Tinker Kit

KIT-18577

Description

SparkFun Tinker Kit (STK) is designed to help get started with embedded electronics, programming, and hardware interaction with the Arduino programming language. This kit adds in the Qwiic functionality.

The Tinker kit includes everything required to complete eleven circuits that teach how to blink an LED, read sensors, and drive servos. This kit also includes access to an online experiment guide containing step-by-step instructions on connecting each circuit with the included parts. The Tinker kit does not require soldering and is ideal for beginners ages ten and up.
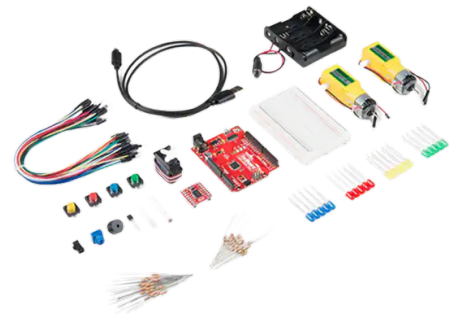
Features

- SparkFun Redboard Qwiic
- SparkFun motor driver (with headers)
- Self-adhesive breadboard (white)
- Sub-micro size servo
- Hobby Gearmotor-200RPM (pair)
- TMP36 temperature sensor
- Mini photocell
- 0.8m reversible USB A to reversible Micro-B cable
- 30x 7" M/M 30AWG jumper wires
- LED-RGB diffused common cathode
- Red, blue, yellow, and green buttons
- Mini power switch
- 10K trimpot
- Battery holder - 4xAA to barrel Jack connector
- 20x 330K resistors
- 20x 10K resistors

Mouser Part Number

View Part

To learn more, visit https://www.mouser.com/new/sparkfun/sparkfun-kit18577-tinker-kit/