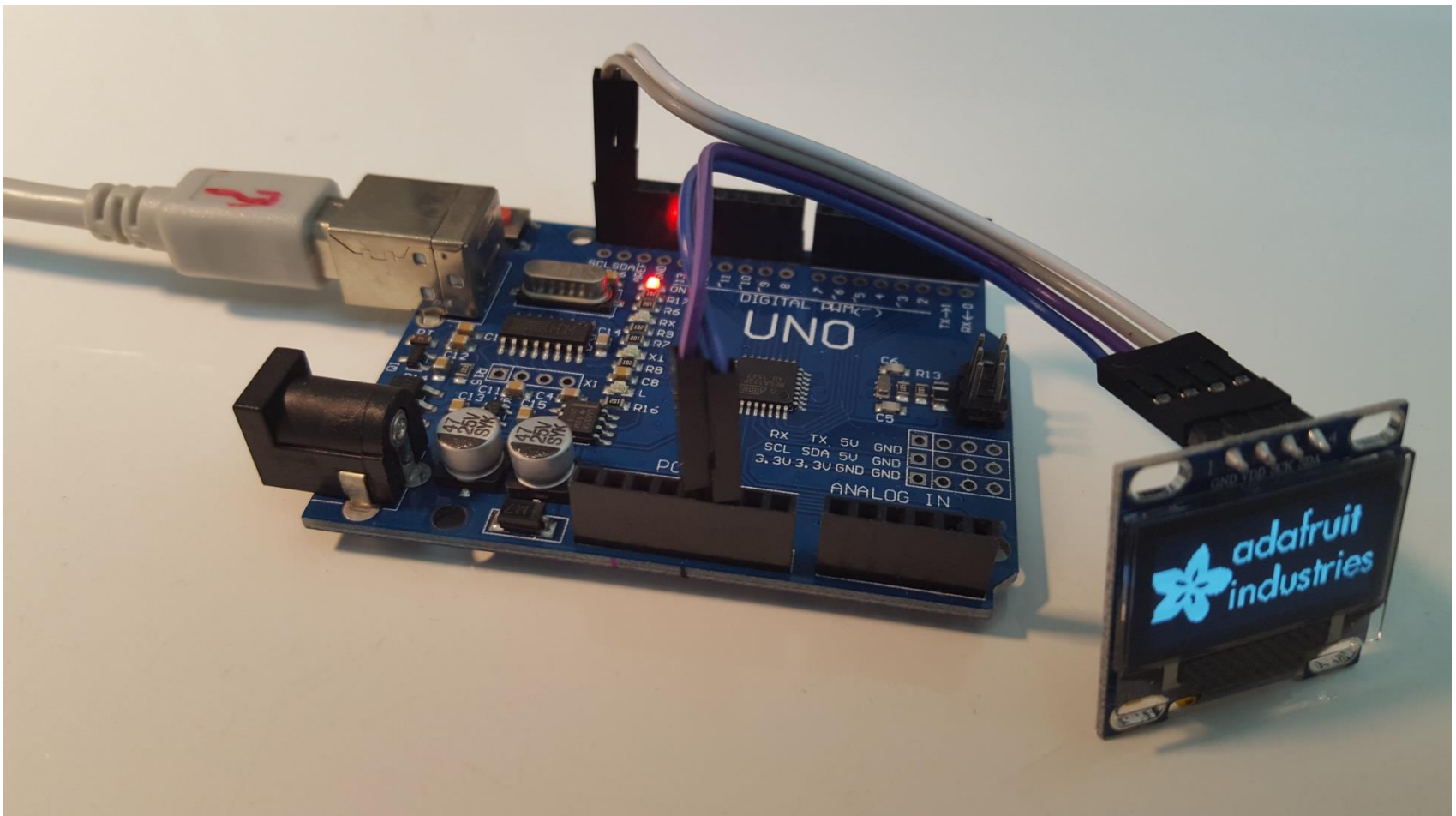
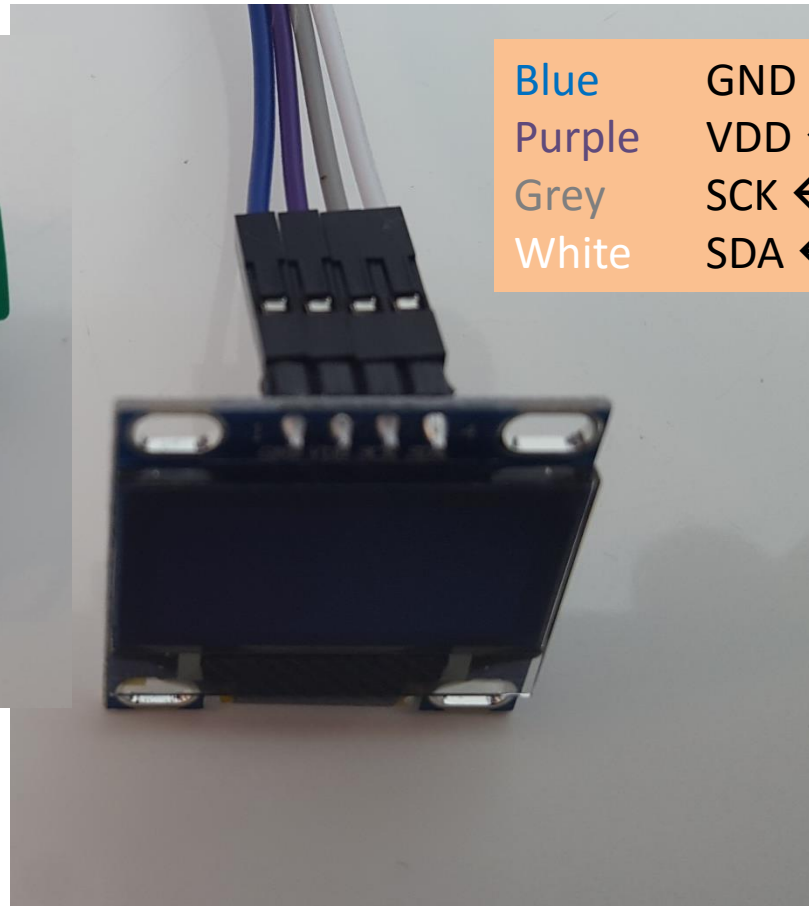
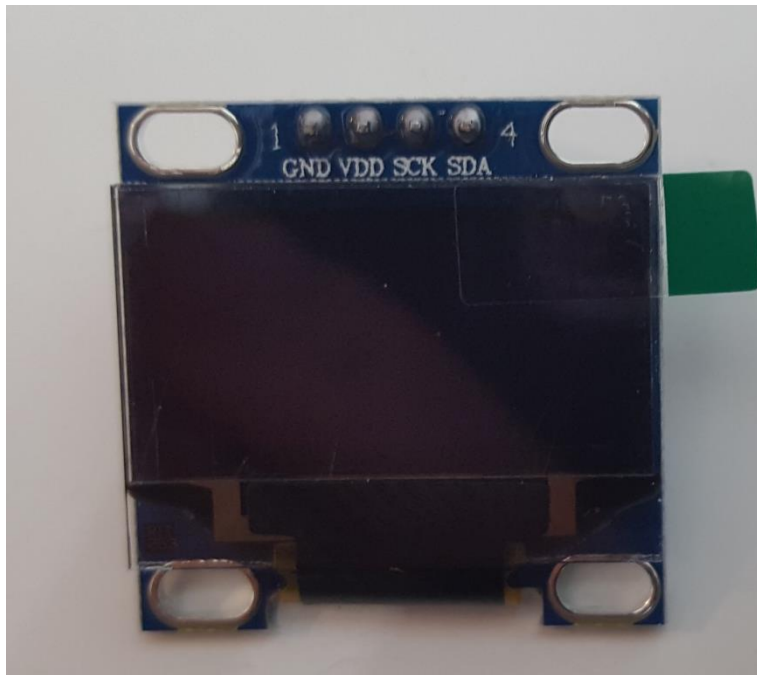


# Tutorial: How to connect and use Adafruit OLED-Display

0.96" I2C IIC SPI Serial 128X64 White OLED LCD LED Display Module for Arduino



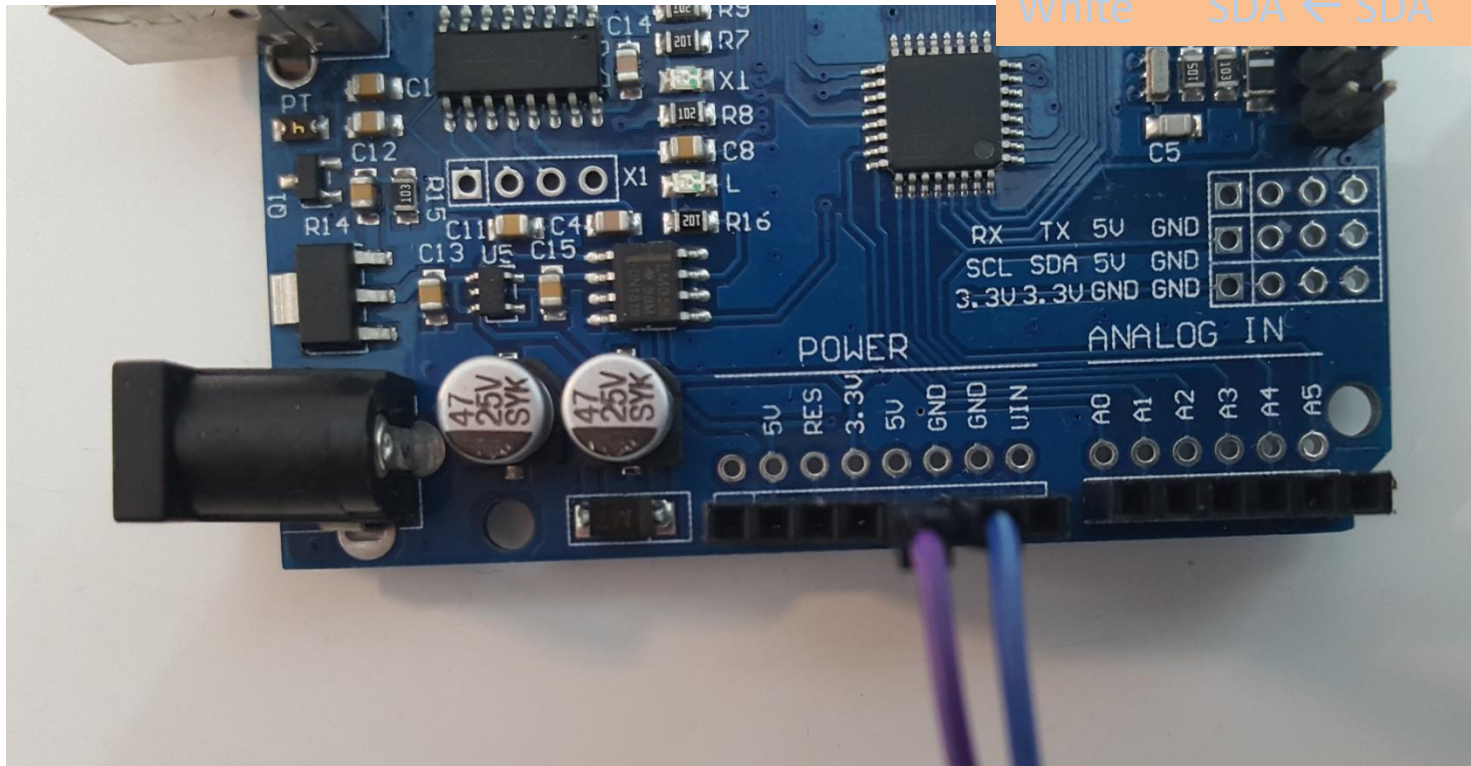
# Wire up Display



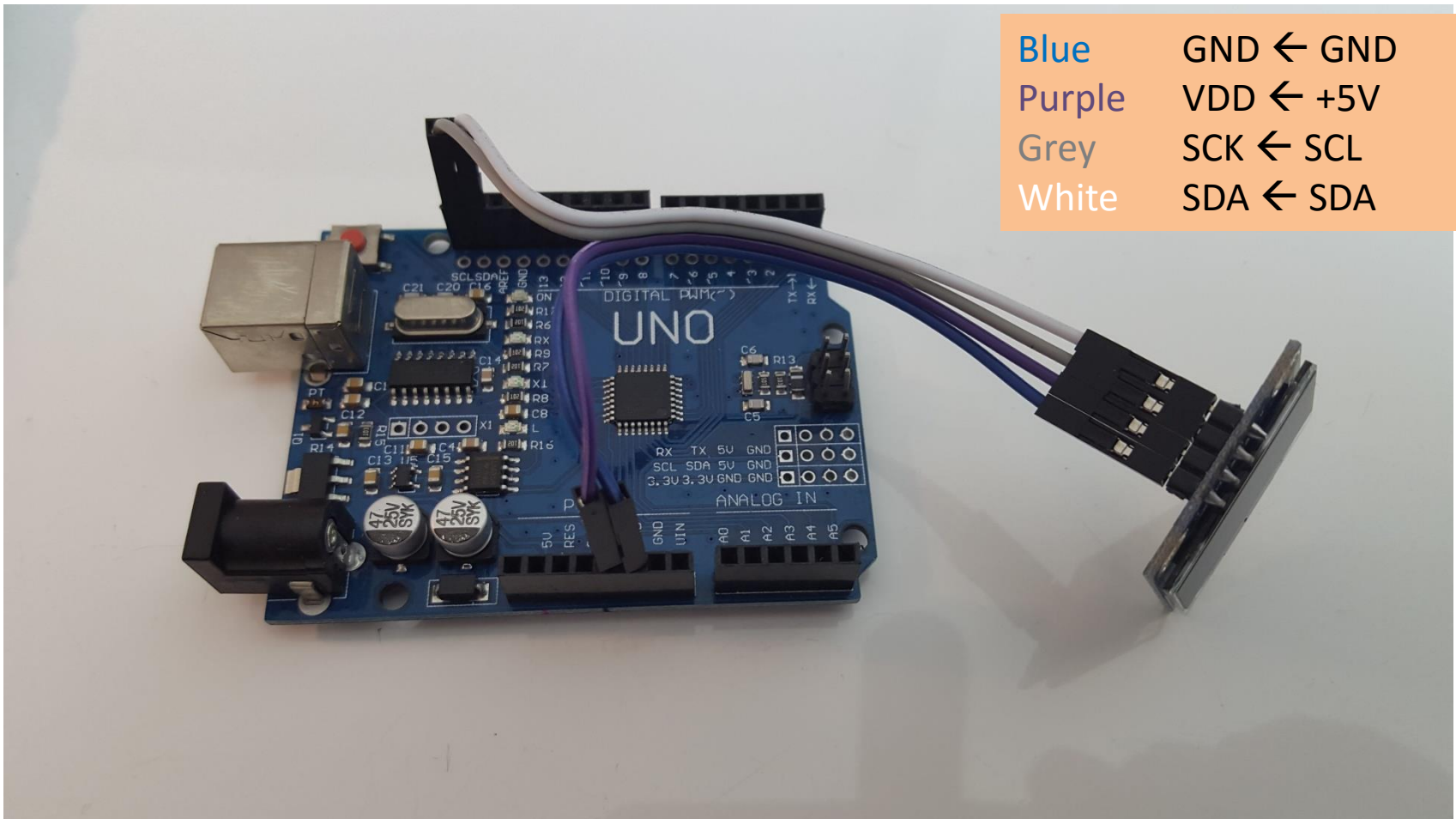
Blue	GND ← GND
Purple	VDD ← +5V
Grey	SCK ← SCL
White	SDA ← SDA

# Connect to Arduino (power)

Blue	GND ← GND
Purple	VDD ← +5V
Grey	SCK ← SCL
White	SDA ← SDA



# ... and I2C-Bus



# Run Sample Application

- **Step 1**

Download the Adafruit Library

[https://github.com/adafruit/Adafruit\\_SSD1306](https://github.com/adafruit/Adafruit_SSD1306)

- **Step 2**

Open Arduino IDE choose **Sketch** > Import Library > Add .ZIP Library...  
and select the file you just downloaded from gitHub.

- **Step 3 (Sample Application)**

Open **File** > Examples > Adafruit SSD1306 > ssd1306\_128x64\_i2c  
and find line

`display.begin(SSD1306_SWITCHCAPVCC, 0x3D); // initialize with the I2C addr 0x3D (for the 128x64)`

and replace address 0x3D by **0x3C**

- **Step 4**

C:\...\Documents\Arduino\libraries\Adafruit\_SSD1306

Open header-file: Adafruit\_SSD1306.h

-----\*/

```
#define SSD1306_128_64  
// #define SSD1306_128_32  
// #define SSD1306_96_16/
```

And make sure that display size is set to 128\_64