

Controller:bit Carrier Board

DEV-16129

Product Overview

11-29-2021

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

Description

SparkFun Controller:bit Carrier Board is a carrier board for the micro:bit that, when combined with the micro:bit, provides the user with a fully functional controller system. This carrier board is designed in a similar form factor to the classic Nintendo controller. The controller:bit is equipped with a four-directions D-pad on the left side of the board and two action buttons on the right side of the board.



The controller:bit connects to the micro:bit via an edge connector in the center of the board. This creates a handy way to swap out micro:bits for programming, while still providing reliable connections to all of the different pins on the micro:bit. The back of the board includes poke home connectors that correspond to each button on the controller:bit, allowing to use external parts to control a game or robot.

Features

- Poke home connectors for external inputs (i.e. arcade joystick and buttons)
- Edge connector for ease of use with the micro:bit
- Full direction D-pad
- Two action buttons
- NES controller style
- Qwiic connector

Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-controller-bit-carrier-board/>