

What it is: ARDUINO STARTER KIT

Includes:

- 1 x Arduino Prototyping Bundle (Arduino Uno board (328), breadboard & acrylic holder)
- 1 x 75 Piece Jumper Wire Bundle
- 1 x Printed 29 page Experimenter's Guide
- 12 x Breadboard Layout Sheets
- 1 x USB Cable
- 1 x 9v Battery - Arduino Adapter
- 10 x 5mm Red LEDs
- 10 x 5mm Green LEDs
- 1 x 10mm Red LED
- 1 x Toy Motor
- 1 x Mini Servo Motor
- 1 x 8-Bit Shift Register (74HC595)
- 1 x Piezo Element
- 2 x Pushbuttons
- 1 x Potentiometer (10k)
- 1 x Photo Resistor
- 1 x Temperature Sensor (TMP36)
- 1 x Relay (5v DPDT)
- 2 x Transistors (2N222A)
- 25 x 560 OHM Resistors
- 3 x 2.2k OHM Resistors
- 3 x 10 OHM Resistors
- 2 x Diodes (1N4001)

Further information:

Has 11 circuits to explore micro-controller basics covering LEDs, transistors, motors, integrated circuits, pushbuttons, variable resistors, photo resistors, temperature sensors & relays. Comes with an Arduino Uno prototyping bundle to make constructing circuits easy. Each circuit includes a layout sheet and has a fully open source, allowing you to download and print additional circuit sheets, or download the component files and make your own circuits.

Where to find it:

Booked and collected from the Art and Design Technical Hub.