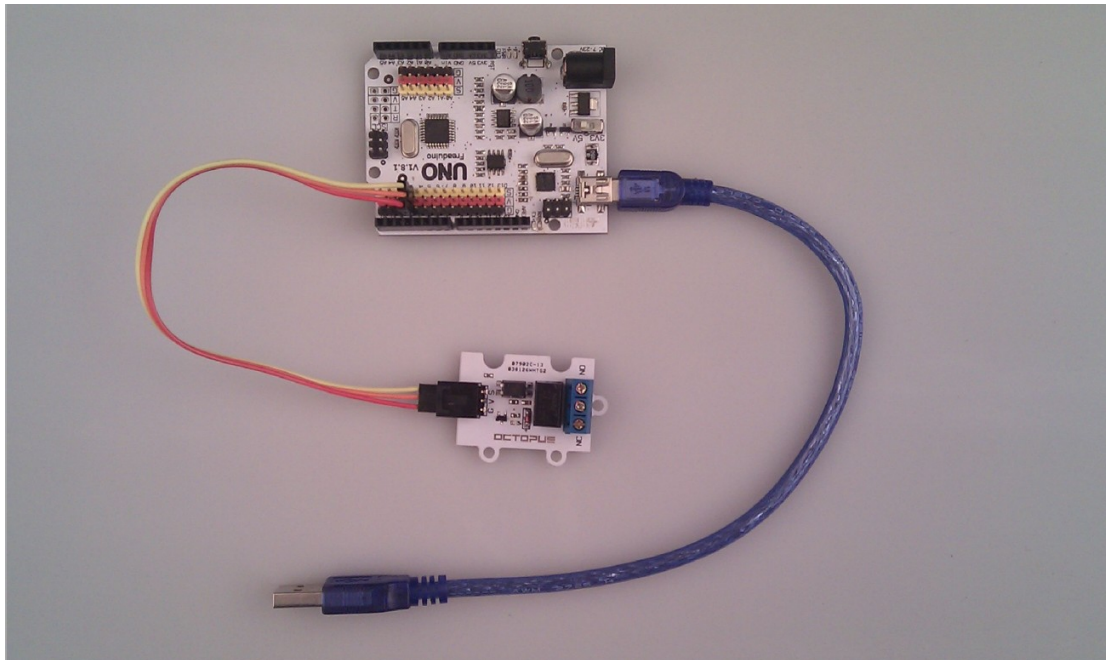


# OCTOPUS 1Channel Relay User Guide

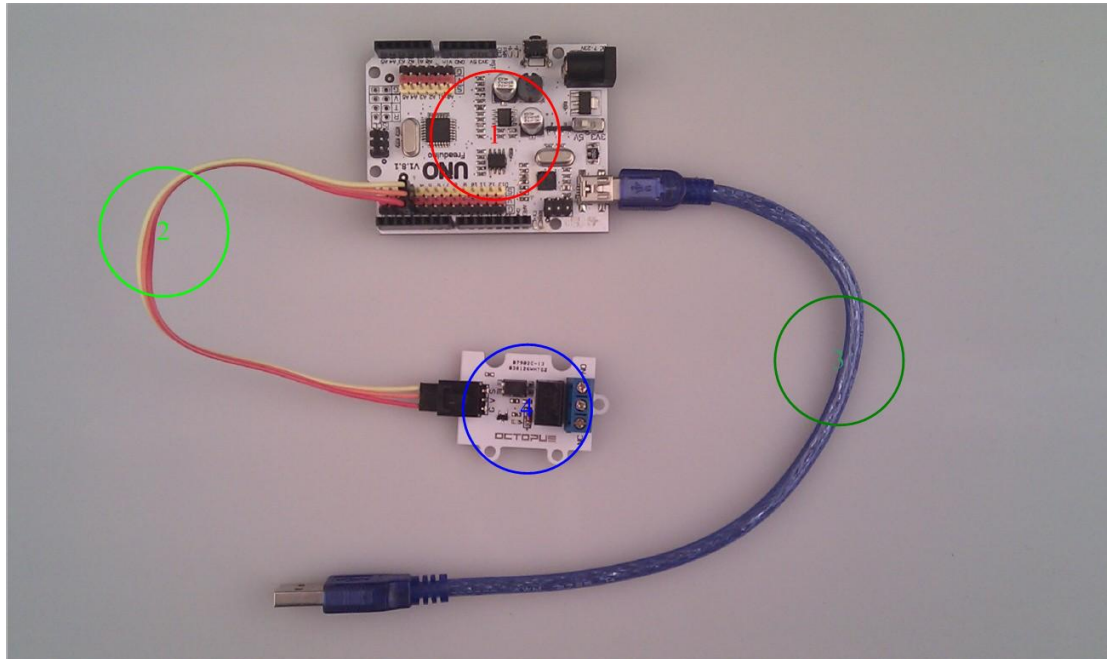
## OCTOPUS 1Channel Relay Description

OCTOPUS 1Channel Relay is a single relay octopus brick, and this board inherits unique outlook design and the standard 3Pin interface from our series of Octopus products, delicate and easy to use. What's more, with opto-isolation circuit, our module can completely isolate the relay controlling signal and the controlled signal, secure and dependable. Until now, this module has been widely used in the field of smart home and industrial control.



## Hardware and software preparation

---



### Hardware:

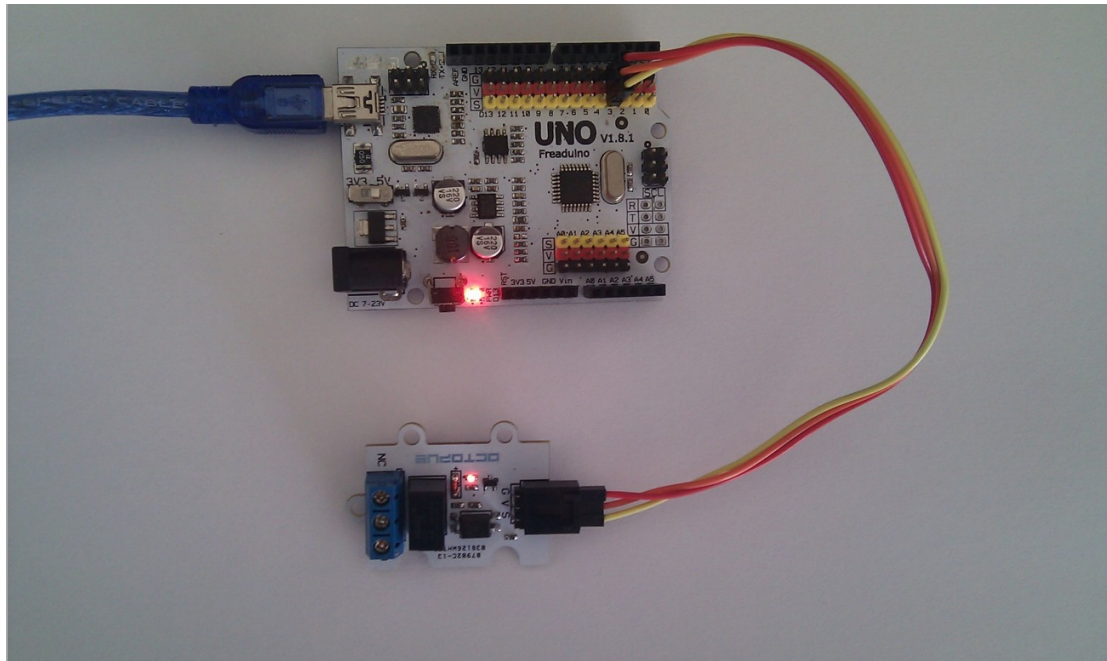
- 1、Arduino UNO mainboard
- 2、3PIN jumper wire
- 3、USB cable
- 4、OCTOPUS 1Channel Relay Module

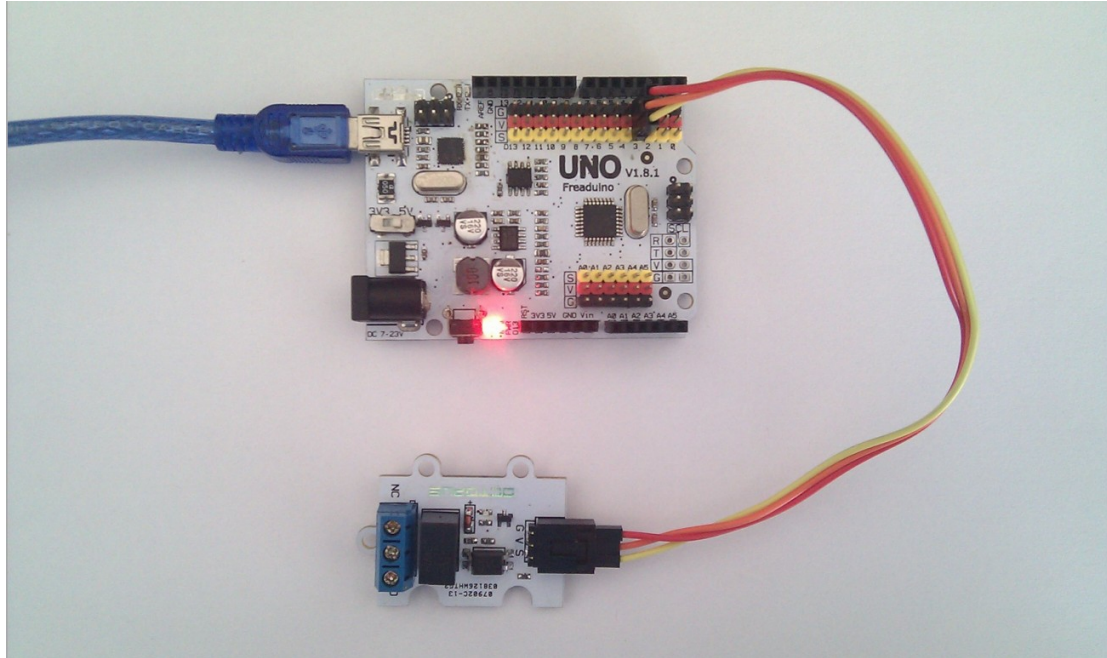
### Software:

- 1、Relay test code
- 2、Arduino IDE

## Part 1 OCTOPUS 1Channel Relay TEST

1. Download the relay test code from our official website (A file zip named "Paintcode" )
2. Copy the unzipped file of "Paintcode" into Arduino IDE, and then compile and upload the code. After uploading succeed, the signal indicator on the board would be on or off every 1 second, which means the module has normally worked.





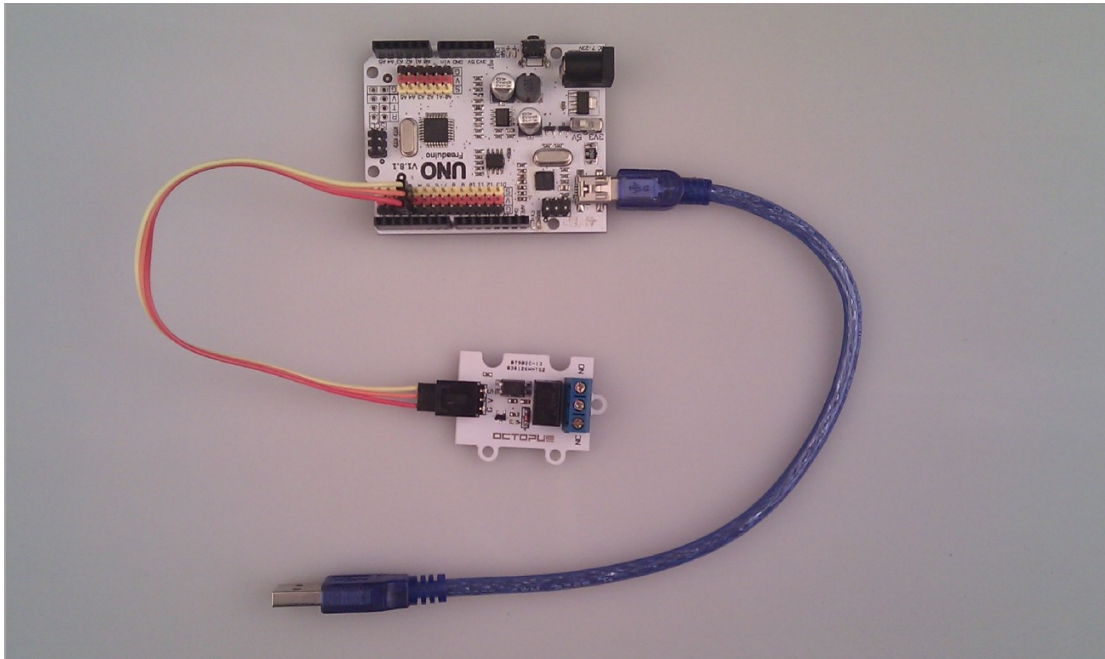
**Note:**

1、 Do not reverse or mis-connect G-V-S, or it will cause damage to the module



## Part 2 OCTOPUS 1Channel Relay Connecting

### Step 1. Connecting diagram



1Channel Relay Module and Arduino UNO Connecting Chart

OCTOPUS 1Channel Relay Module	Arduino UNO mainboard
G	GND
V	+5V
S	D3