

MindPlus Coding Kit for Arduino

KIT0152-EN

Product Overview

02/01/2023

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

Description

DFRobot MindPlus Coding Kit for Arduino is a set of tools for programming learning. This kit is compatible with Arduino IDE and Mind+, a graphical coding software for starters. The MindPlus coding kit features DFRduino UNO R3 controller, 6V to 12V power adapter or 6 AA batteries, and twenty-five interesting projects.



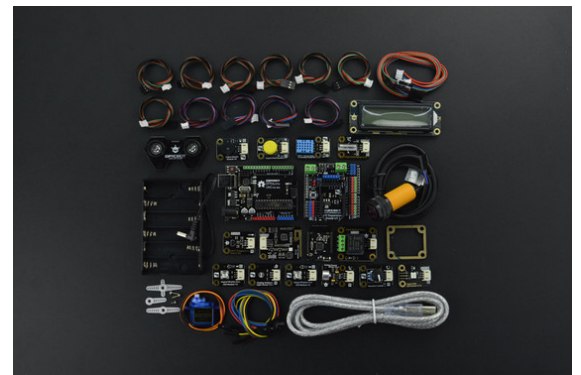
The MindPlus coding kit comes with a sensor expansion board V7 and eighteen sensors and actuators. The sensors are equipped with Gravity interfaces, which are easy to use.

Features

- MindPlus and Arduino programming platform
- 6 AA batteries or 6V to 12V power supply
- 18 modules with functions involving Bluetooth, Wi-Fi, and display
- 25 interesting projects to explore IoT and smart home
- 0.63kg weight

Kit Contents

- 1x Digital adjustable infrared proximity sensor
- 1x DFRduino UNO R3
- 1x IO expansion shield for Arduino V7.1
- 1x Analog ambient light sensor
- 1x Analog rotation sensor
- 1x Analog sound sensor
- 1x 9g micro servo (1.6kg)
- 1x Digital piranha LED module (red)
- 1x Digital piranha LED module (blue)
- 1x Digital buzzer module
- 1x Digital push button
- 1x USB Cable A-B for Arduino
- 1x Bluno Bee – turn Arduino to a Bluetooth 4.0 (BLE) ready board
- 1x I²C LCD1602 Arduino LCD display module (gray)



Kit Contents

- 1x LM35 linear temperature
- 1x URM10 ultrasonic sensor
- 1x WiFi IoT module
- 1x DHT11 temperature and humidity sensor for Arduino
- 1x Digital 5A relay module
- 1x Digital shake sensor
- 6x AA battery holder with DC2.1 power jack
- 1x Digital RGC LED module
- 1x 4pin I²C/UART sensor cable
- 1x 30cm analog sensor cable for Arduino
- 1x 30cm digital sensor cable for Arduino
- 1x Jumper wires 9" F/F

Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-mindplus-coding-kit-arduino/>