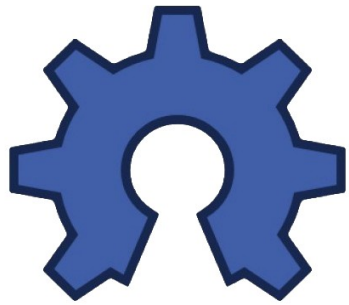




open hardware



open source



OPEN ACCESS

Entradas y salidas digitales

Alberto Labarga – Experimental Serendipity S.L.

Laboratorio de Fabricación Digital



<http://www.apptivismo.org/laboratorio-fabricacion-digital/>

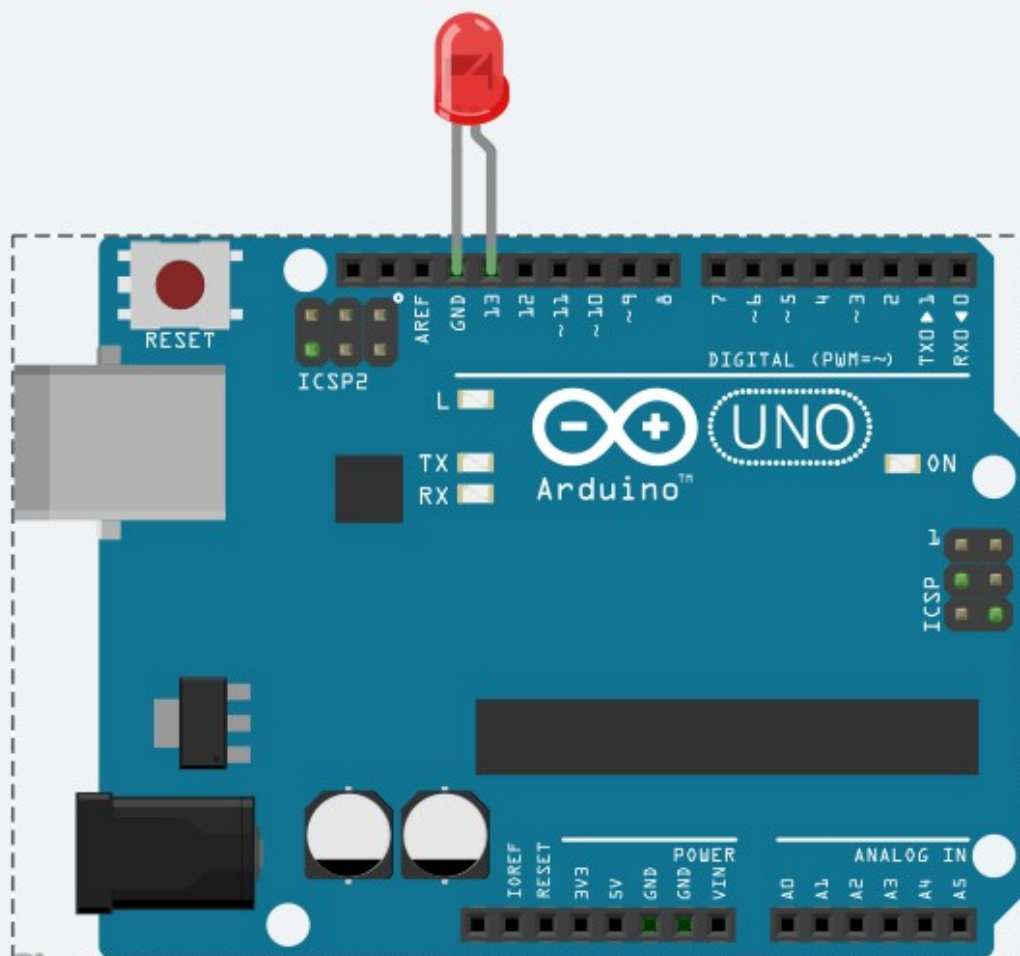
Welcome

Breadboard

Schematic

PCB

PCB



Parts

Core Parts

CORE

Basic

MINE

Input

CON

TRIB

CON

TRIB

Inspector

Arduino1



v. 5

Arduino Uno (Rev3)

Placement

location 2.410 0.000

rotation 0.0

☐ Locked

Properties

family microcontroller board (arduino)

type Arduino UNO (Rev3)

part #

Tags

rev3, uno, arduino, atmega328

Connections

conn.

0 of 2 nets routed - 2 connections still to be routed



Share



Add a note



Rotate



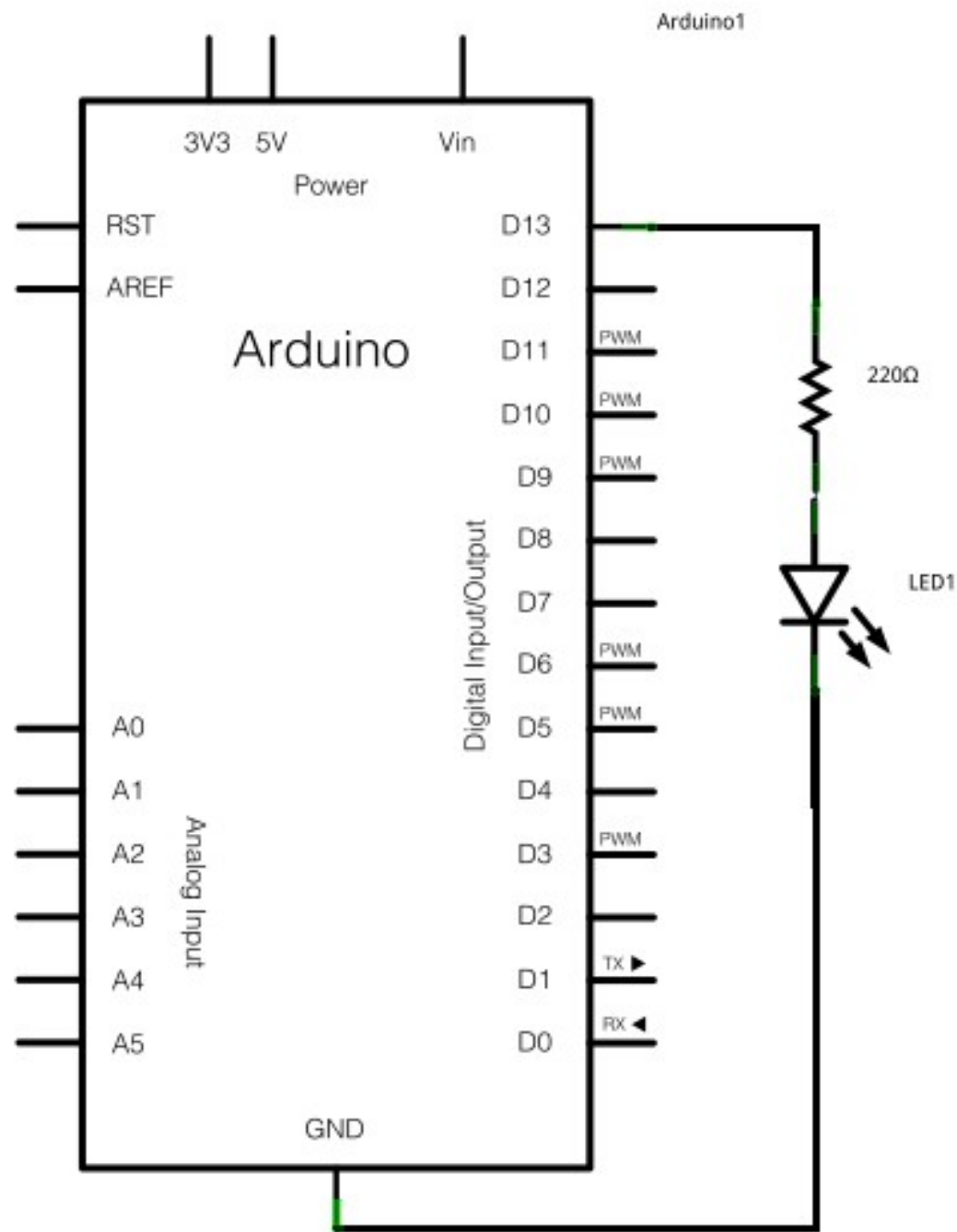
Flip

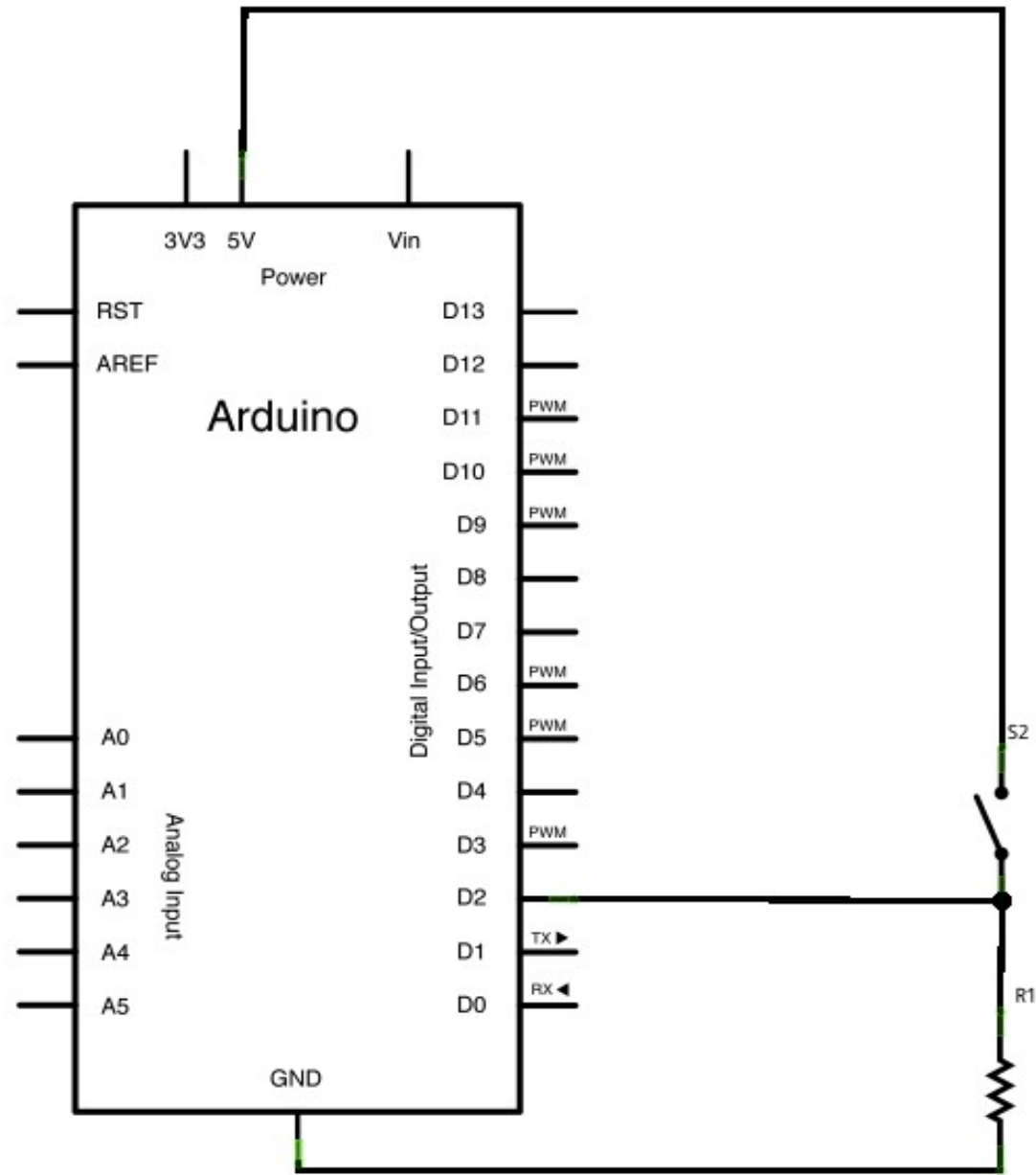
5.736 1.138 in 198 %

Entrada/Salida digital

- `pinMode(pin, INPUT);`
- `pinMode(pin, INPUT_PULLUP);`
- `pinMode(pin, OUTPUT);`

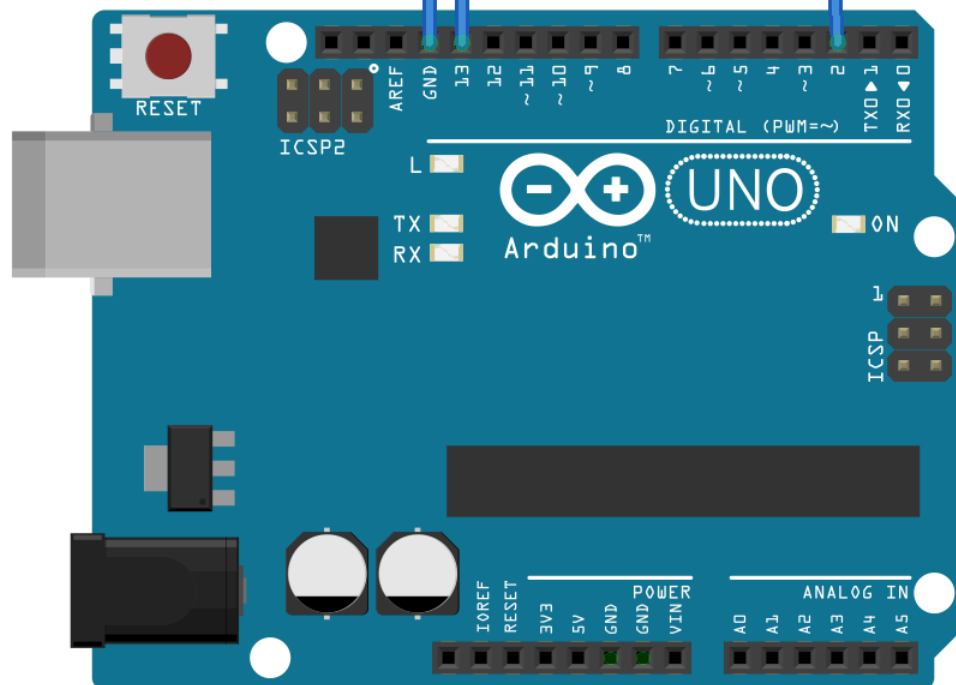
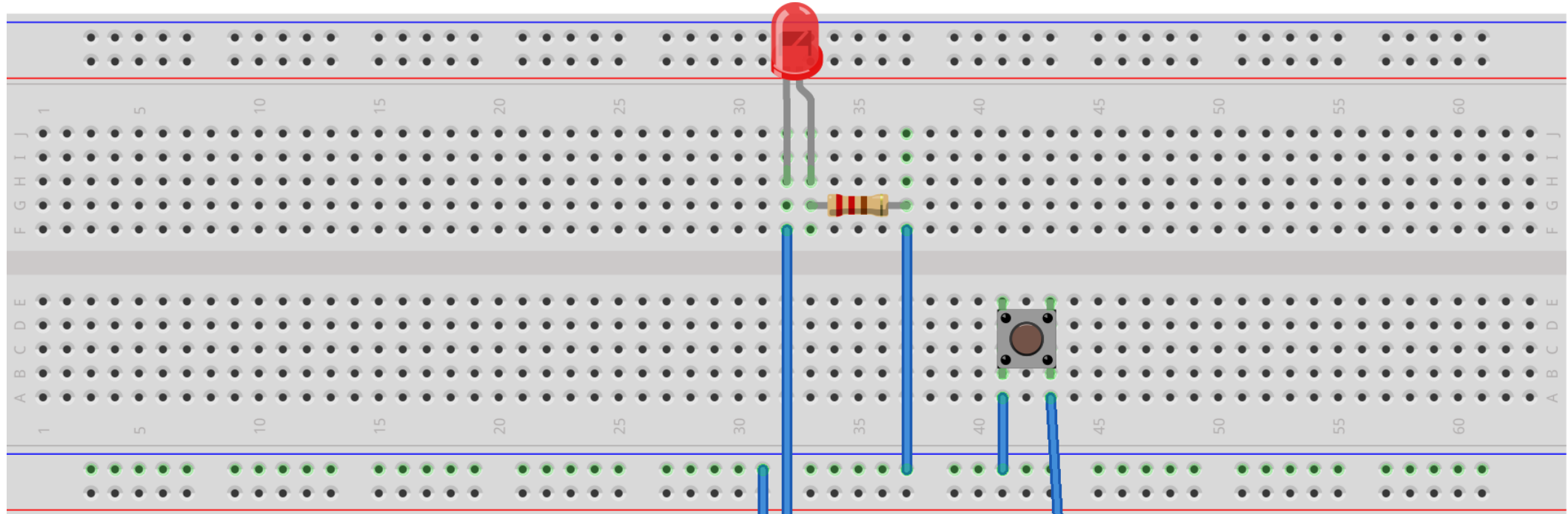
- `digitalRead(pin)`
- `digitalWrite(pin,HIGH)`
- `digitalWrite(pin,LOW)`

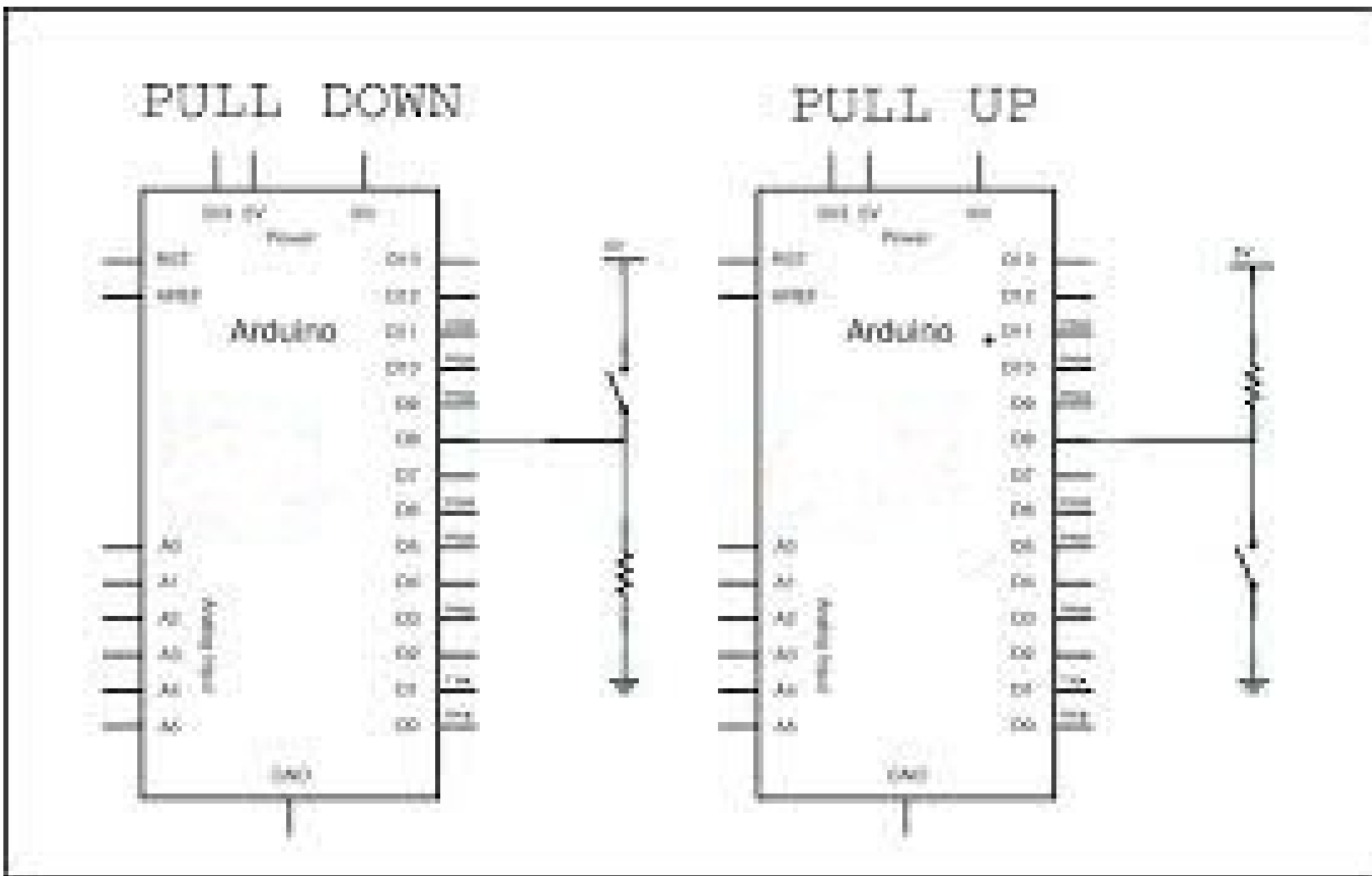




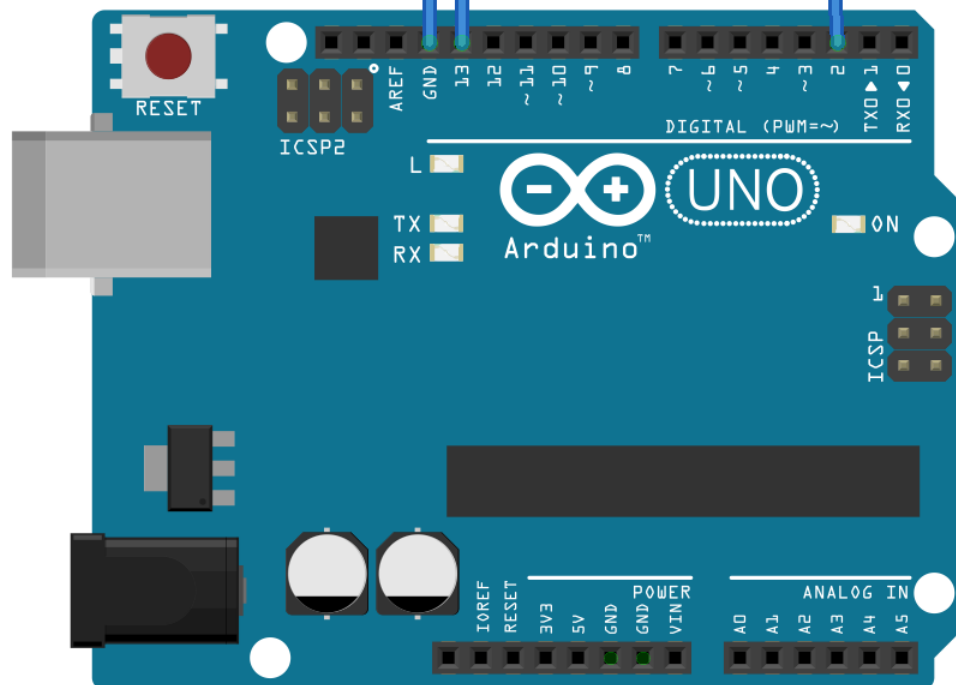
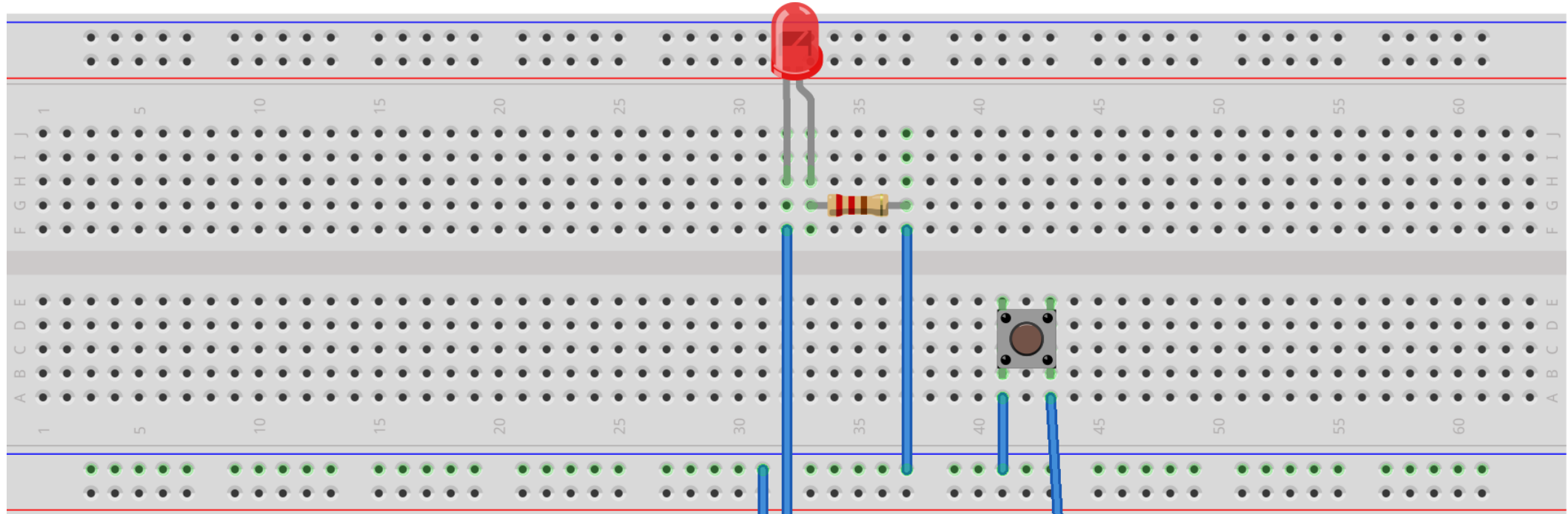
<http://arduino.cc/en/Tutorial/Button>

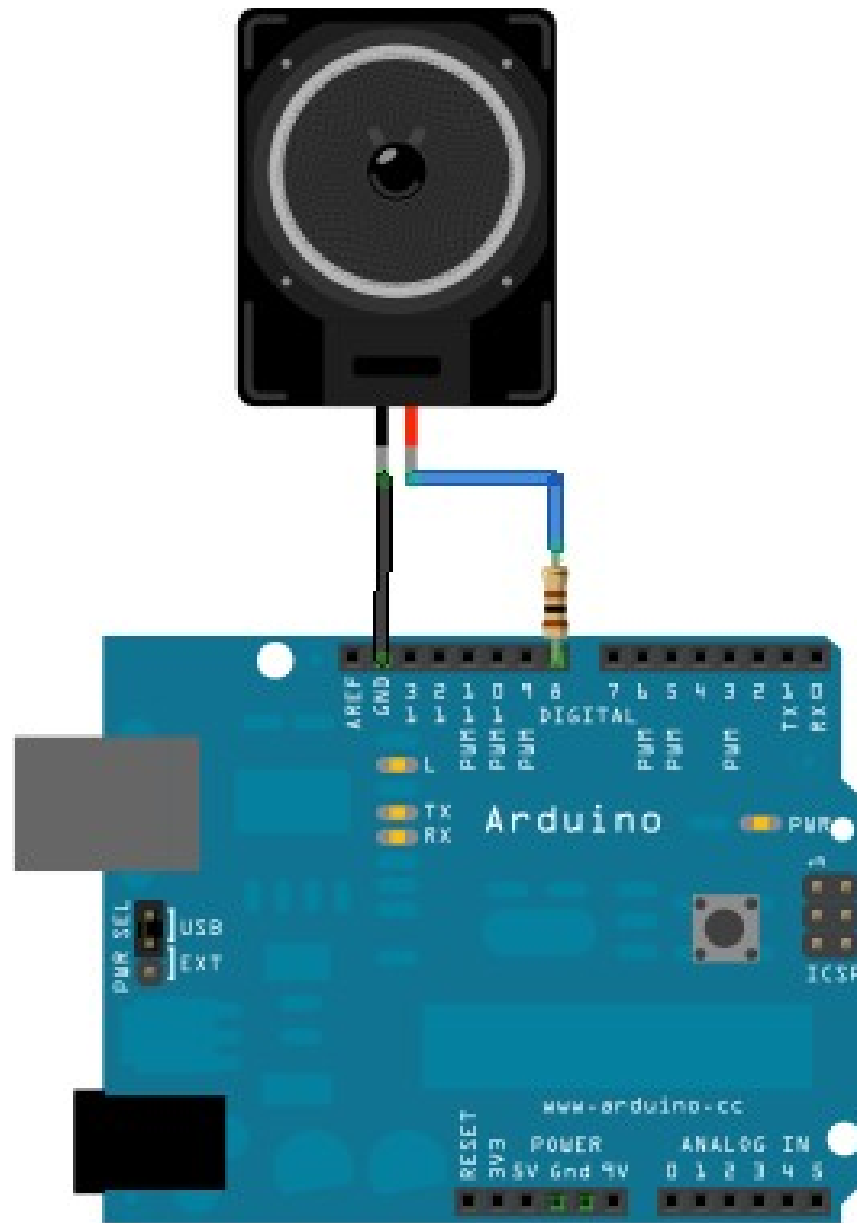
<http://arduino.cc/en/Tutorial/ButtonStateChange>





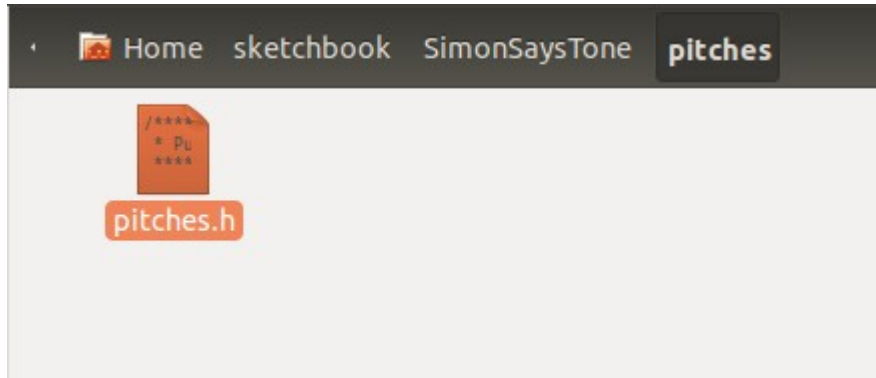
La entrada sera LOW o HIGH con el pulsador sin pulsar, y HIGH o LOW con el pulsador pulsado





<http://arduino.cc/en/Tutorial/Tone>

Importar librerías



Ponemos el fichero de cabecera (*.h) en un directorio con el mismo nombre

