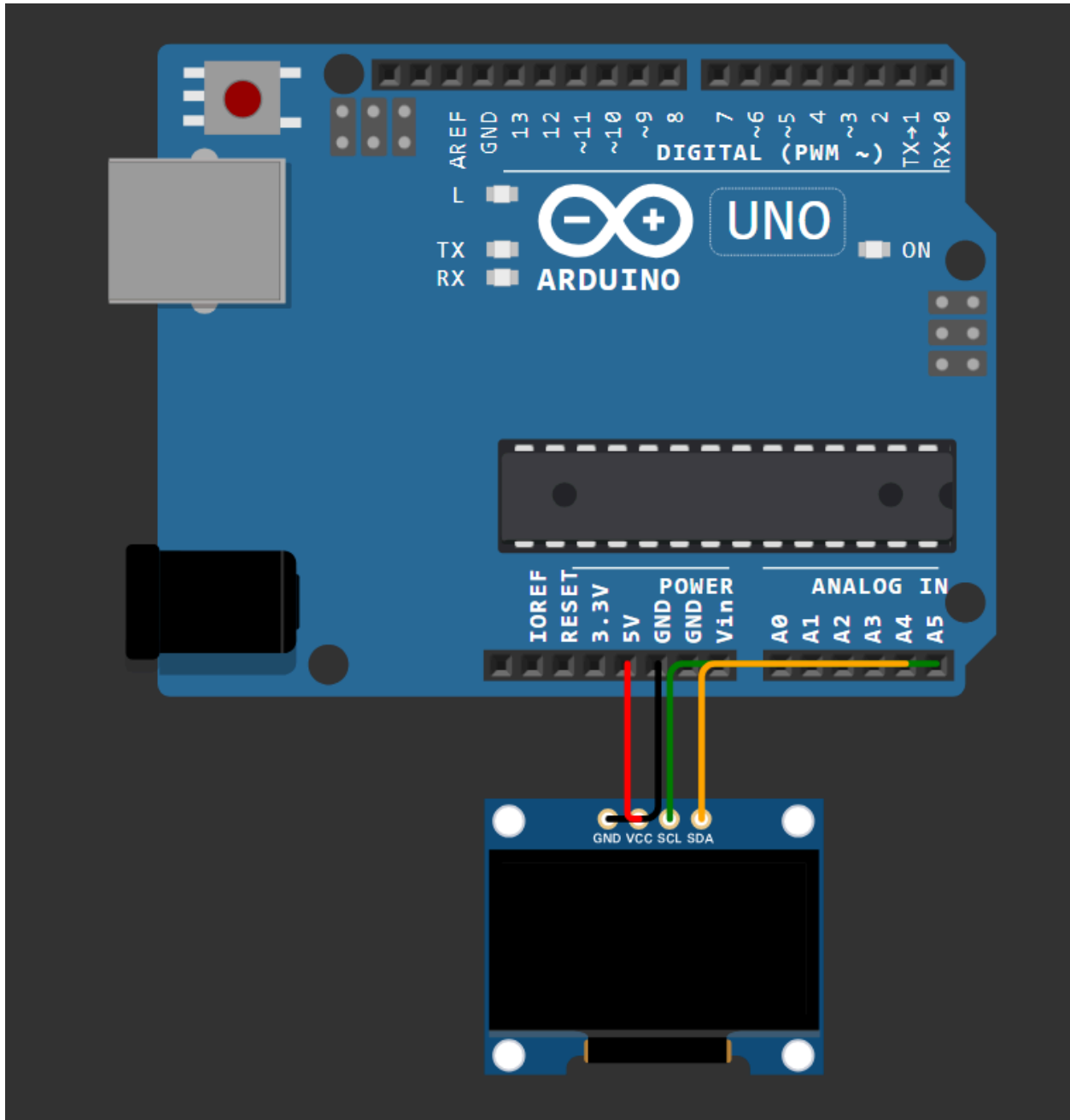


We recommend an Arduino R4 Minima. However, the pictures shown have the Arduino R3. The code is applicable to either. However, we recommend the R4 as it has more pins available. The materials that will be used are:

Libraries	Adafruit GFX Library Adafruit SSD1306
Screen display	SSD1306. However, any screen display would work.
Joystick	An analog joystick can be used. We used a 2 Axis Parallax Joystick
Board	Used an arduino R4 minima

First, connect your screen displays
VCC to 5V.
SCL to A5.
SDA to A4
GND to GND



Afterwards, connect your joystick's pin like the following. Sometimes horizontal will be labeled as L/R and vertical will be labeled as U/D.

Wire the joystick as follows:

VCC to 5V

GND to GND

Horizontal(L/R) to A0

Vertical(U/D) to A1.

(if applicable) SEL to Pin #6.

