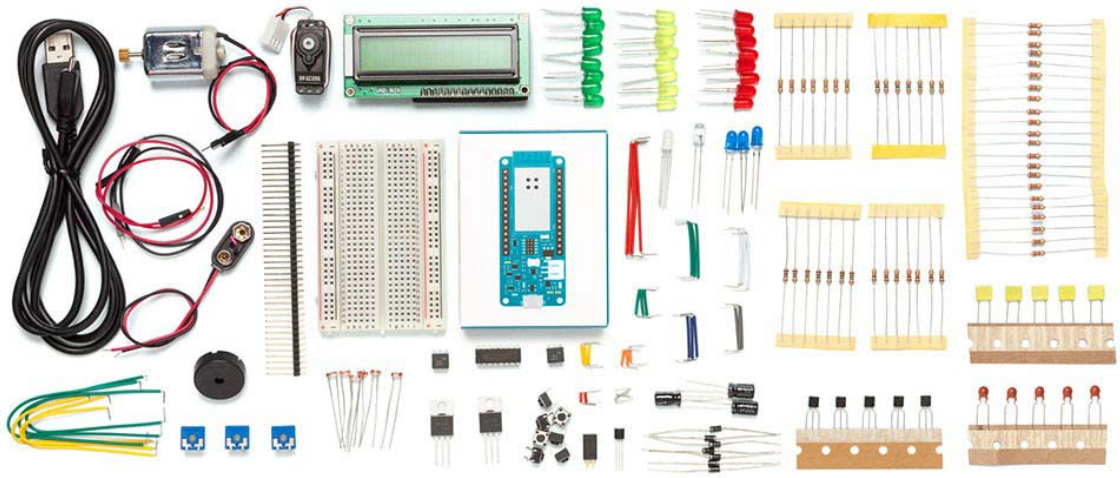
ARDUINO IOT MKR1000 WIFI BUNDLE

Code: GKX00006



OVERVIEW

- Whether you're looking to build your first Internet of Things project or simply make an existing device smarter, the MKR1000 Bundle provides everything you need to get started.

  The kit is based around the MKR1000—a powerful board that combines the functionality of the Zero and the Wi-Fi Shield—and enables Makers to add connectivity to their designs with minimal prior networking experience.

Each bundle includes:

- 1 Arduino MKR1000 board, with header soldered.
- 1 micro USB cable,
- 1 400-point breadboard,
- 70 solid-core jumper wires,
- 1 9V battery snap,
- 1 stranded jumper wire
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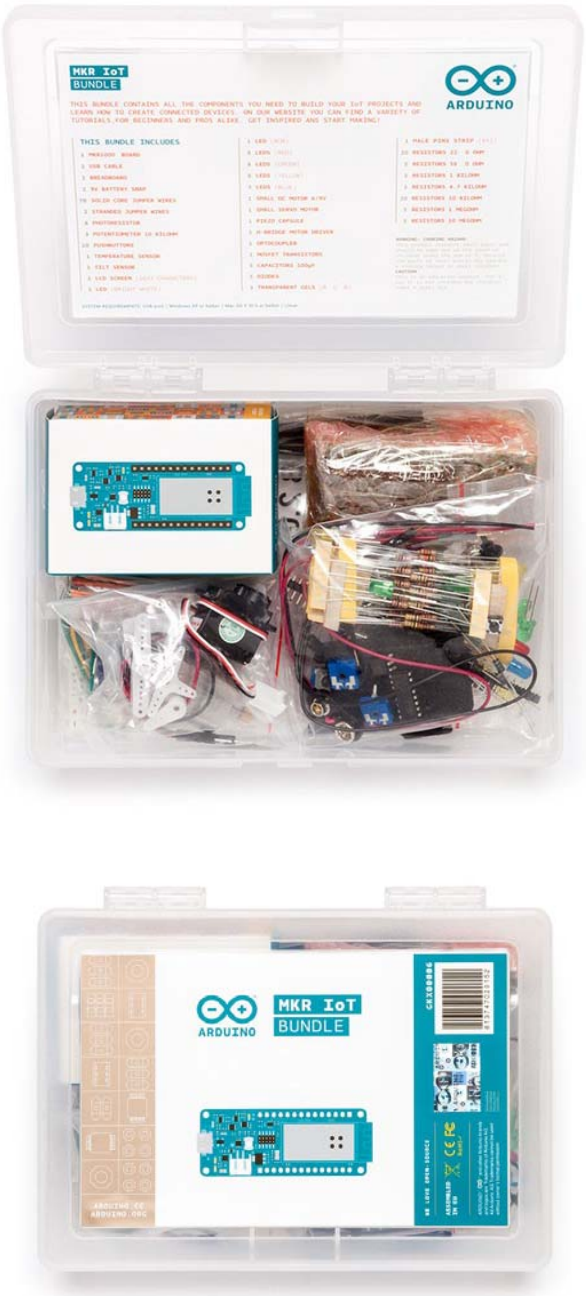
- 6 phototransistors,
- 3 potentiometers (10 kilohm),
- 10 pushbuttons,
- 1 temperature sensor (TMP36),
- 1 tilt sensor,
- 1 alphanumeric LCD (16 x 2 characters),
- 1 bright white,
- 34 LEDs (1 bright white, 1 RGB, 8 red, 8 green, 8 yellow, 3 blue),
- 1 small DC motor (6/9V),
- 1 small servo motor,
- 1 piezo capsule (PKM17EPP-4001-B0),
- 1 H-bridge motor driver (L293D),
- 1 octocouplers (4NE5),
- 2 MOSFET transistors (IRF520),
- 5 capacitors (100uF),
- 5 diodes (1N4007),
- 3 transparent gels (R,G,B)
- 1 male pin strip (40 x 1),
- 20 resistors (220 ohm),
- 5 resistors (560 ohm),
- 5 resistors (1 kilohm),
- 5 resistors (4.7 kilohm),
- 20 resistors (10 kilohm),
- 5 resistors (1 megohm),
- 5 resistors (10 megohm)

Please note, don't connect 9V to the board, as it will be damaged.
You can usehe 9v Battery strip to supply an external component.



https://store.arduino.cc/usa/arduino-iot-mkr1000-bundle 10-13-17