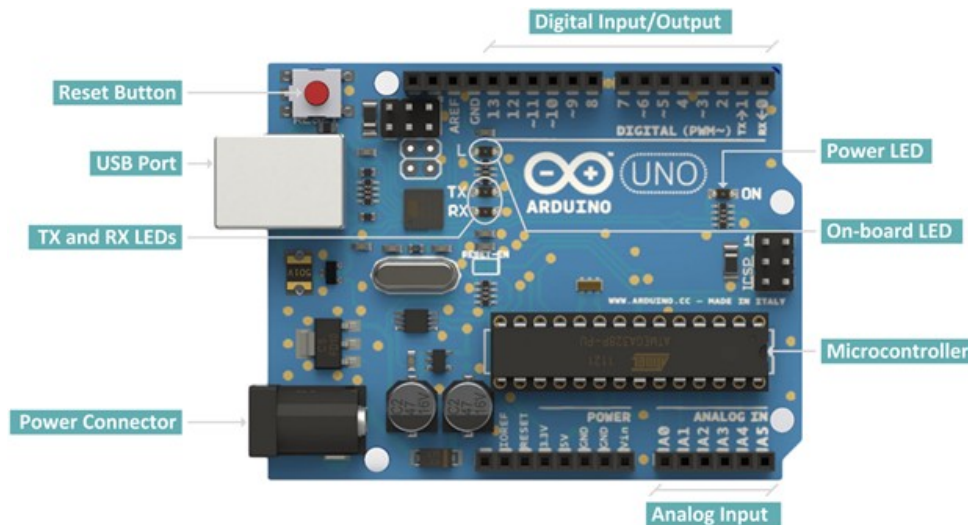


Introduction to Arduino (UNO)

Discover

Customise your environment or make an interactive installation by tinkering with this low-cost and easy-to-use single-board microcontroller (more <http://en.wikipedia.org/wiki/Arduino>)

Learn



The Arduino has a microcontroller to perform logic that you program, and multiple input/output pins. Some pins are digital (only off or on), others are analogue (many levels between off and on).

More <http://arduino.cc/en/Main/ArduinoBoardUno>.

An example use, is to program the Arduino to analogue-read a light-sensor, then if the light is too dark, digital-write an LED on.

Apply

Unboxing...

Take the Arduino Uno out of its box, and become familiar with the components listed above. Connect the Arduino to your computer via the USB cable. The power LED should turn on.

Teach

Discuss your thoughts on the different components of the Arduino.
Share an idea for how this could be used.

Discover

When you're ready to make the Arduino do something, take a look at ARD1-Develop.

ARD1-Intro

Unlocks: ARD1-Develop