



# Programa “Hola Mundo”

Arduino uno

```
#define PIN_LED 13

void setup() {
  pinMode(PIN_LED, OUTPUT);
}

void loop() {
  digitalWrite(PIN_LED, HIGH);
  delay(1000);
  digitalWrite(PIN_LED, LOW);
  delay(1000);
}
```



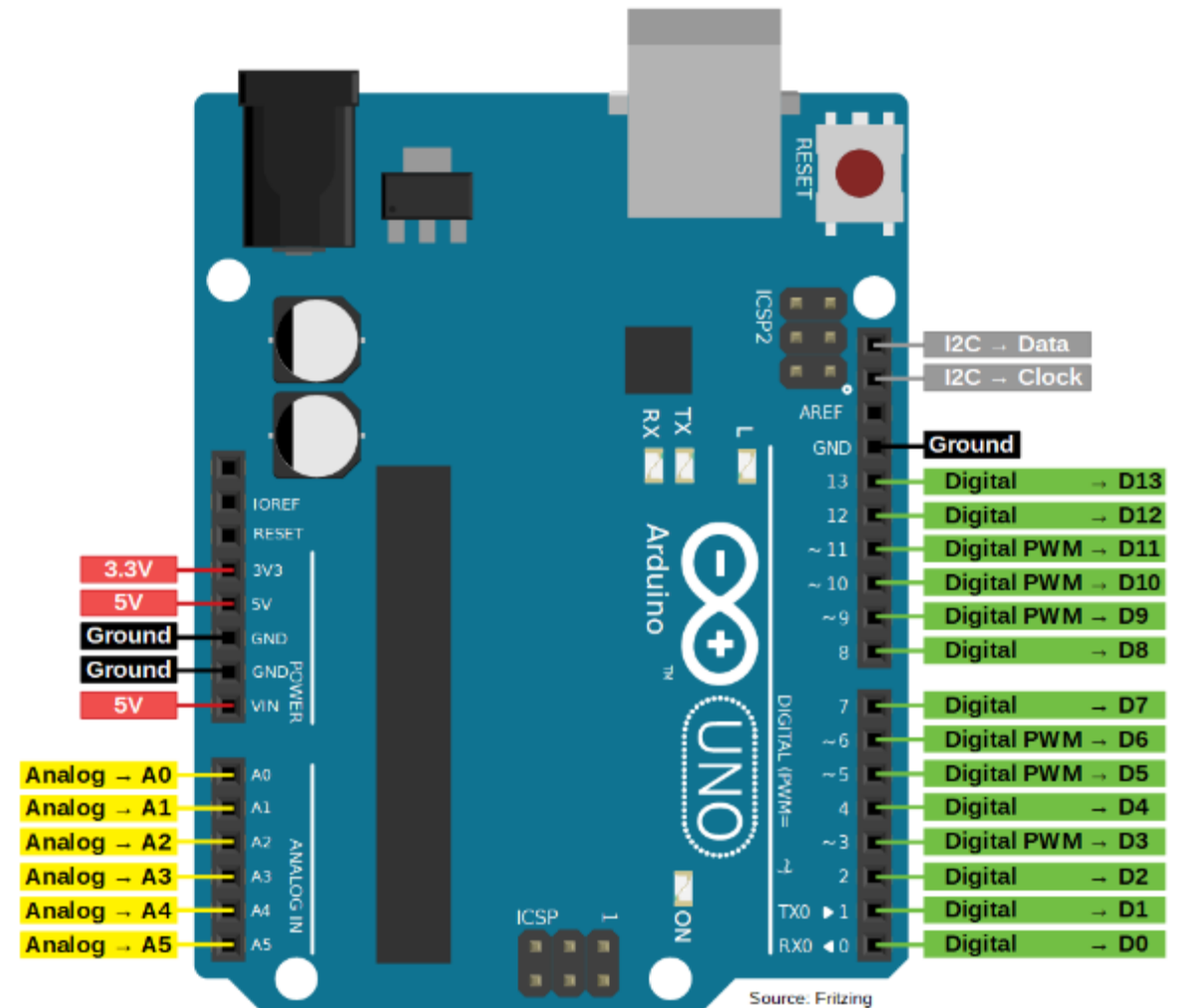
# Contenido

- Conociendo la tarjeta Arduino
- Descarga e instalación del IDE de Arduino
- Programación
- Conclusiones



# Conociendo la tarjeta Arduino

- 14 pines digitales (6PWM)
- 6 pines analógicos
- Reset
- 2 Leds RX, TX
- Led ON
- Led Pin 13



USB JACK  
TYPE B



⚠ Absolute max per pin 40mA  
reccomended 20mA

⚠ Absolute max 200mA  
for entire package

RESET Button

Cut to disable the auto-reset

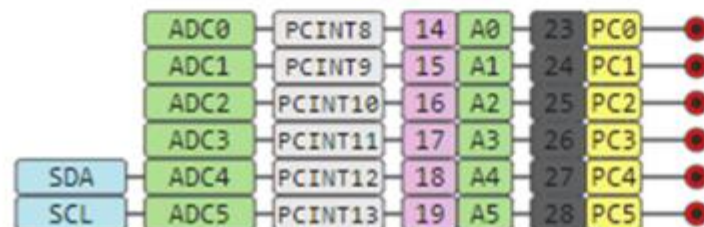
This provides a Logic reference voltage  
for shields that use it. It is connected to the 5V bus.

Not Connected

R3 Only

RESET

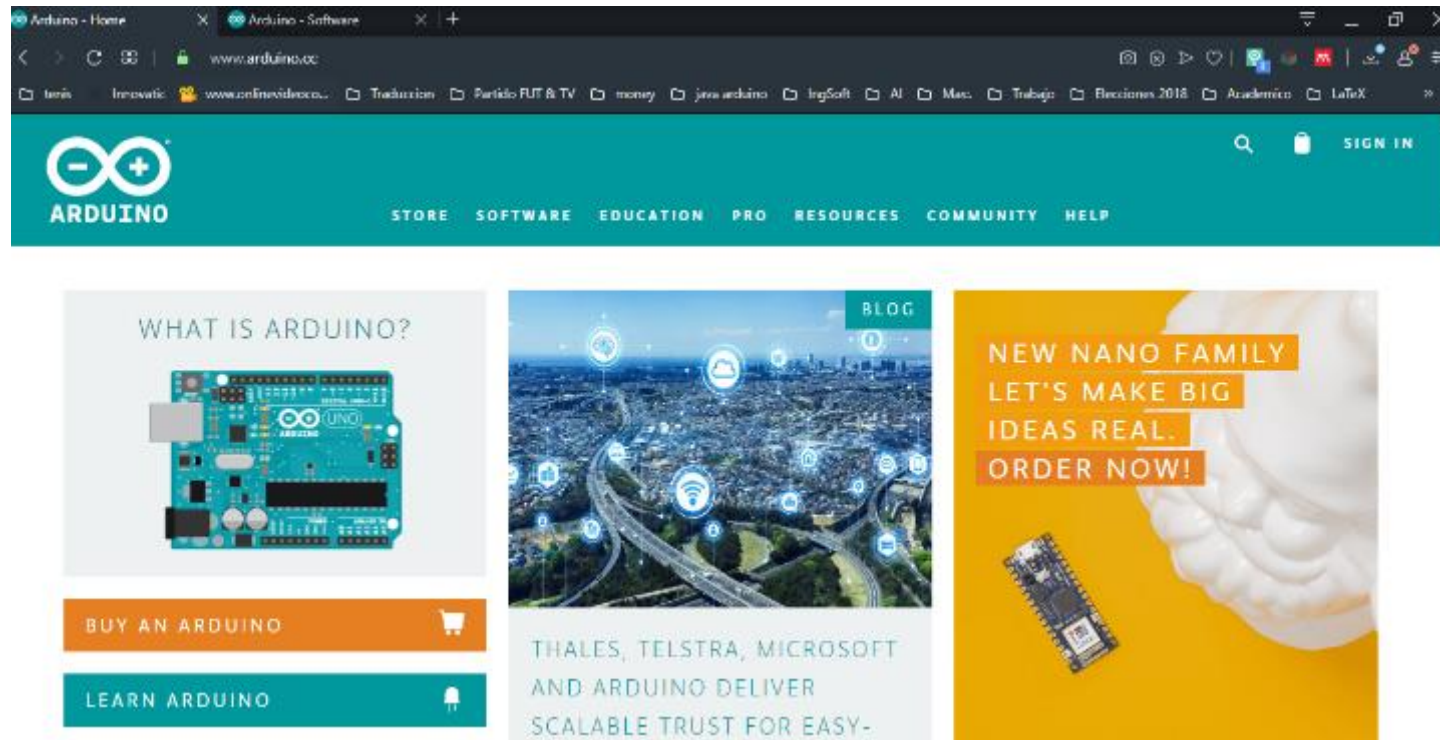
The input voltage to the Arduino board when  
it is running from external power.  
Not USB bus power.





# Descarga e instalación del IDE de Arduino

<https://www.arduino.cc/en/Main/Software>



# Programación

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# Conclusiones

