

Part 11 of 15



OLED screen 0.91"

A small screen for text and numbers

In your kit: 1x

What is it?

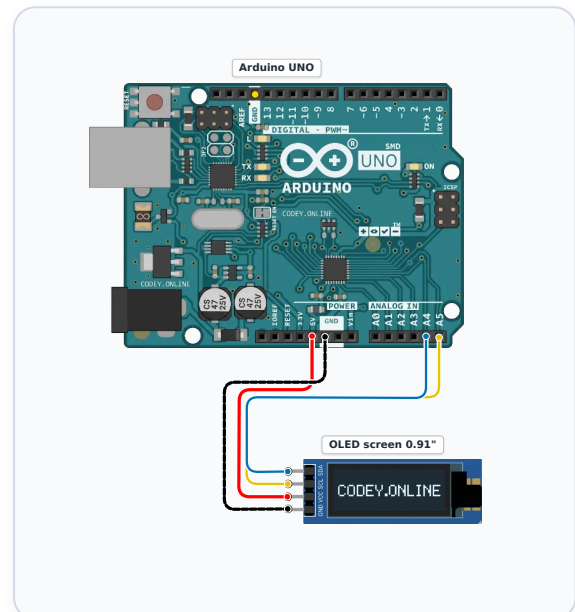
A small, sharp screen with 128 by 32 pixels. You can put text, numbers, and simple drawings on it. For example the temperature or a distance.

This is how you connect it

The screen talks using **I2C**: only two data wires.

- **SDA** to A4
- **SCL** to A5
- **VCC** to 5V
- **GND** to GND

Wiring diagram



- Arduino UNO · A4 → OLED screen 0.91" · SDA
- Arduino UNO · A5 → OLED screen 0.91" · SCL
- Arduino UNO · 5V → OLED screen 0.91" · VCC
- Arduino UNO · GND → OLED screen 0.91" · GND

What can you do with it?

- Show the temperature
- Show the distance in centimeters
- Show a score or reaction time

Tip

Does the screen stay black? Check that SDA and SCL are not swapped.

Projects with this part

★★ Mini weather station

★★ Reaction Game

★★★★ Deluxe parking sensor

★★★★ Smart fan