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DFRobot Beginner Kit for Arduino (Best Starter Kit)

SKU:DFR0100



INTRODUCTION

Welcome to the interactive electronic world!

DFRobot proudly presents the Beginner/Starter Kit for those who are interested in learning about [Arduino](#) and electronics. Starting from basic LED control to more advanced environmental sensing, monitoring, and actuators, this kit will guide you through how to sense and control the physical world through [sensors](#) and microcontrollers compatible with Arduino via carefully designed project. Besides providing you with premium quality jumper wires, double resistors, plenty of LEDs, 9g servos, and IR remote transmitters and receivers, the 4 additional useful components have also been added: relay, motor, fan, and potentiometer.

HIGH-QUALITY ELECTRONIC COMPONENTS ENTRY-LEVEL EDUCATION

A [DFRduino UNO R3](#) (Compatible with [Arduino Uno R3](#)) is compatible with Arduino IDE. Both the DFRduino and DFRobot's best selling prototype shield based on Arduino included in this kit.

Beginner Kit for Arduino has strict guidelines on how it makes packaging design, hardware selection, and circuit production technology, meaning that DFRobot can always provide you with quality assurance.

- [DFRduino UNO R3](#) x1



- [Prototyping Shield](#) x1
- Jumper Cables M/M x30
- Jumper Cables F/M x10
- Resistor 220R x20
- Resistor 4.7K x20
- Resistor 10K x20
- Resistor 1K x20
- 5mm LED x10
- IR Receiver Diode x1
- Mini Push Button x4
- Ambient Light Sensor x1
- Tilt Switch Sensor x1
- 8-Segment LED x1
- LM35 Temperature Sensor x1
- Relay x1
- Buzzer x1
- Fan x1
- 130 Motor x1
- 10K Potentiometer x3
- Micro Servo x1
- Mini Controller (with battery CR2025 inside) x1
- 6 x AA Battery Holder x1
- 400 Tie Point Interlocking Solderless Breadboard x1