
- 5V output
- 3.3V output
- 7 protected input/output pins
- 3 pins for SPI communication
- 2 pins for I²C

Features

- [gator:bit Schematic](#)
- [gator:bit v2.0 Schematic](#)

Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-dev-14484-dev-15162-gator-bit/>