SSD1306 OLED DISPLAY
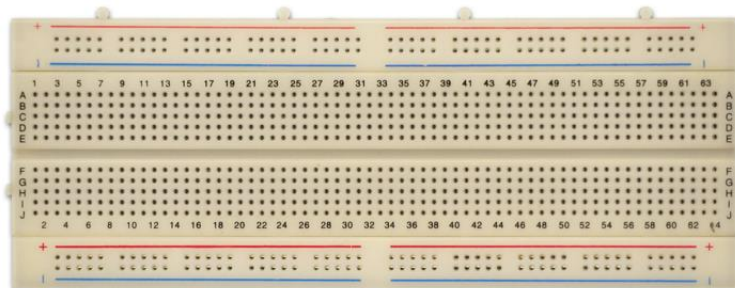
Components

For this experiment you are going to need following components,

- 1 pcs of DIYMALL Arduino Uno board

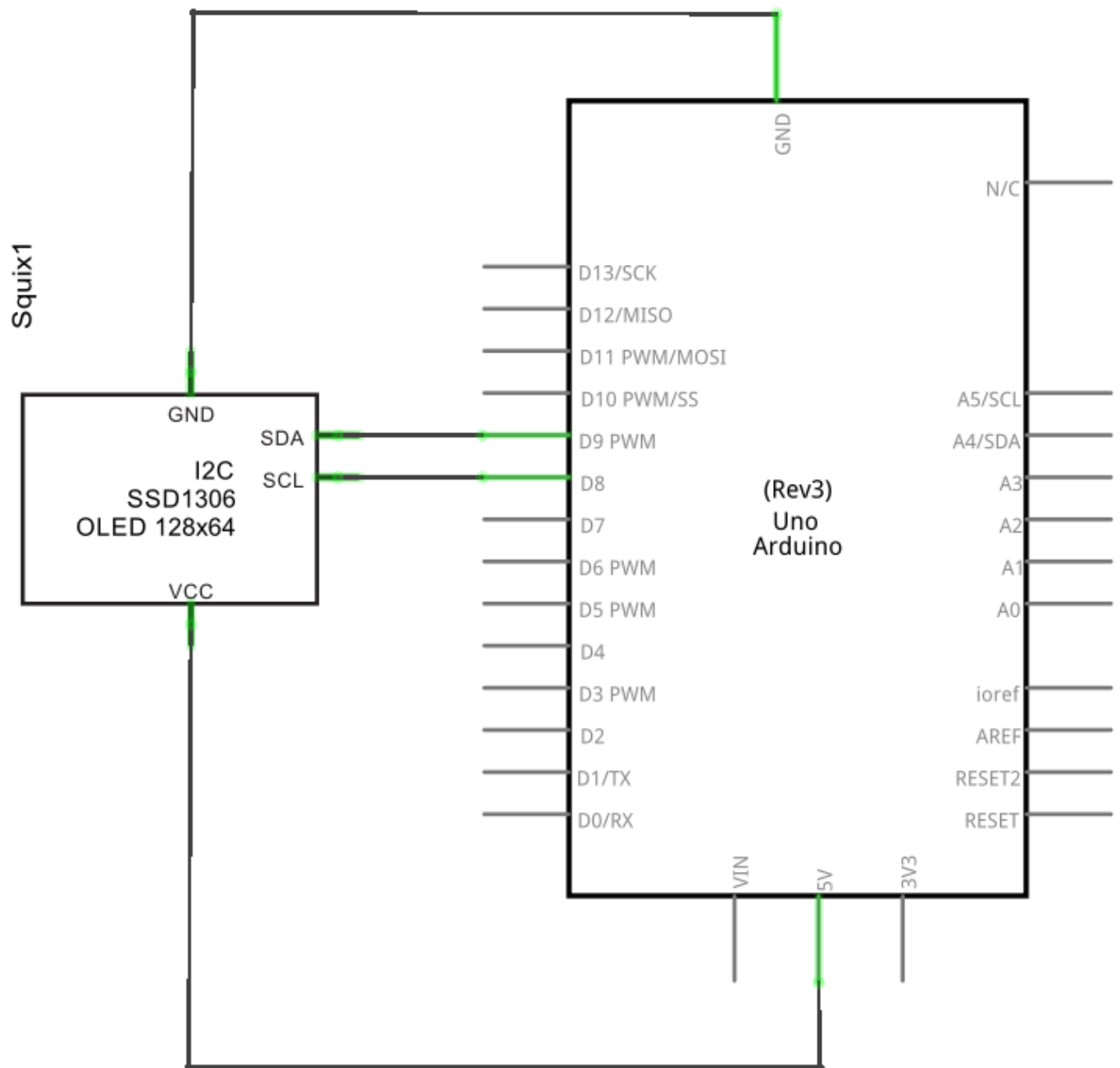- 1 pcs of solder less bread board

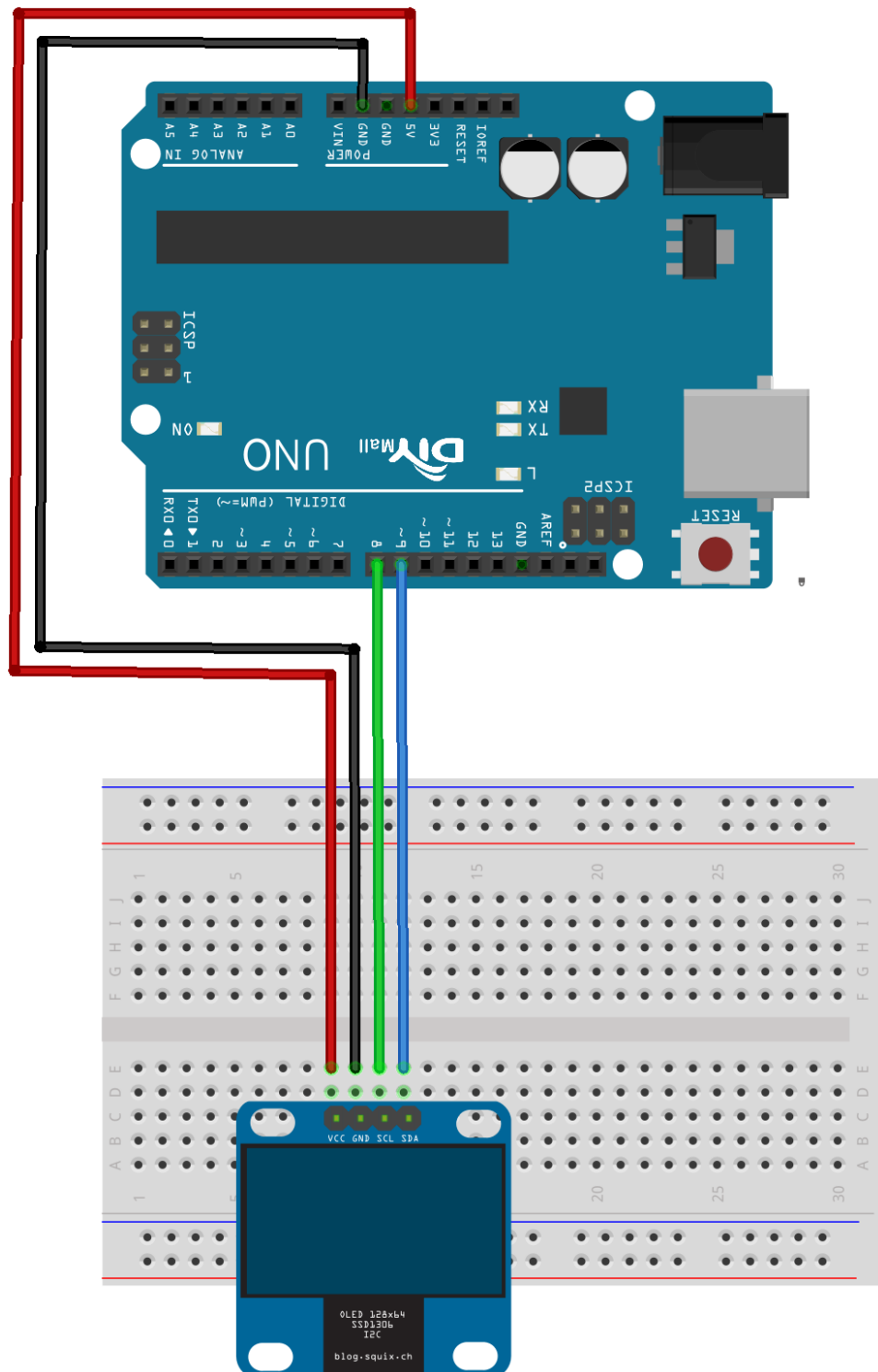- 1 pcs of SSD1306 OLED display

- Bread board jumpers

Schematic

Connection

Circuit Explanation

Vcc and GNd pins of the display is connected to Arduino 5V and GND. SCL pin is connected to arduino pin 8 & SDA pin is connected to arduino digital pin 9

Installing Libraries

There are two folders in the folder called libraries copy those folders and past them in arduino sketch folder >> libraries (arduino sketch folder is normally located in (my) documents)

Arduino Code

```
#include <Adafruit_ssd1306syp.h>

#define SDA_PIN 9

#define SCL_PIN 8

Adafruit_ssd1306syp display(SDA_PIN,SCL_PIN);

void setup()

{

  delay(1000);

  display.initialize();

}

void loop()

{

    display.clear();

  display.setTextSize(4);

  display.setTextColor(WHITE);

  display.setCursor(0,0);

  display.println("DIYMALLS");

 display.update();

  delay(2000);
```

```
    display.clear();

}
```

- ✓ Upload the code
- ✓ Text "DIYMALLS" should appear on the display

If you have any problem regarding this tutorial or the module feel free to contact out tech support department

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