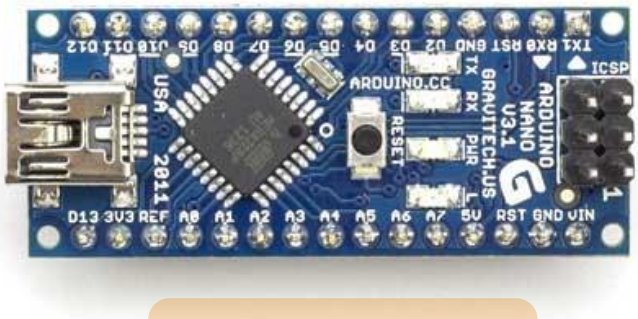
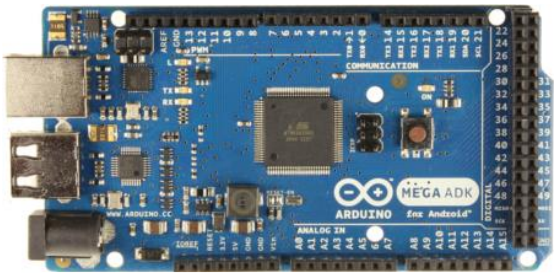
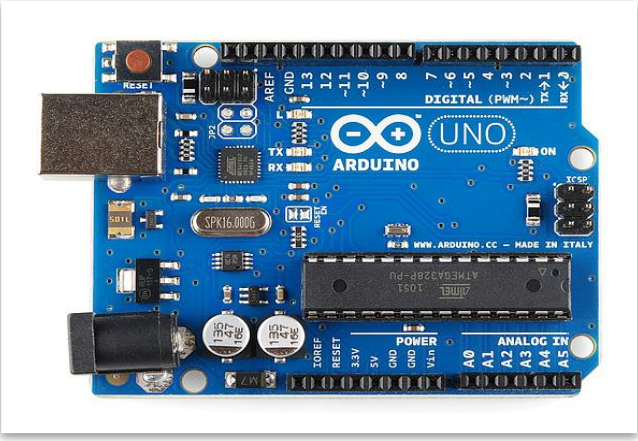


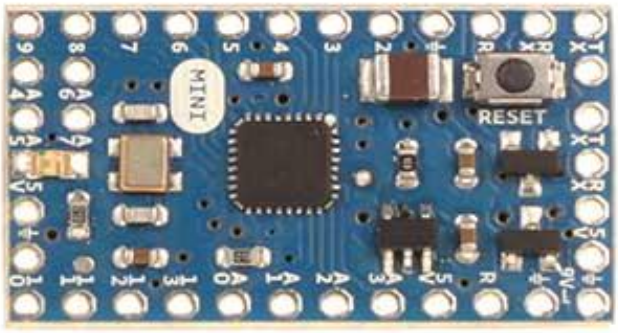
Arduino Nano



Arduino Mega

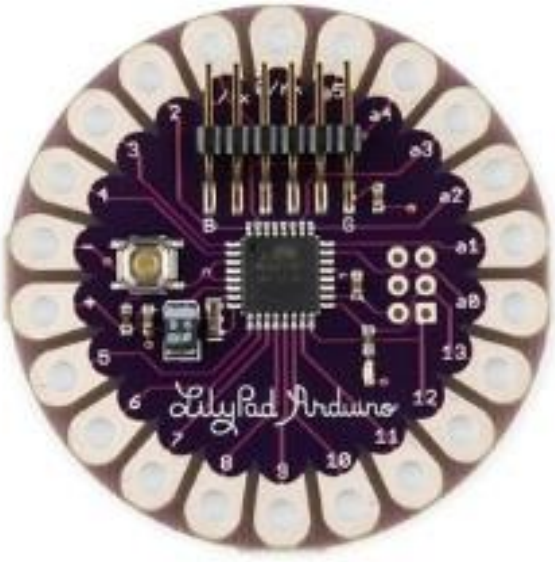


Arduino Uno

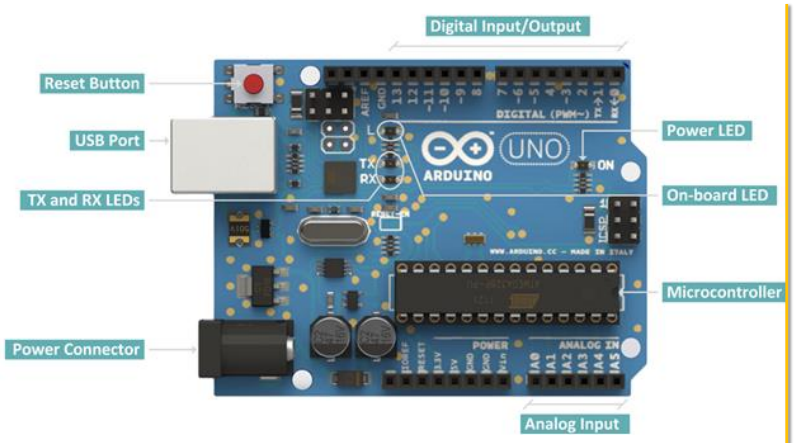


Arduino Mini

Arduino Leonardo



Arduino LilyPad



Digital pins:

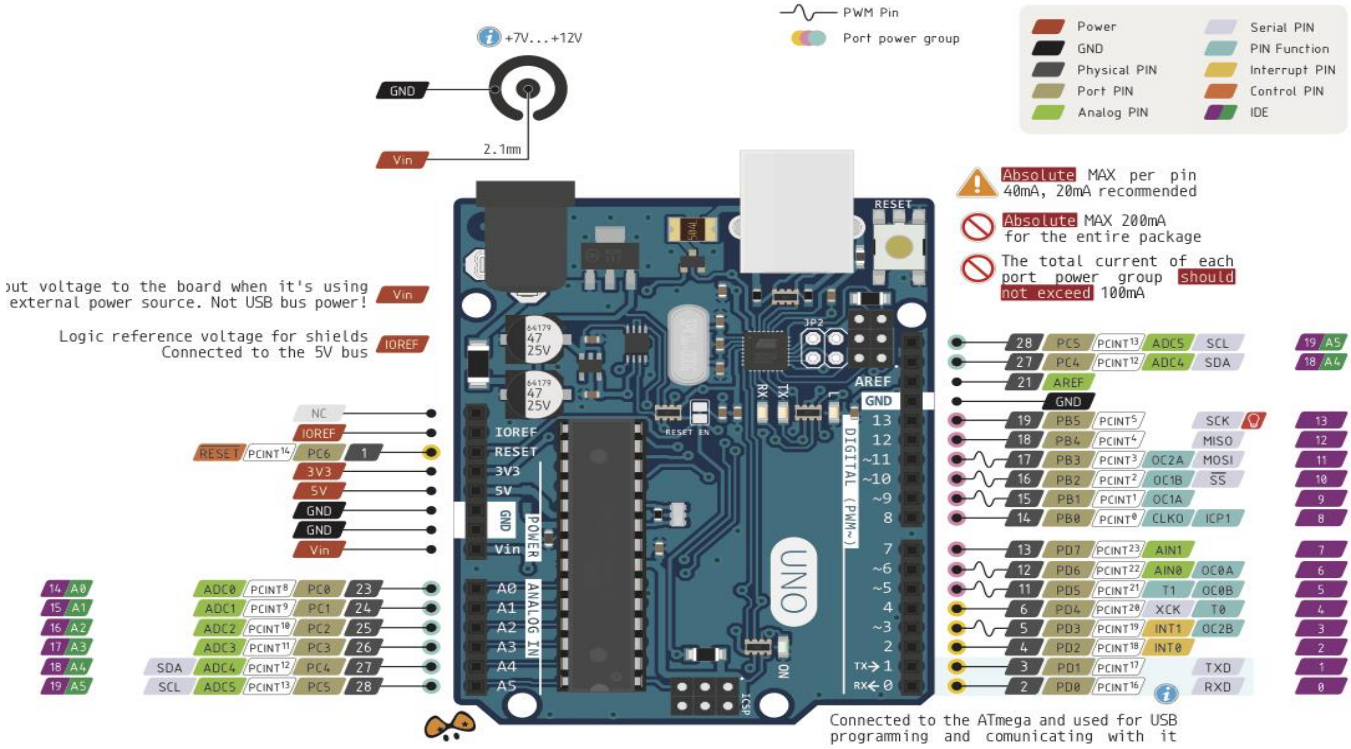
14 digital IO pins

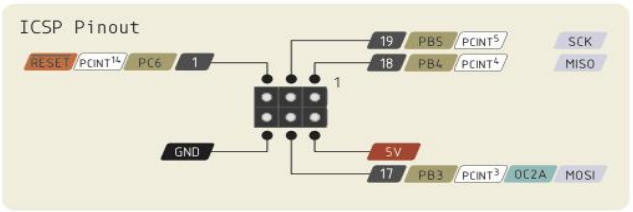
6 are PWM pins (3, 5, 6, 9, 10, and 11).

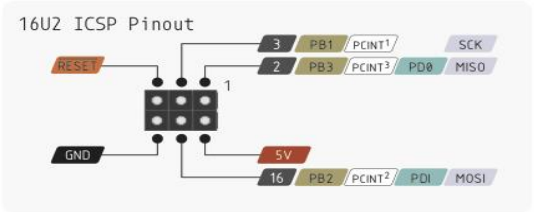
Analog pins:

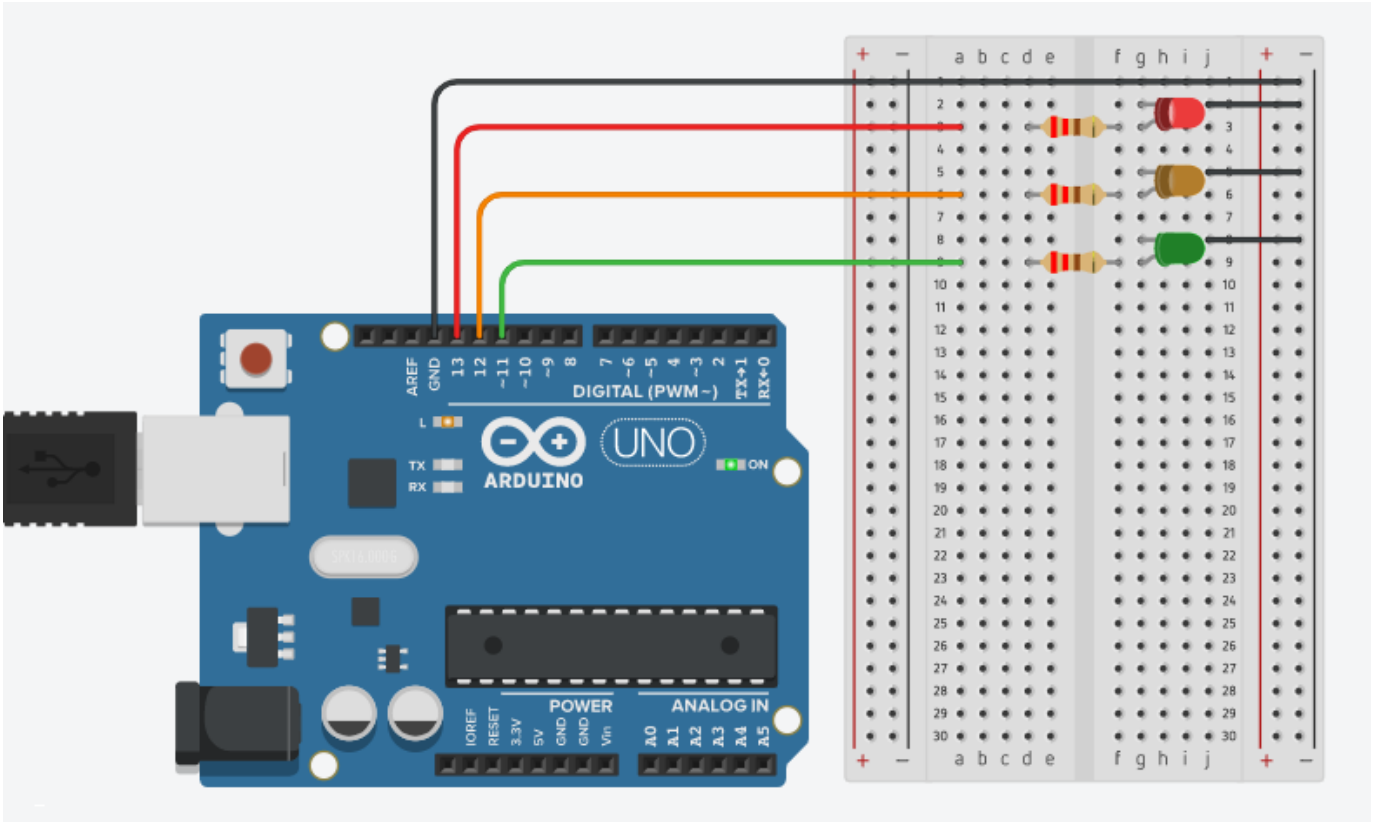
6 analog pins(A0, A1, A2, A3, A4, and A5)

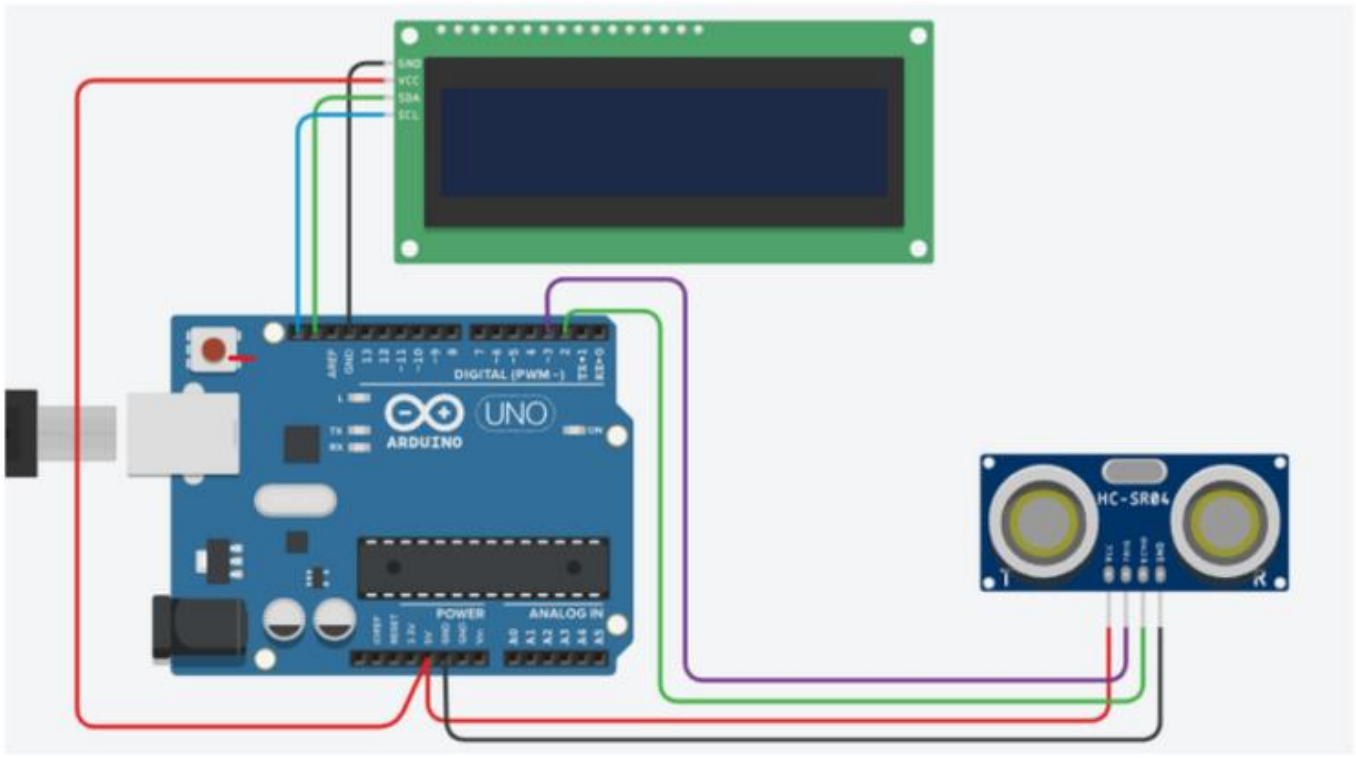
Takes analog values as an input





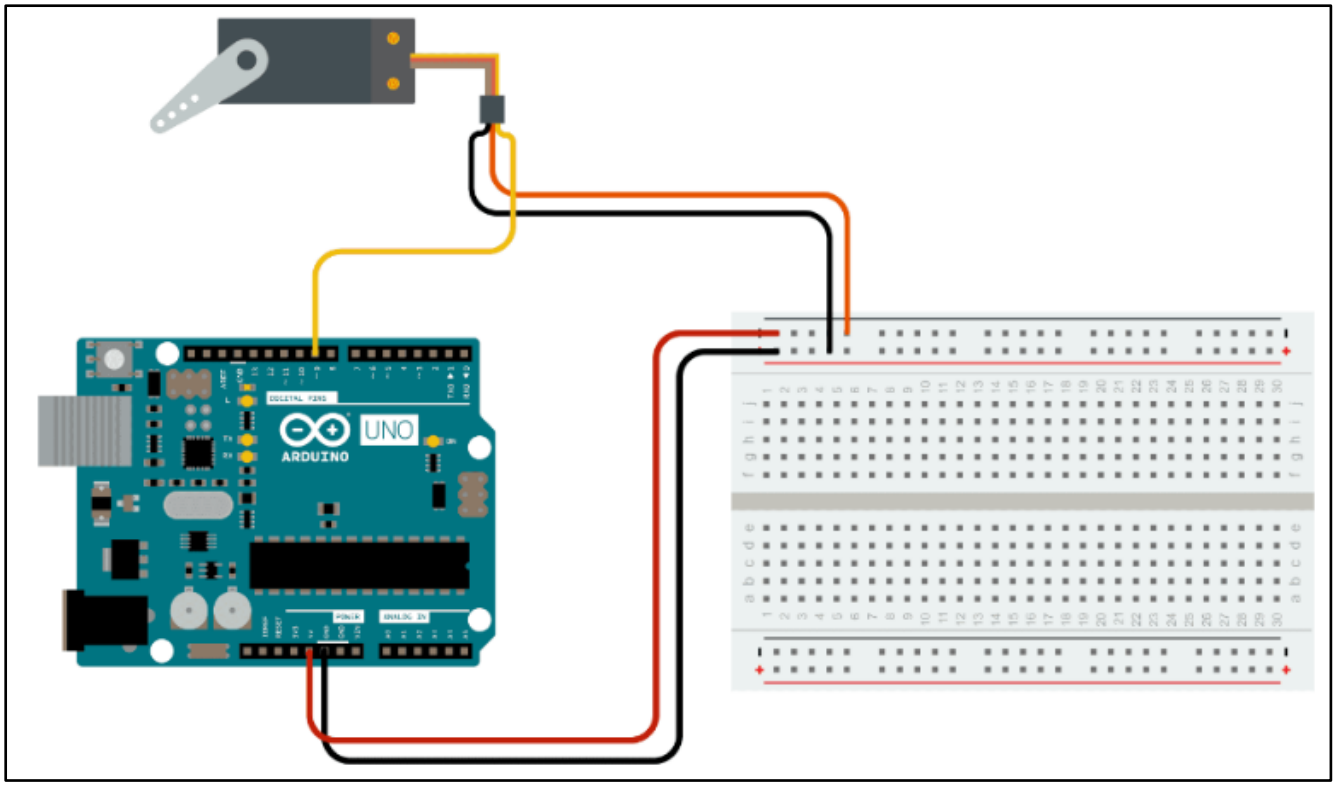


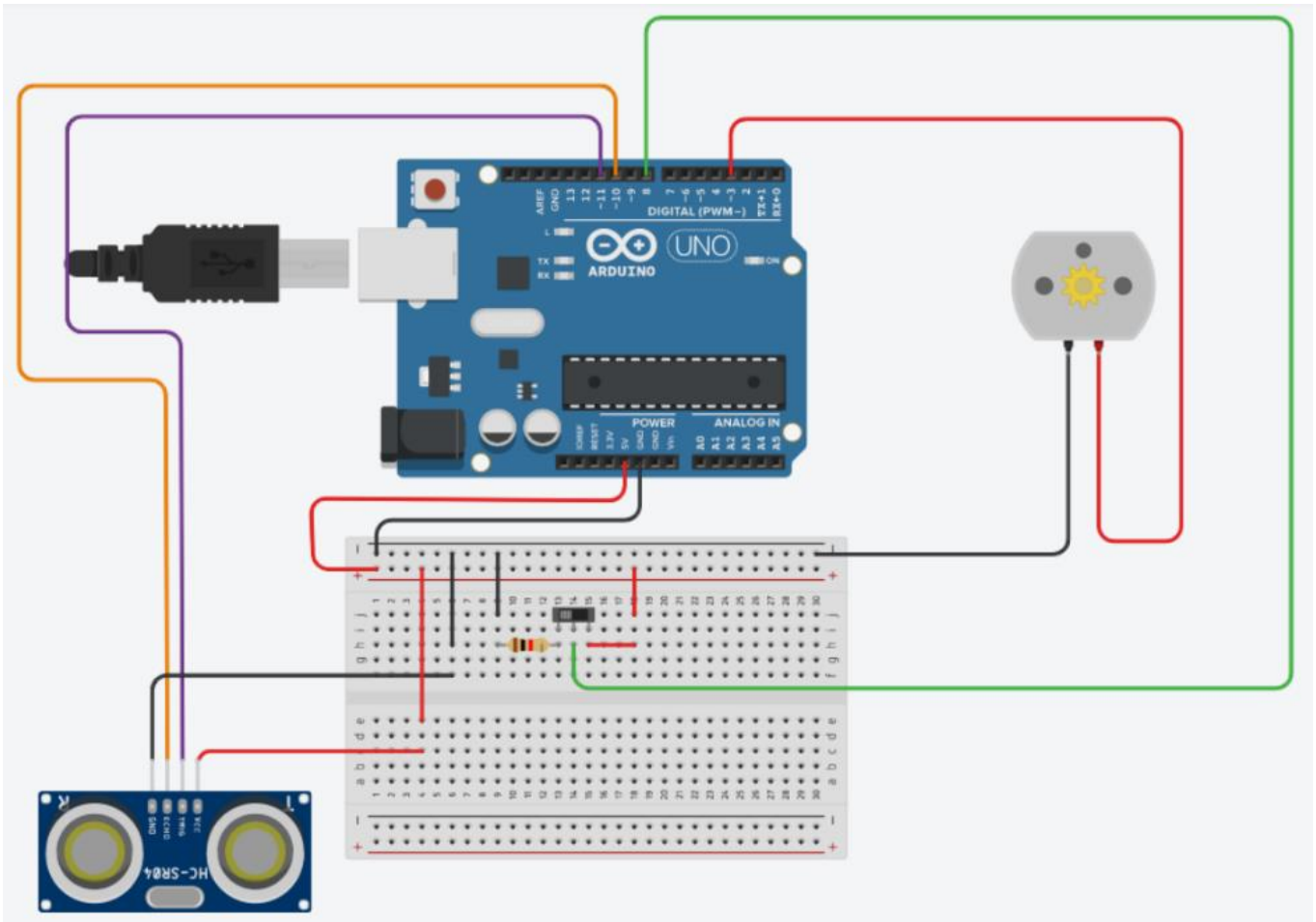


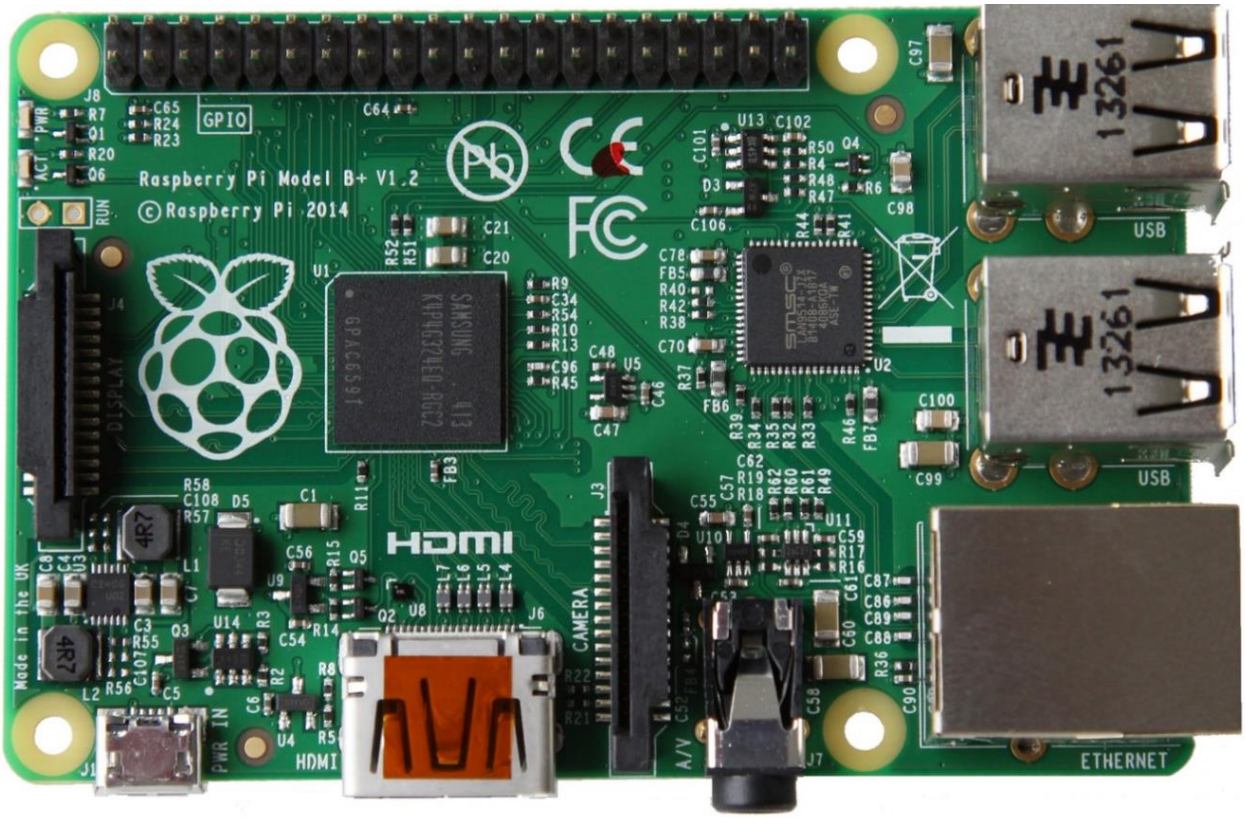


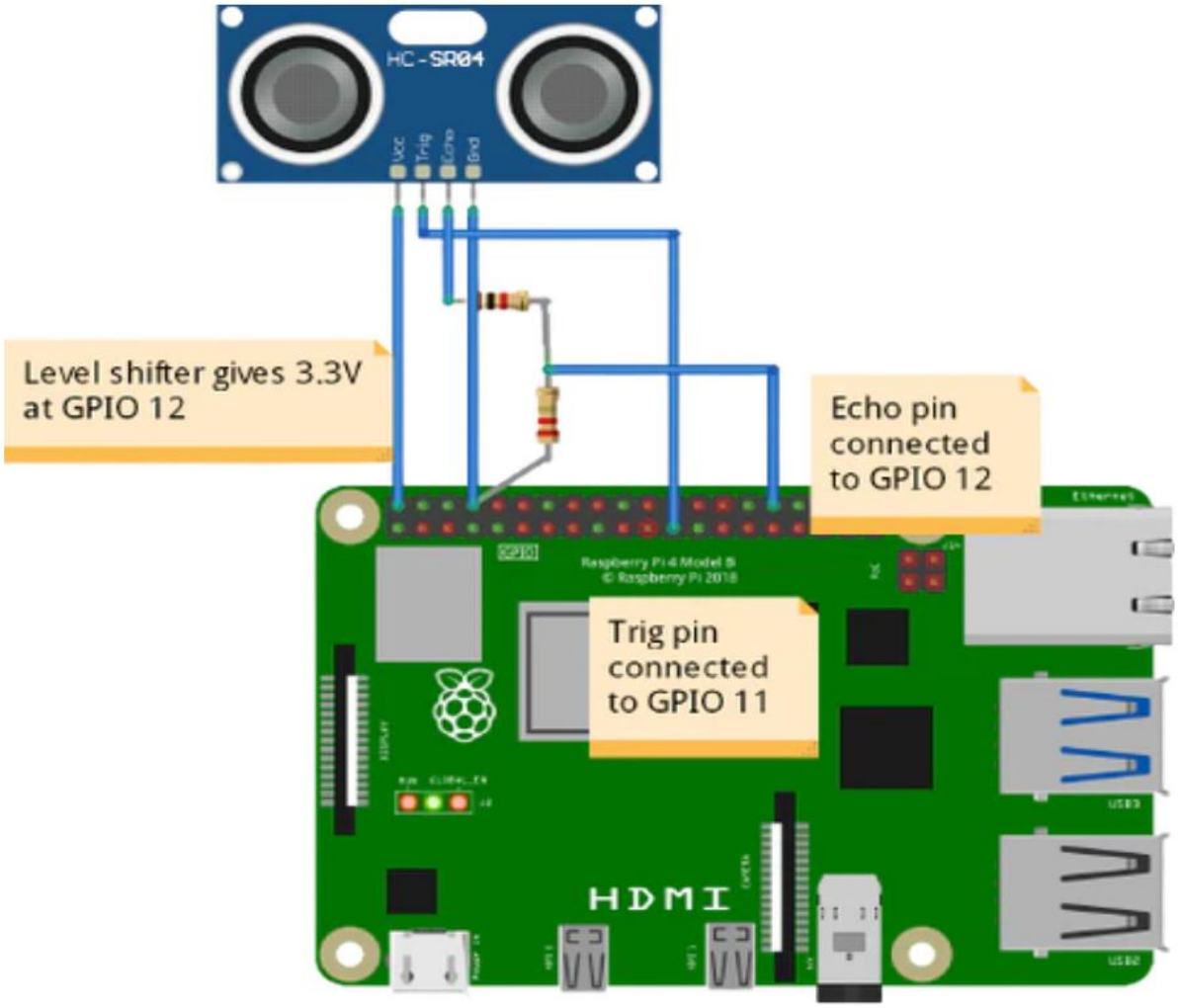
Trigger (trig)

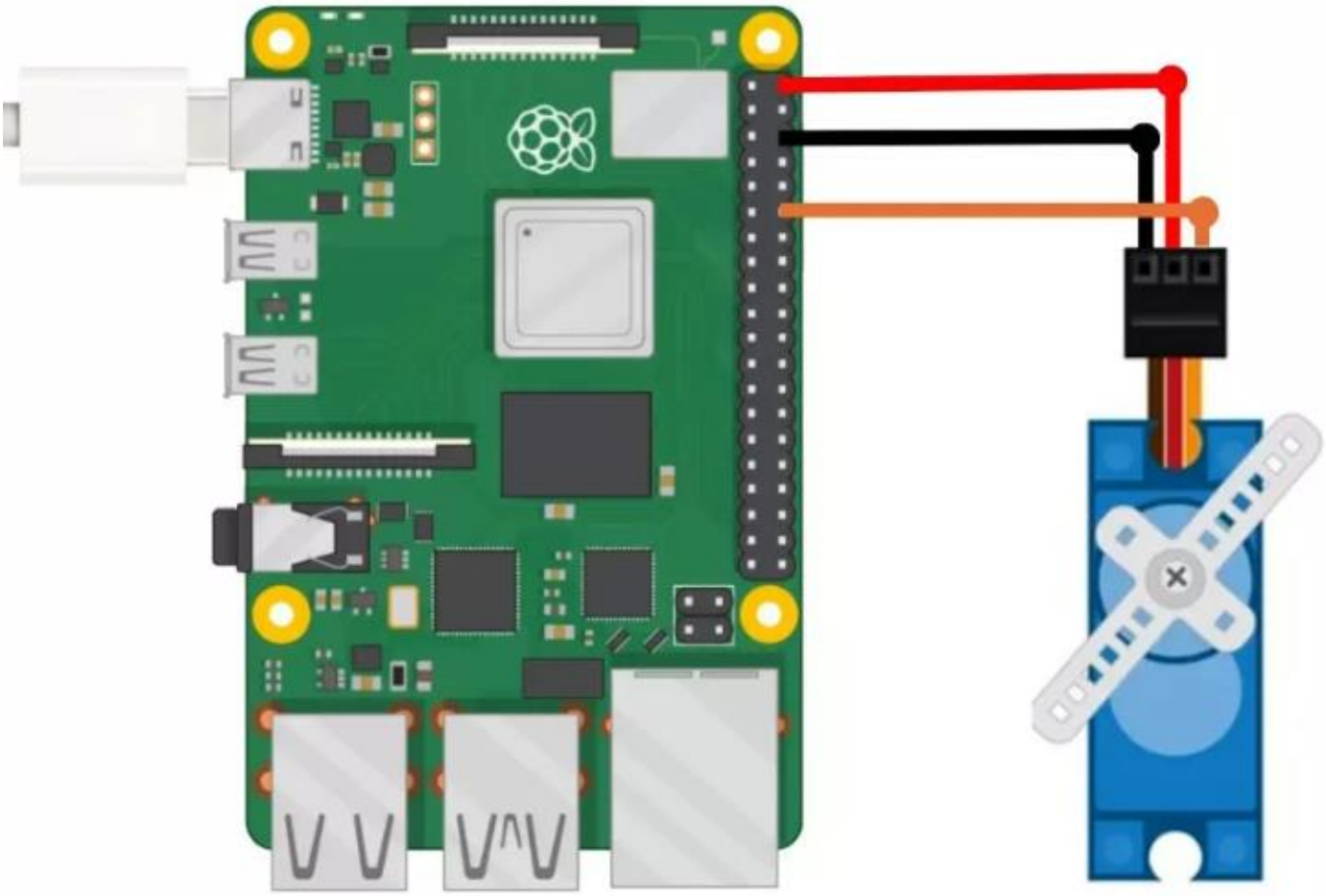
Echo

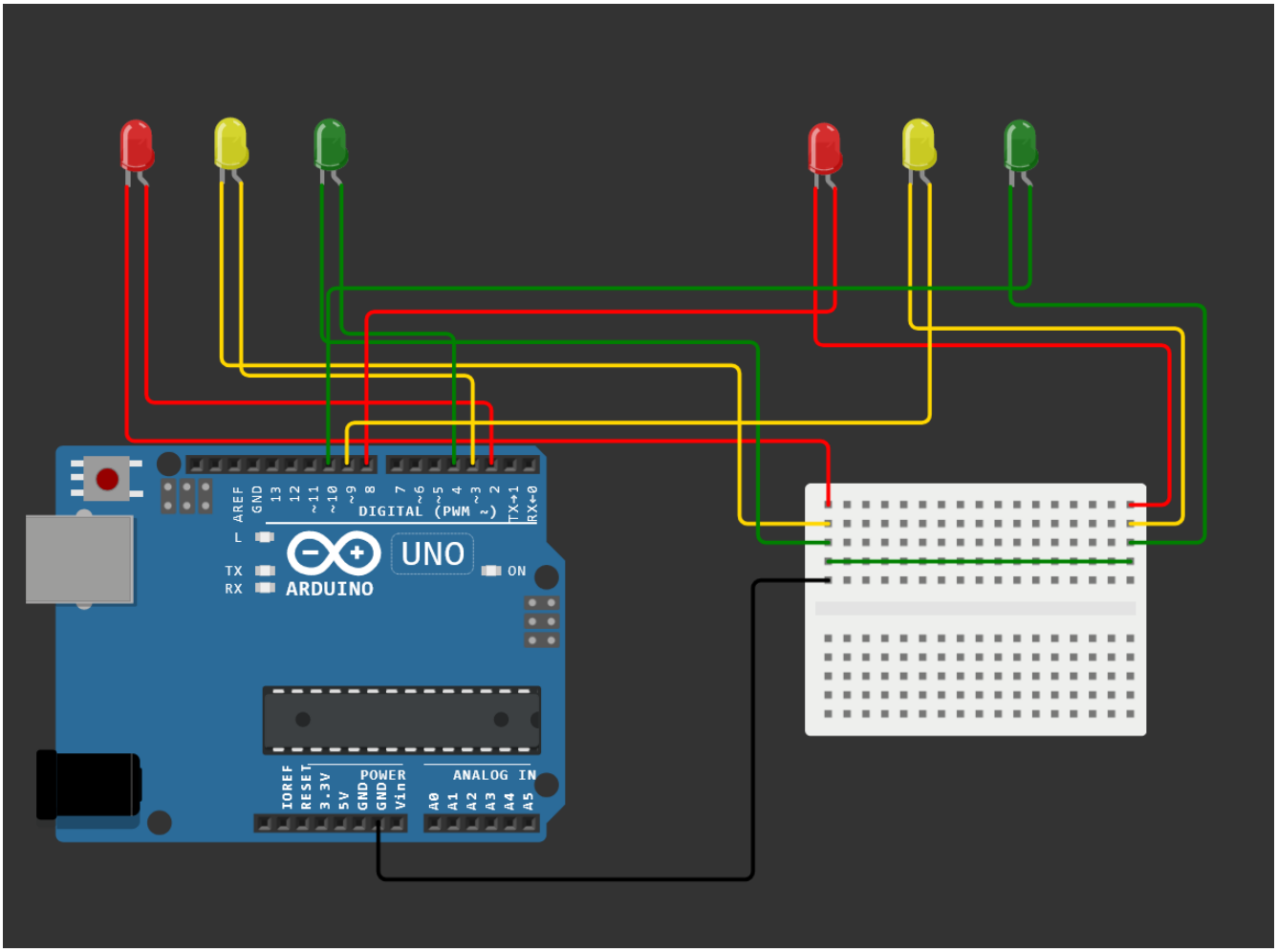

UNO
ARDUINO

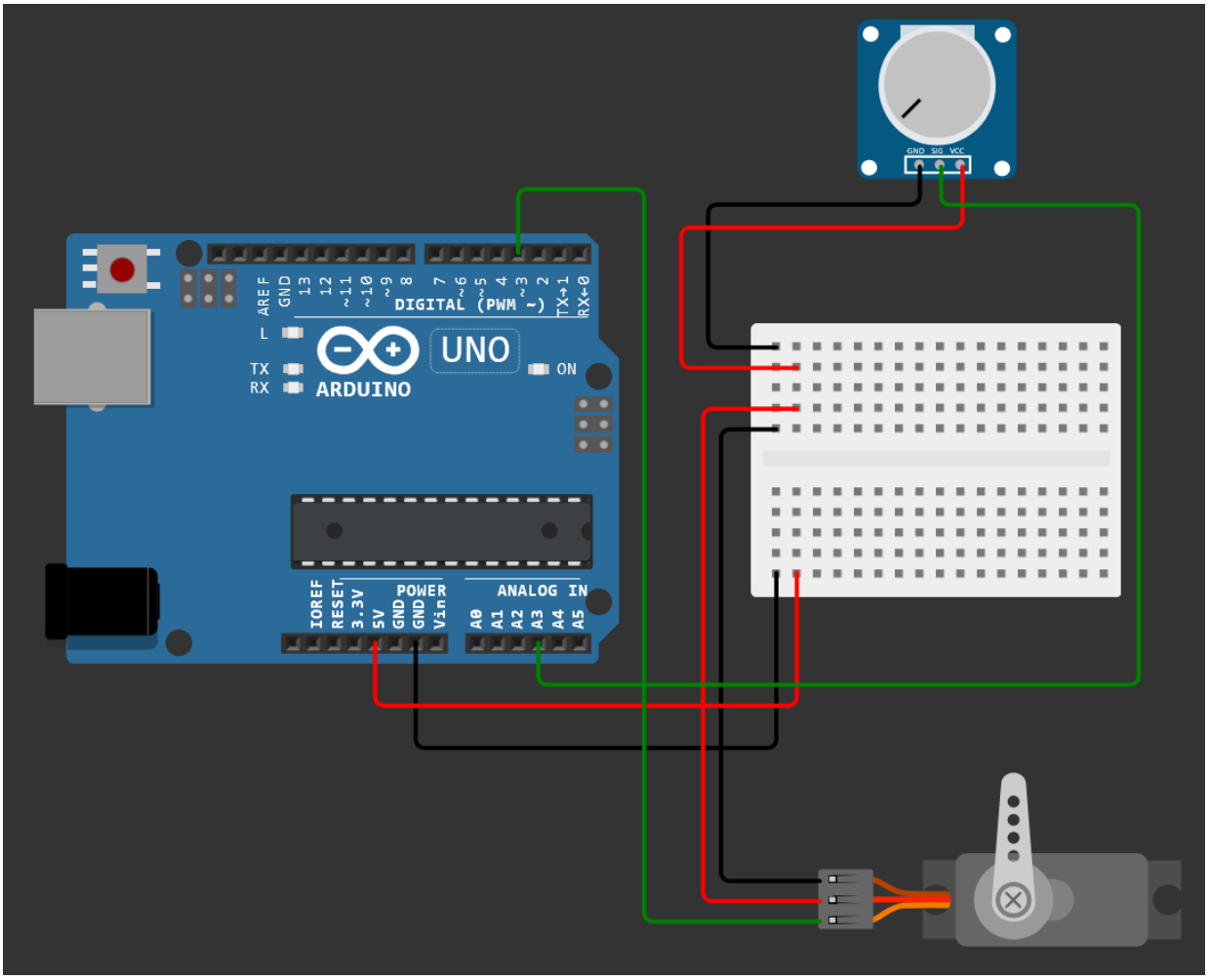

DIGITAL (PWM~)
UNO
ARDUINO
POWER
ANALOG IN
HC-SR04

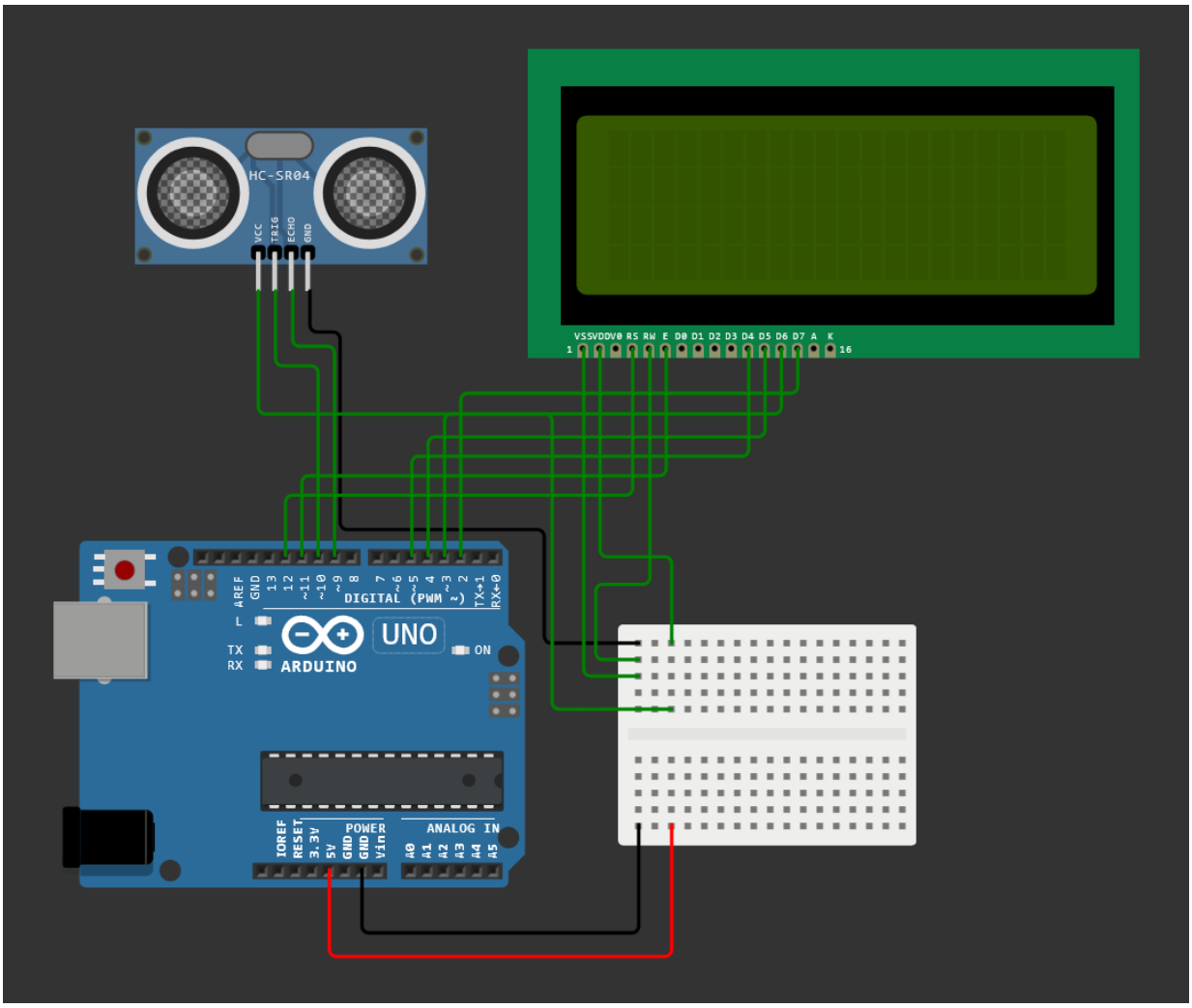

GPIO
Raspberry Pi Model B+ V1.2
© Raspberry Pi 2014
USB
USB
HDMI
CAMERA
DISPLAY
ETHERNET
PWR IN
HDMI
A/V
Made in the UK

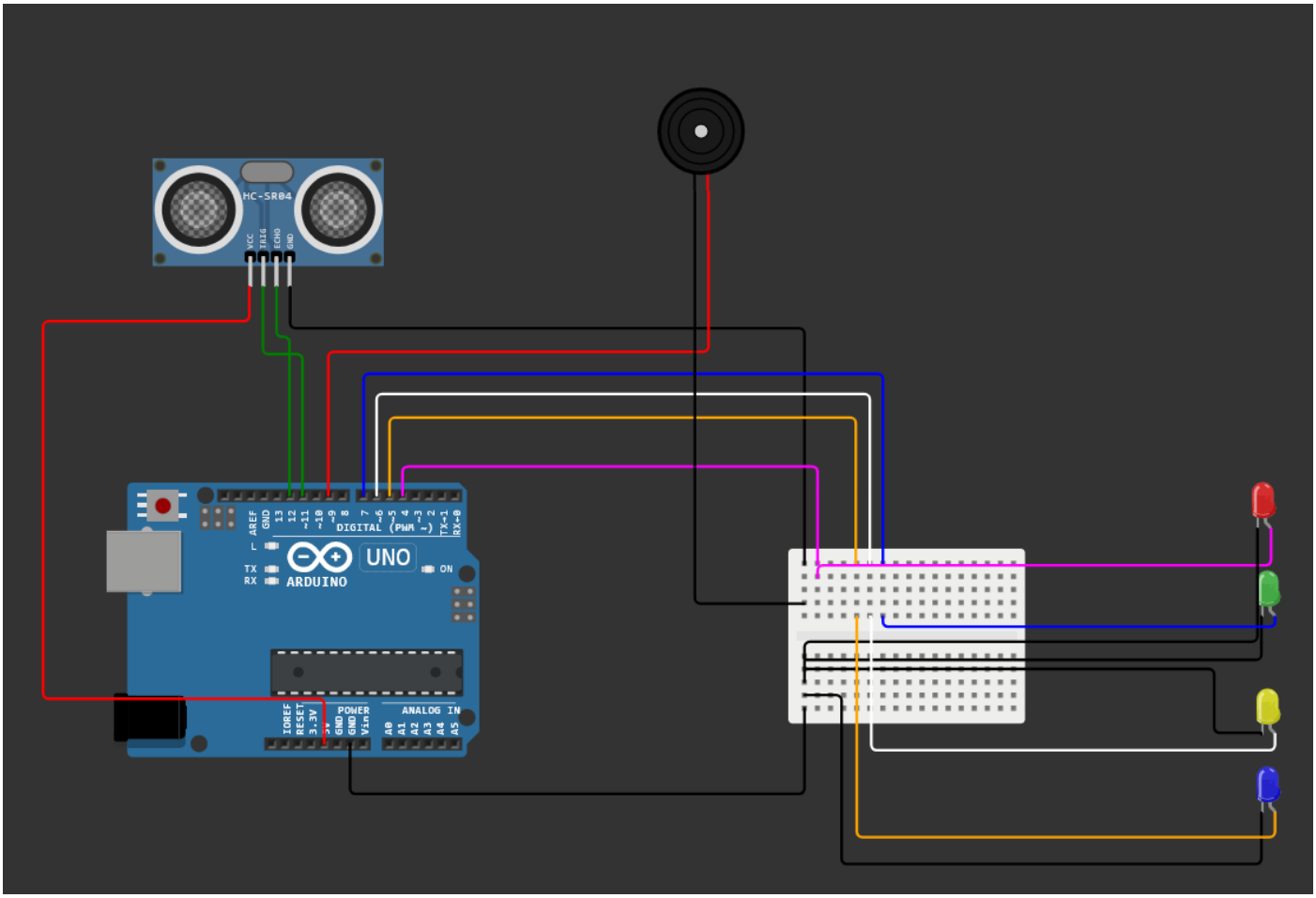

HC-SR04
Vcc
Trig
Echo
Gnd
Level shifter gives 3.3V at GPIO 12
Echo pin connected to GPIO 12
Trig pin connected to GPIO 11
GPIO
Raspberry Pi 4 Model B
© Raspberry Pi 2018
HDMI




DIGITAL (PWM ~)
UNO
ARDUINO
ON
TX
RX
POWER
ANALOG IN


GND SIG VCC
DIGITAL (PWM ~)
UNO
ON
TX
RX
ARDUINO
POWER
ANALOG IN
IOREF
RESET
3.3V
5V
GND
GND
Vin
A0
A1
A2
A3
A4
A5


HC-SR04
VCC
TRIG
ECHO
GND
VSS VDD V0 RS RW E D0 D1 D2 D3 D4 D5 D6 D7 A K
1
16
DIGITAL (PWM ~)
UNO
ON
TX
RX
ARDUINO
POWER
ANALOG IN
IOREF
RESET
3.3V
5V
GND
GND
Vin
A0
A1
A2
A3
A4
A5


HC-SR04
VCC
TRIG
ECHO
GND
UNO
ARDUINO
DIGITAL (PWM ~)
POWER
ANALOG IN