



Bibliotech

Arduino Resource Guide



Inventory:

- 1 Projects Book
- 10 Pushbuttons
- 2 Optocouplers
- 1 Arduino Uno board
- 1 temperature sensor
- 5 Transistors
- 1 USB Cable
- 1 tilt sensor
- 2 Mosfet Transistors
- 1 Breadboard
- 1 LCD display
- 13 Capacitors
- 1 Arduino Base
- 29 LED's
- 5 Diodes
- 1 9v battery snap
- 1 DC Motor 6/9v
- 3 Transparent Gels
- 70 Solid core jumper wires
- 1 Servo Motor
- 1 Male Pinstrip

Pro Tip:

Find a full list of [contents](#) and photo [gallery](#) online

Creating:

- [How-to guide](#)
- [Introduction](#)
- [Troubleshooting](#)
- [Everything you need to know about Arduino](#)
- [Getting to know Arduino](#)
- [How Diodes work](#)

FAQ

What's the difference between Raspberry Pi and Arduino?

- Arduino has more advanced GPIO pins, so it works better with projects with more outputs (motors, sensors). Raspberry Pi works better with more complex programming and images (cameras, graphic interfaces). Therefore, deciding which one to use depends what type of project you're working on, or what skill you want to learn.
- [Click here](#) to learn more about the differences between them.

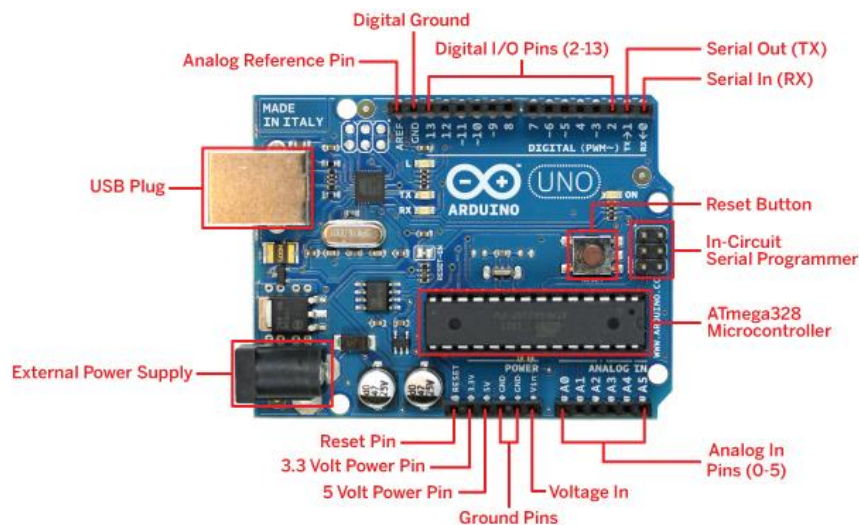
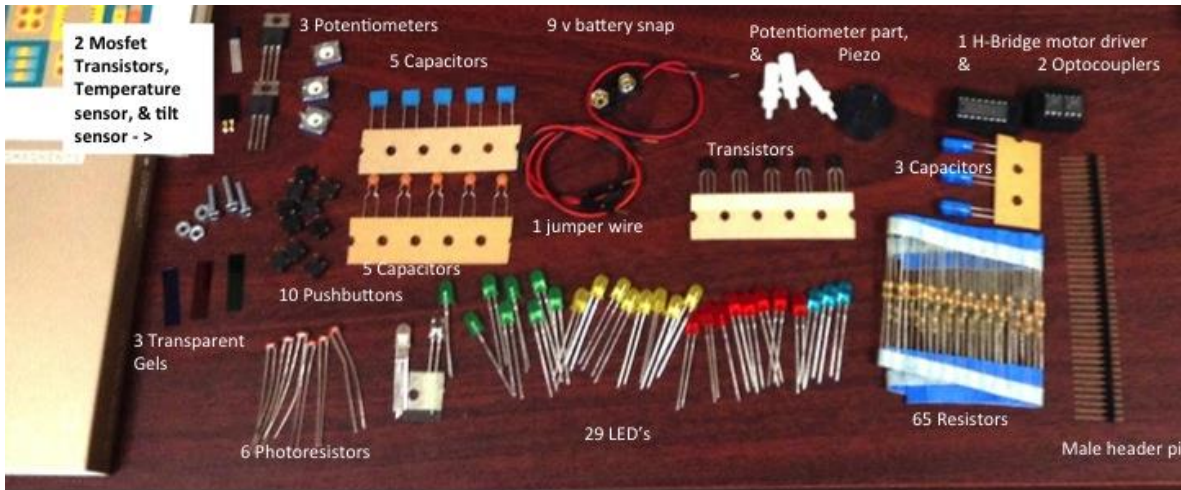
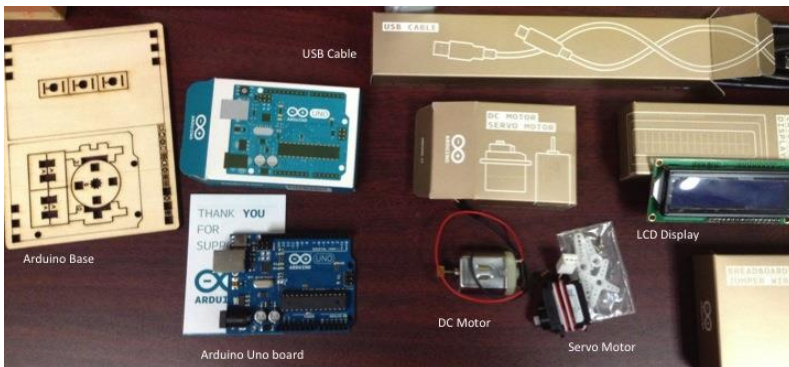


Photo from <http://www.zenbike.co.uk/ardu>



- Contents:
- 10 Pushbuttons
 - 2 Optocouplers
 - 1 temperature sensor
 - 5 Transistors
 - 1 tilt sensor
 - 2 Mosfet Transistors
 - 13 Capacitors (5 blue + 5 orange+ 3 blue)
 - 29 LED's
 - 1 jumper wire
 - 5 Diodes
 - 1 9v battery snap
 - 3 Transparent Gels
 - 1 Male Pinstrip
 - 6 Photoresistors
 - 1 piezo capsule
 - 65 Resistors
 - 3 Potentiometer
 - 1 H-Bridge motor driver



- Contents:
- 1 Arduino Uno board
 - 1 Arduino Base
 - 1 USB Cable
 - 1 LCD display
 - 1 DC Motor 6/9v
 - 1 Servo Motor

- Contents:
- 1 Breadboard
 - 70 Solid core jumper wires

