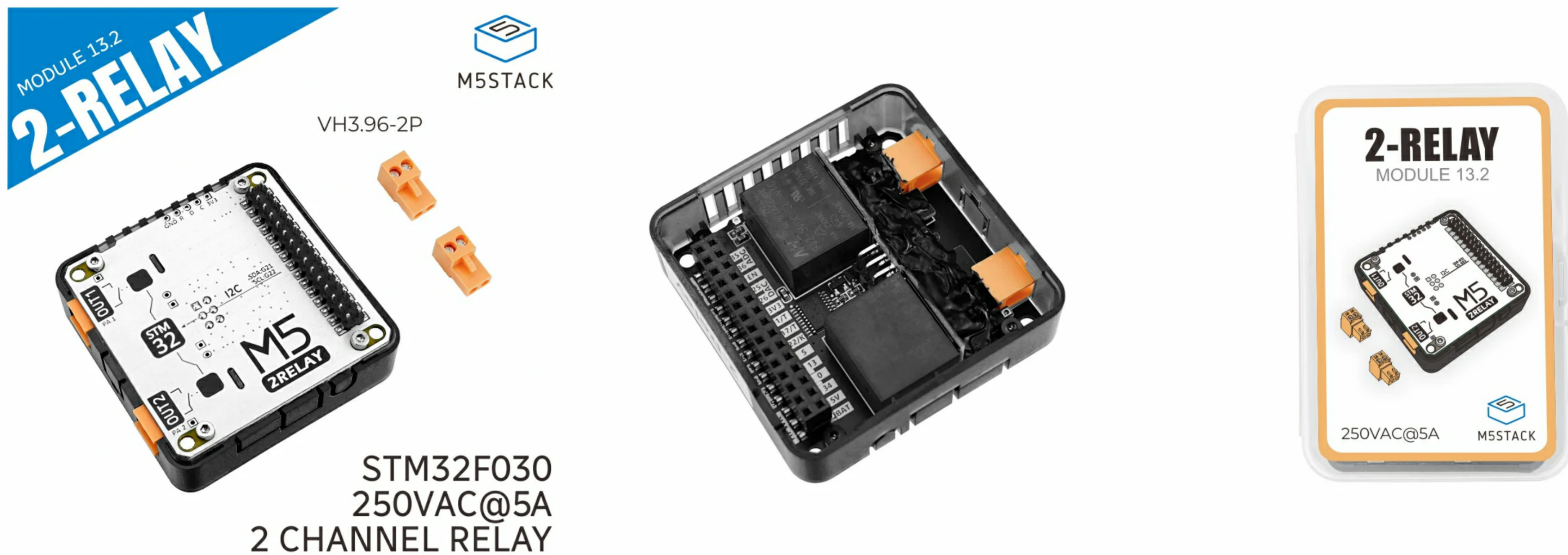


# 2Relay 13.2 Module

SKU:M124



## Description

2-Relay 13.2 Module is a 2-Channel AC Relay module, supports 250V/5A per channel. This module conforms to 13.2mm thickness, with onboard STM32F030 for I2C communication.

## Features

- STM32F030F4
- I2C communication (address: 0x26)
- 2-Relay
- Power input (supports AC/DC input)
- Programming platform: Arduino/UIFLOW

## Includes

- 1×2-RELAY MODULE
- 2x VH3.96-2P Header

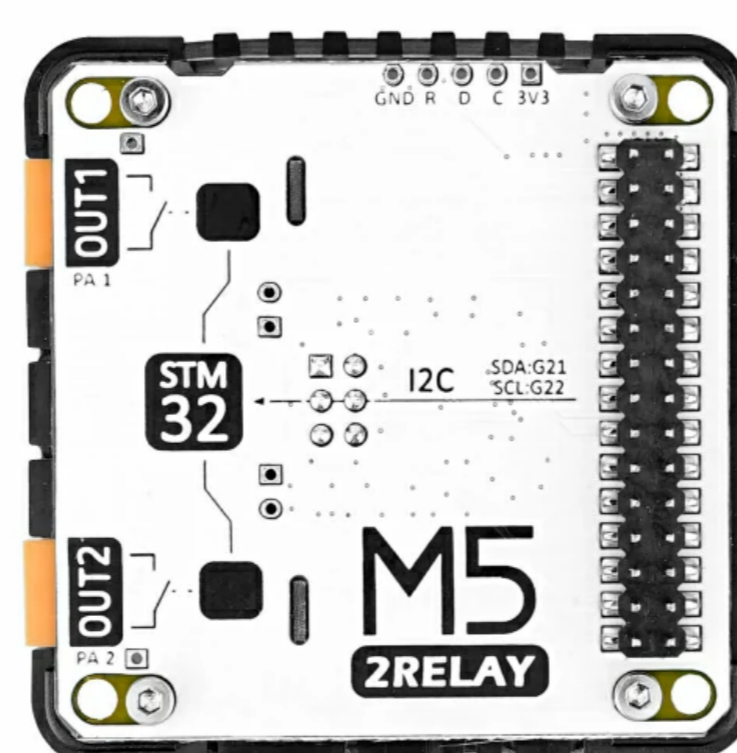
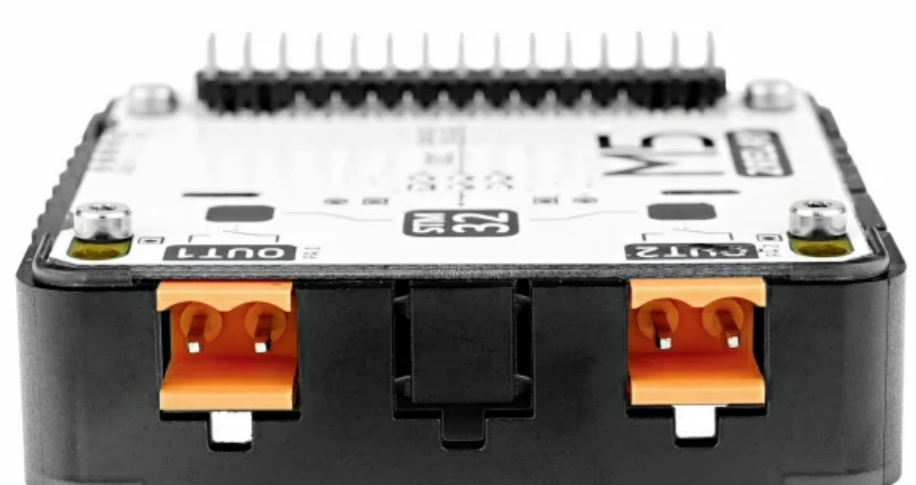
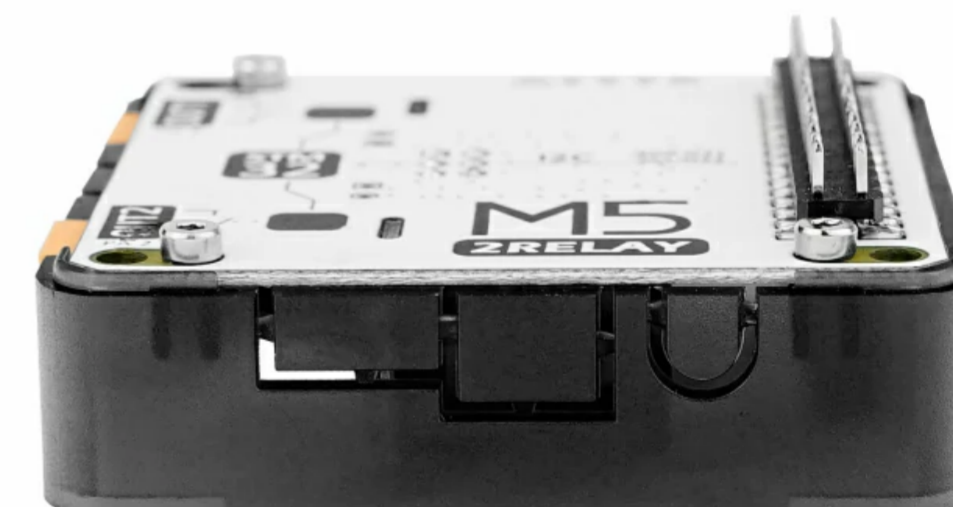
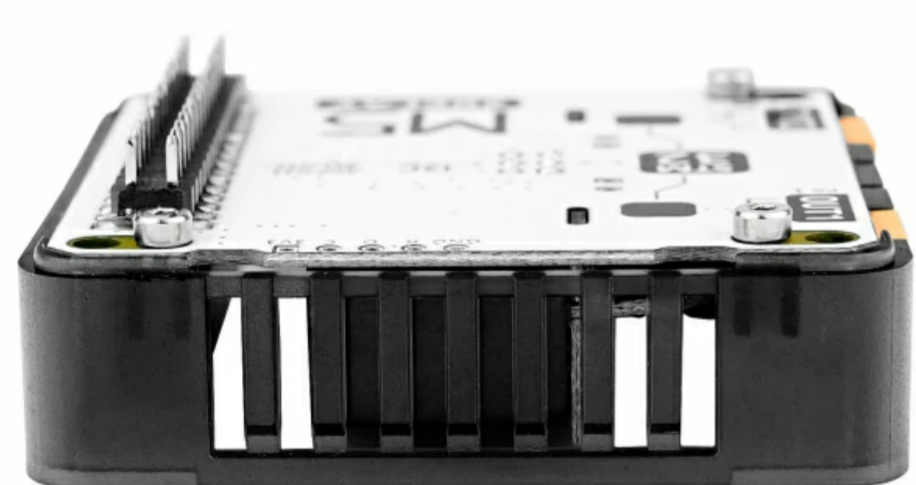
## Applications

- On/Off control
- Solenoid valve control

- DC control load on/off
- Remote IoT Switch

## Specification

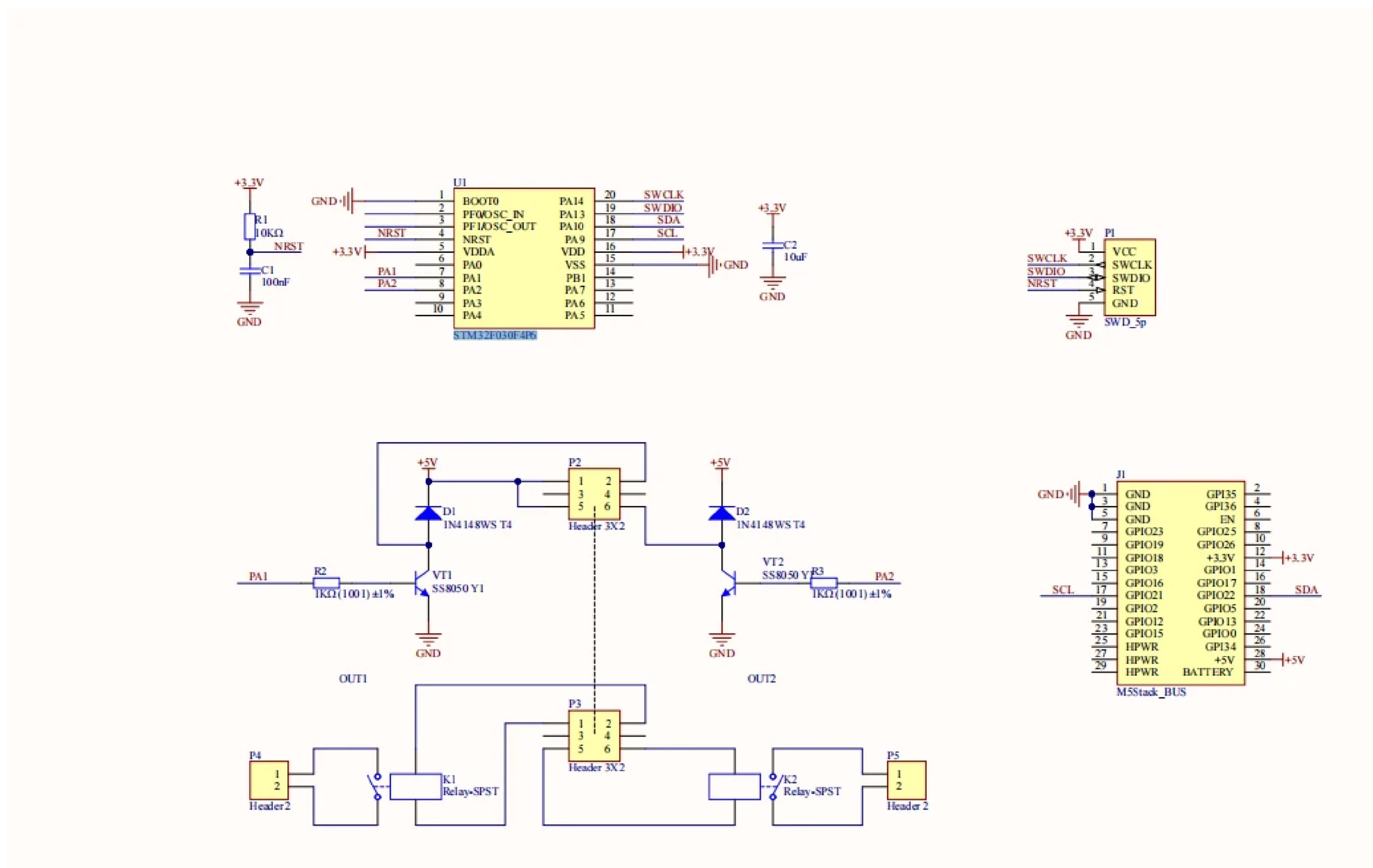
Resources	Parameters
MCU	STM32F030F4P6
Actuator	2 RELAY
Electrical Characteristics	AC/DC
Contact material	AgSnO2
CH Maximum power	250VAC @ 5A
Contact resistance	$\leq 100\text{m}\Omega$
Product Size	54mm × 54mm × 19.7mm (外壳高13.2mm)
Package Size	95mm × 65mm × 25mm
Product Weight	33.4g
Package Weight	35.6g



# Related Link

- [932-5VDC-SL-AH RELAY](#)
- [STM32F030F4P6](#)

# Schematic



# Module Size

# module size

# Examples

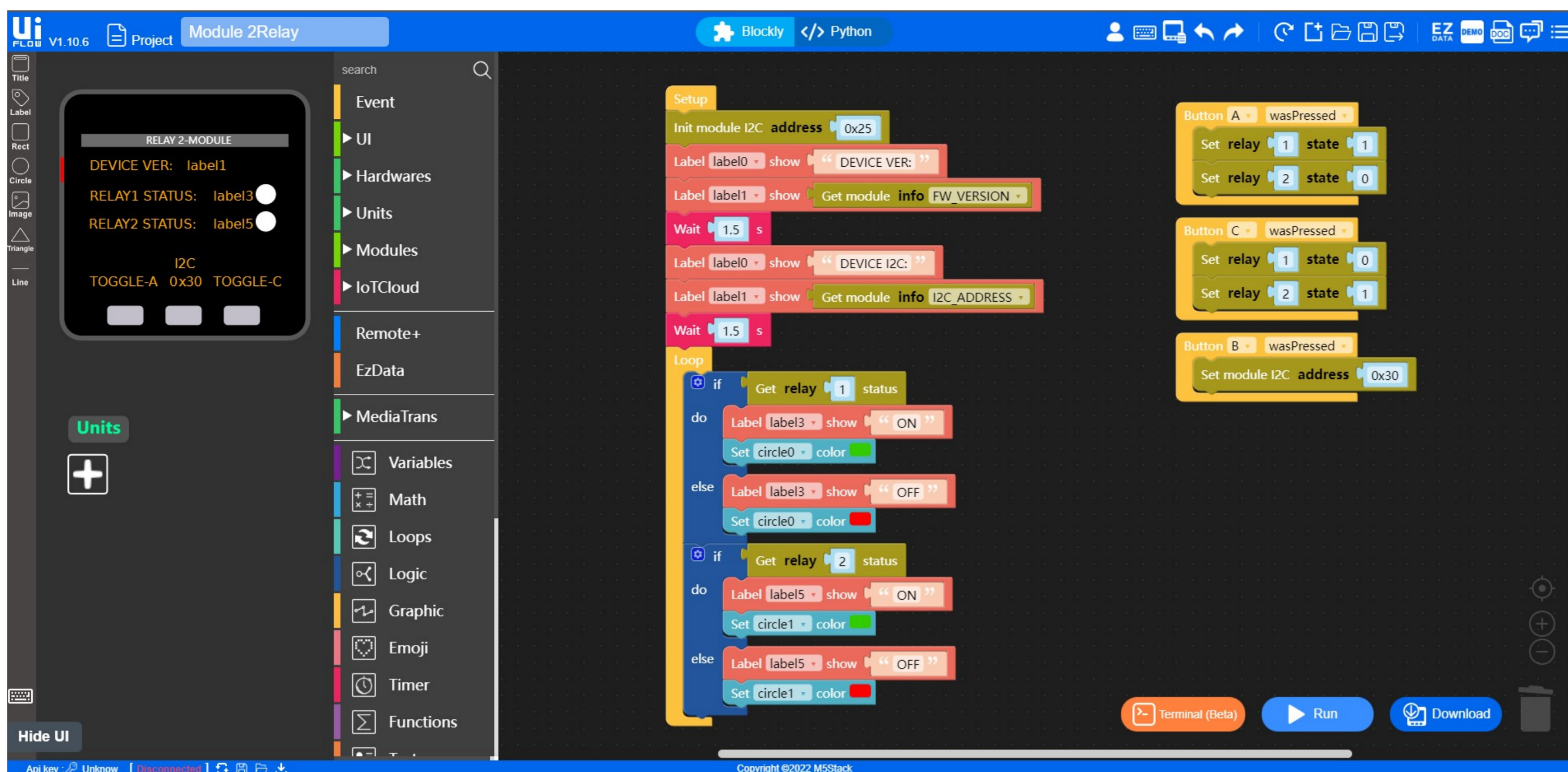
## Arduino

- [2Relay Control Demo](#)
- [Config 2Relay I2C Address Demo](#)

REG MAP (Addr:0x25)	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	note
RELAY control	0x00	Relay0	Relay1														Relay: 1: on; 0: off
Firmware version	0xF0														Version		Version: firmware version
I2C Address	0xF0														Addr		Addr: I2C address: 0~127

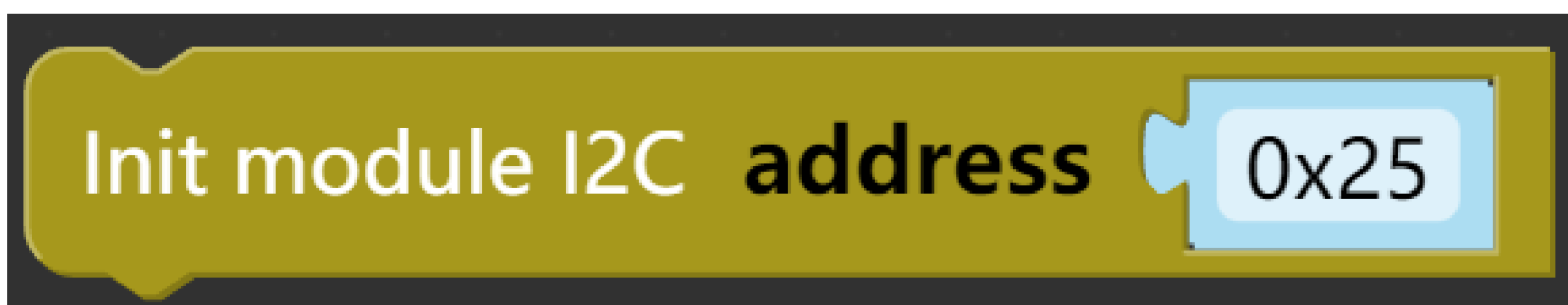
# UIFlow

- Opposite Toggle Operation For 2 Relay

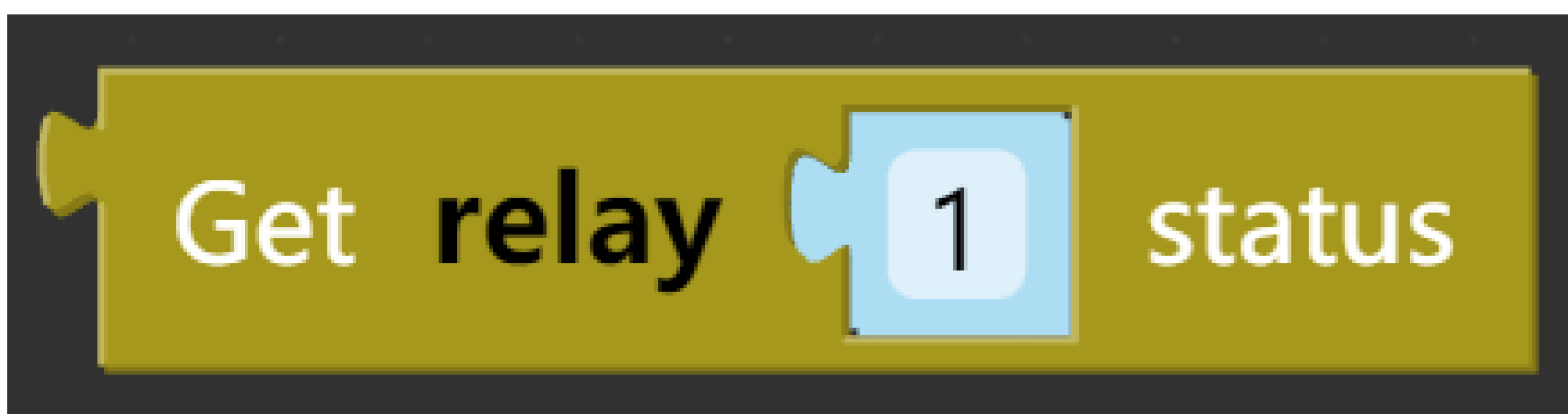


## UIFlow Blocks

- init module address to connect



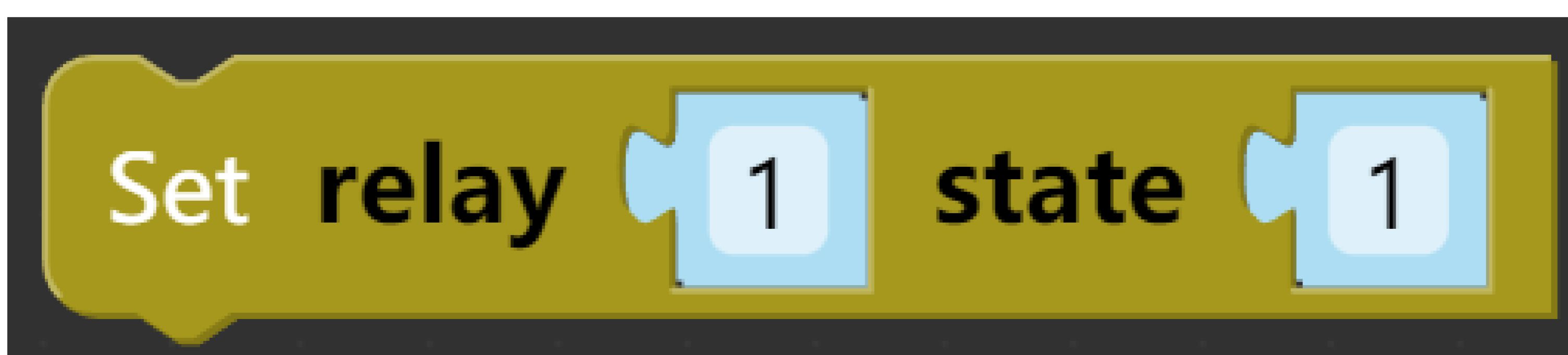
- get relay status



- get module info (firmware version / I2C address)



- set relay state



- set module I2C address

Set module I2C address

0x25