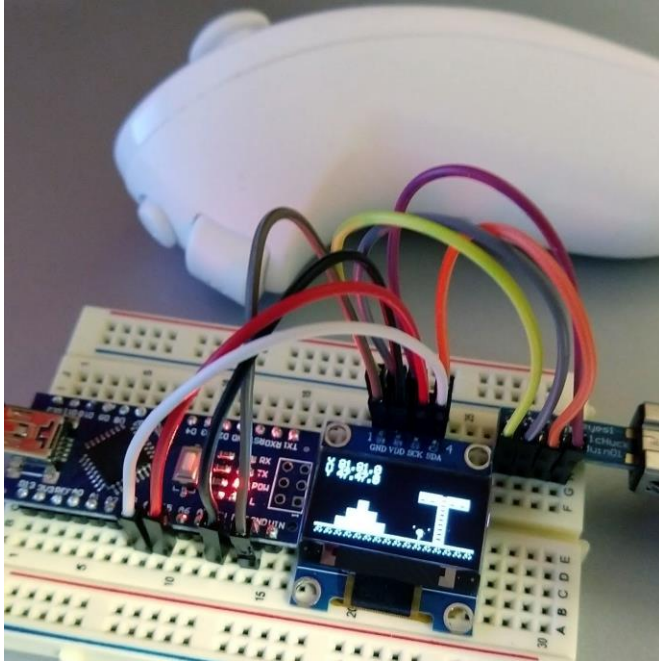


I2CU Game Machine



Wiring Instructions

Wii Controller Board

- + -> VCC on OLED
- -> GND on OLED
- d -> SDA on OLED
- c -> SCK on OLED

OLED

- GND -> GND on Arduino
- VCC -> 5V on Arduino
- SCK -> A5 on Arduino
- SDA -> A4 on Arduino

Parts List

- Arduino Nano - \$2.05
- i2c 128x64 OLED - \$1.76
- Wii Nunchuck i2c Adapter – \$0.27
- 8 x Male to Male 10cm Jumper Wire - \$0.19
- 400 tie point breadboard - \$1.04
- Wii Nunchuck - \$6

Total Cost: Approx. \$11.31

Find the source code at: <https://retrolcd.com/Curriculum/I2CU>

Prices are based on lowest per unit prices found on AliExpress. Prices subject to vary. Shipping costs not included. Most parts can be found on Amazon for reasonable prices as well.

The adapter PCB for the Wii Nunchuck (NunChucky) can be purchased from AdaFruit or the maker for \$3.00

<https://www.adafruit.com/product/345> or <https://solarbotics.com/product/31040/>