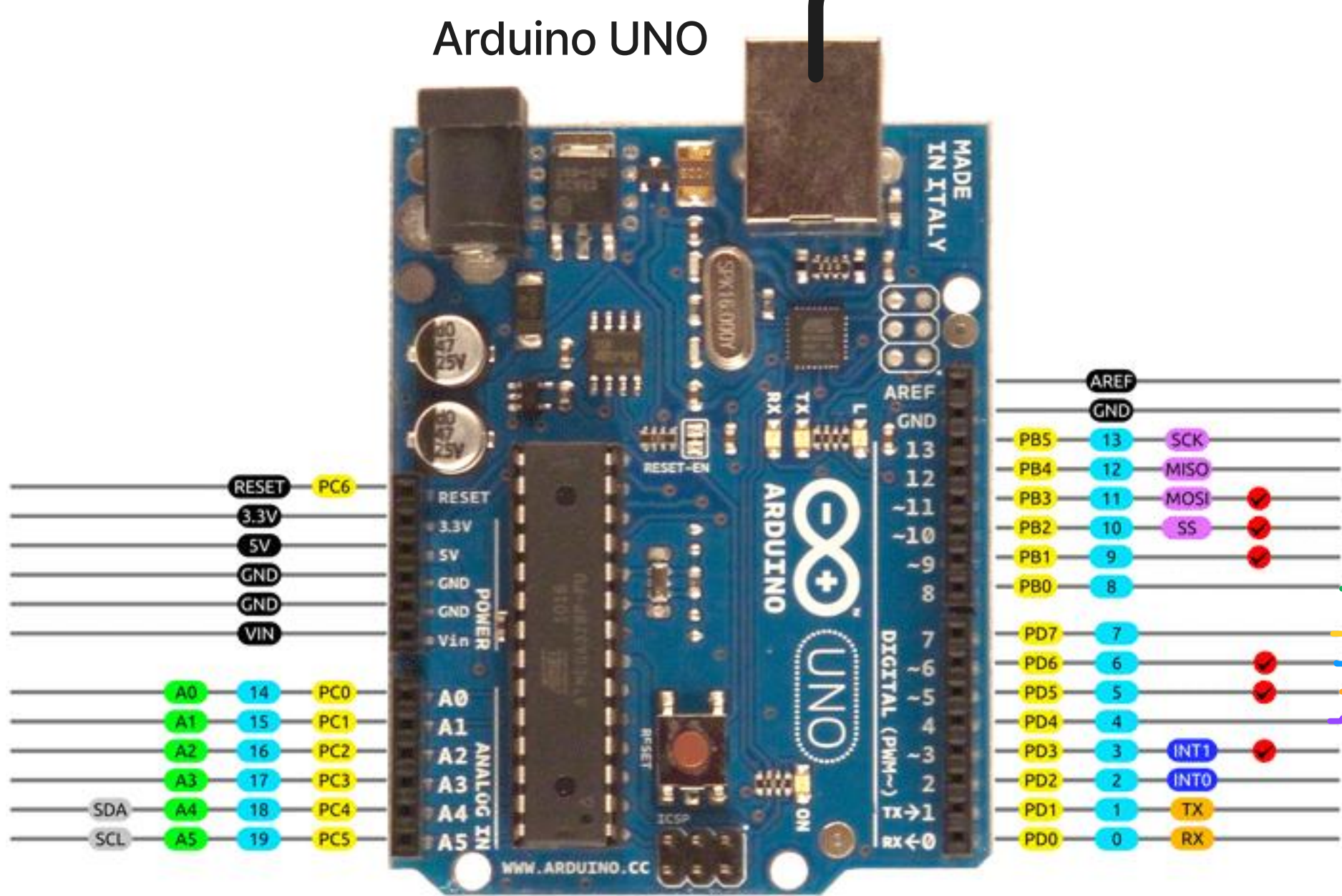


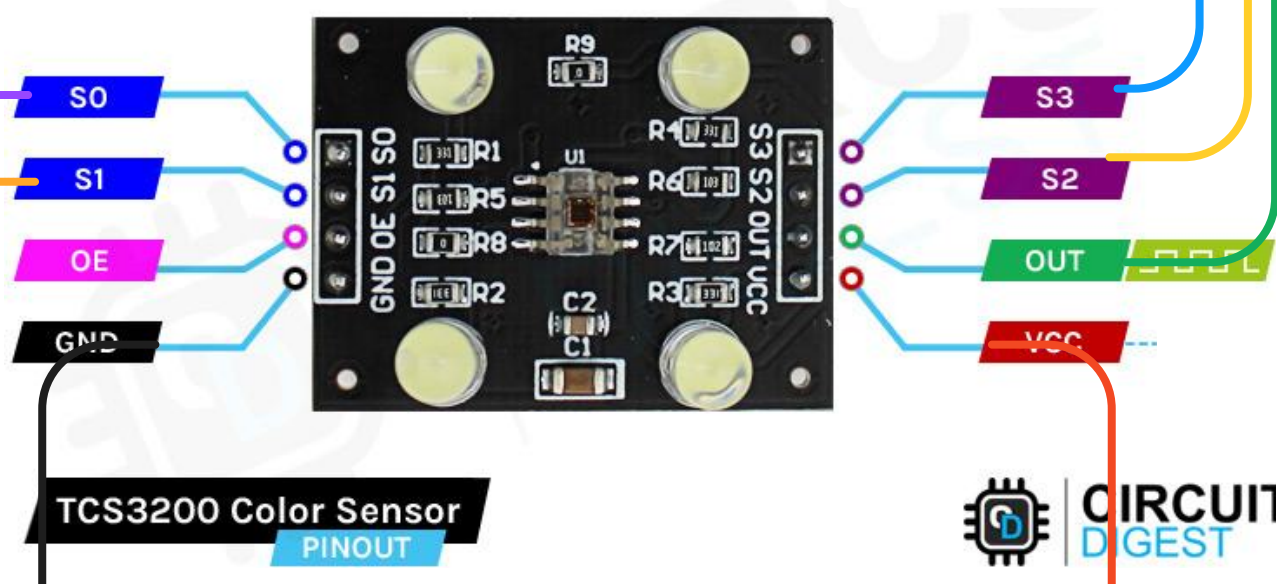
USB connection
RP - Arduino



AVR DIGITAL ANALOG POWER SERIAL SPI I2C PWM INTERRUPT

2014 by Bouni
Photo by Arduino.cc

- Set Frequency Scaling
- Select Colour Array
- Output Enable
- Output
- GND
- VCC



TCS3200 Color Sensor

PINOUT

5v rail ground rail

Distance sensor



HC-SR04 Pinout

9V battery / PSU

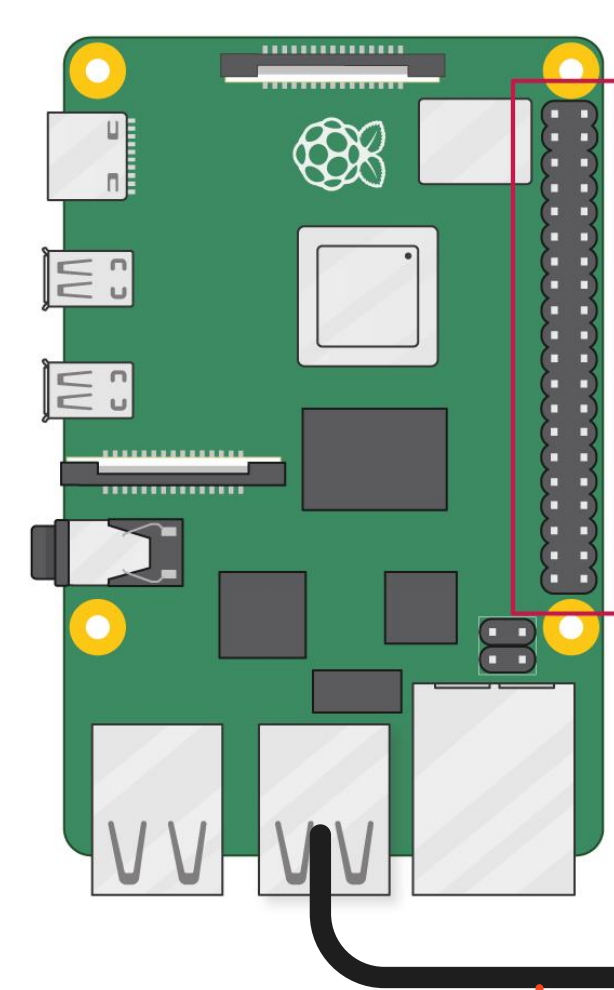
reset button

LCD display



I2C LCD Pinout

Raspberry Pi



USB connection
RP - Arduino

servo L



servo R



servo entry

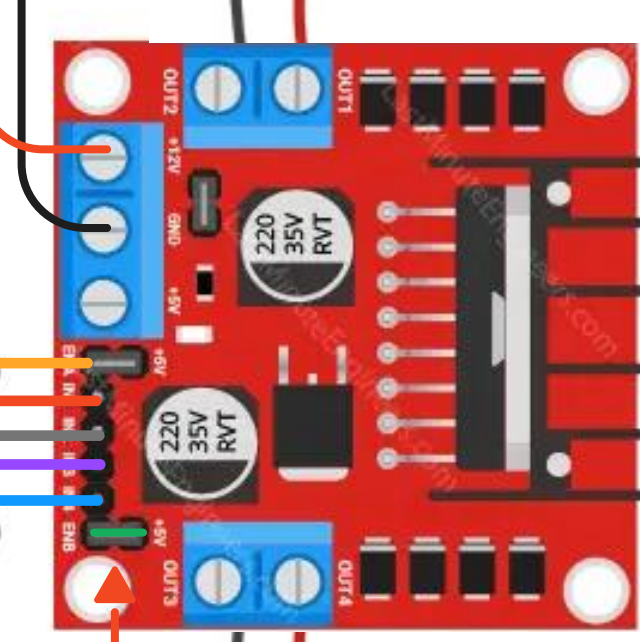


Important!
Connect these 2 pins.

Conveyor belt DC



L298N motor shield



Discard arm DC

