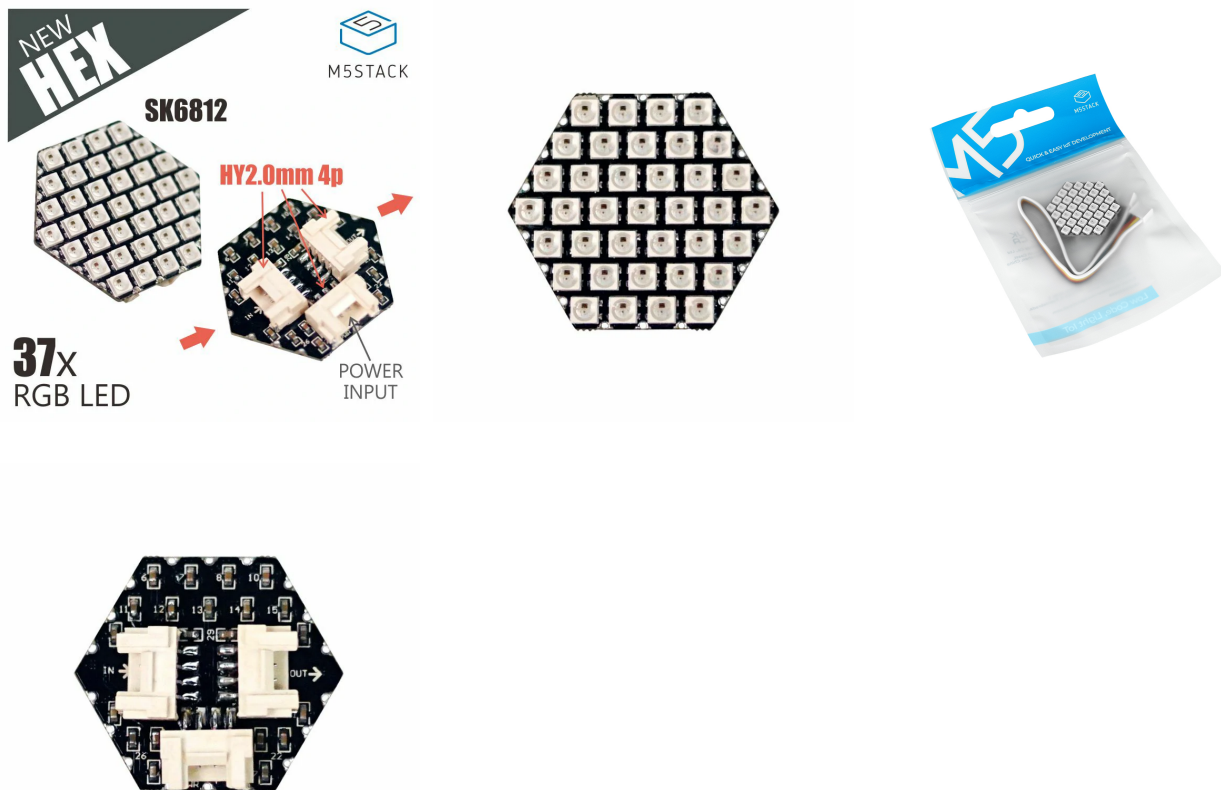


# Unit HEX

SKU:A045



## Description

**Unit HEX** is a hexagonal RGB LED light board. It embeds a total of 37 RGB LED beads and provides input and output ports, which means you can connect multiple RGB LEDs in series.

## Features

- Number of LED colors: 16.7 million
- Development platforms: Arduino, UIFlow (Blockly & Python)

## Includes

- 1 x Unit HEX
- 1 x HY2.0-4P Grove cable (20cm)

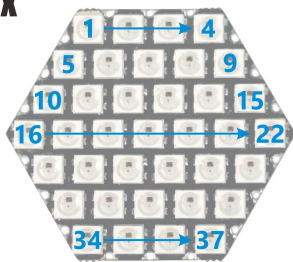
# Specifications

Specification	Parameter
RGB LED	SK6812 x 37
Product Size	31.2 x 36.0 x 7.0mm
Product Weight	4.6g
Package Size	138.0 x 93.0 x 12.0mm
Gross Weight	10.0g

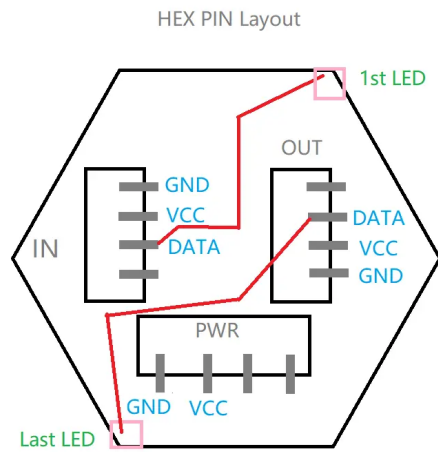
# Learn

The following is the LED layout sorting method in the HEX light board.

## Led Index



# Schematics Diagram

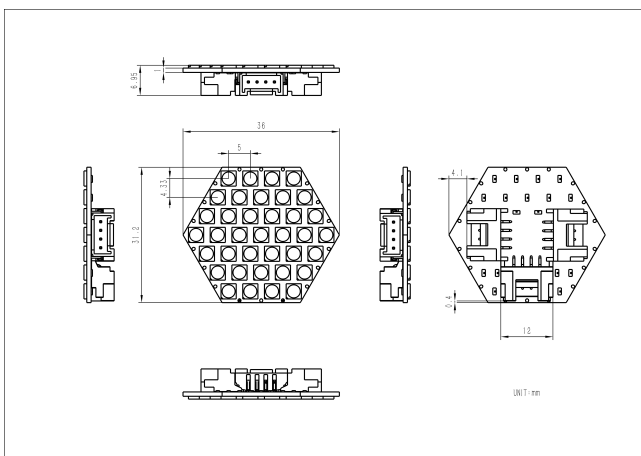


## PinMap

### Unit HEX

HY2.0-4P	Black	Red	Yellow	White
PORT.B	GND	5V	LED Signal	/

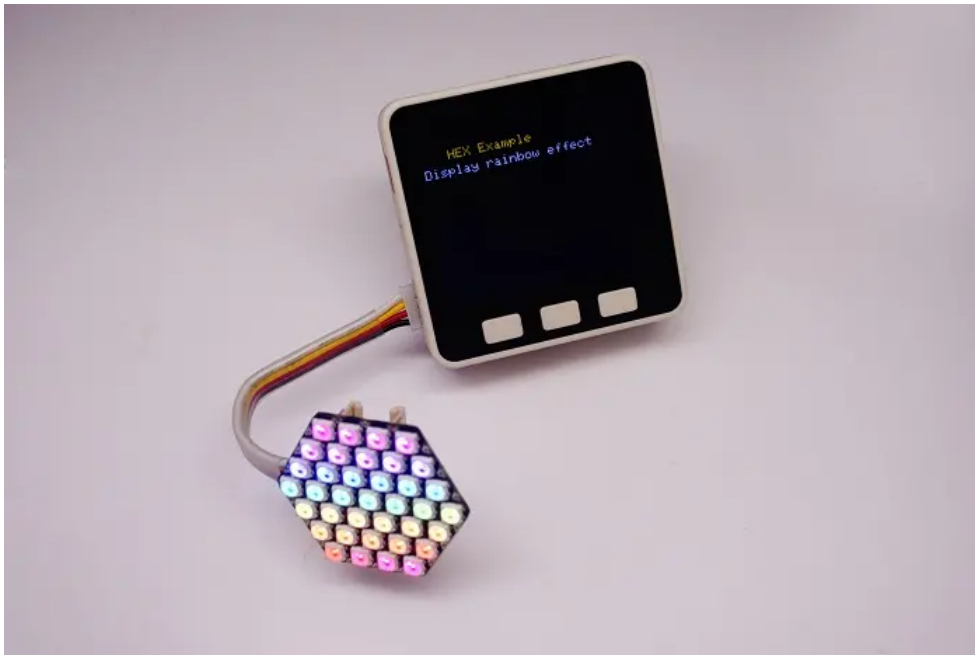
## Model Size



## Softwares

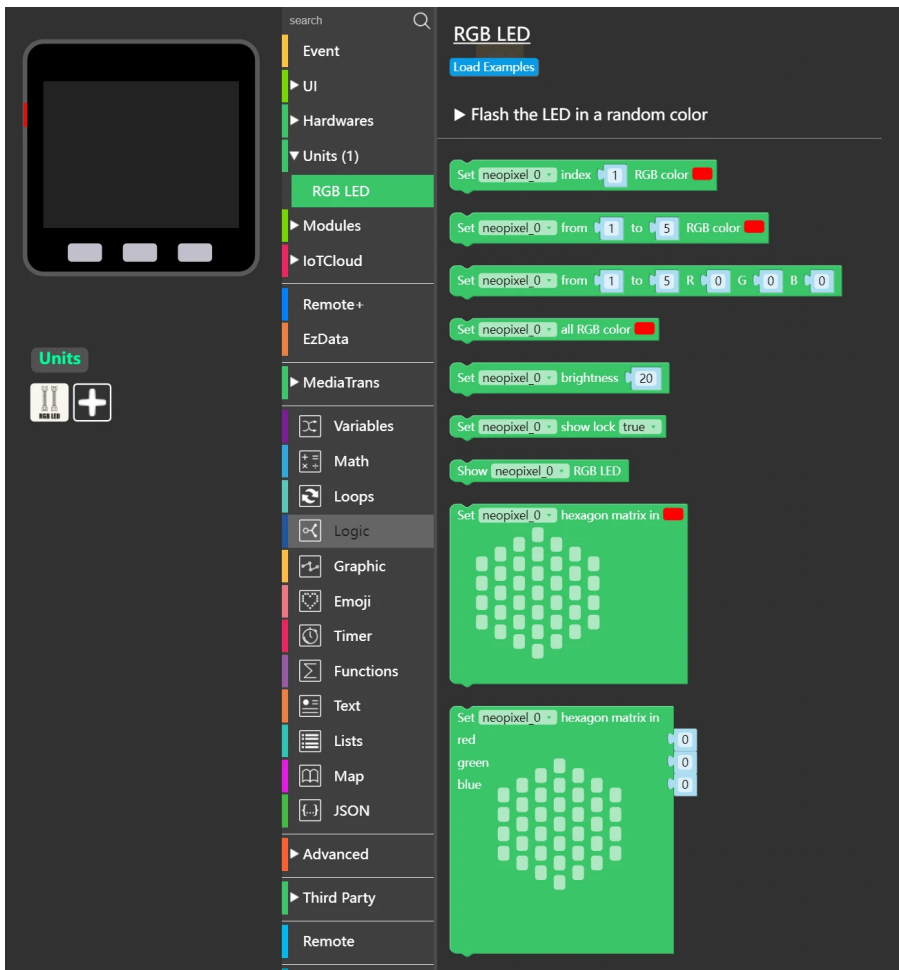
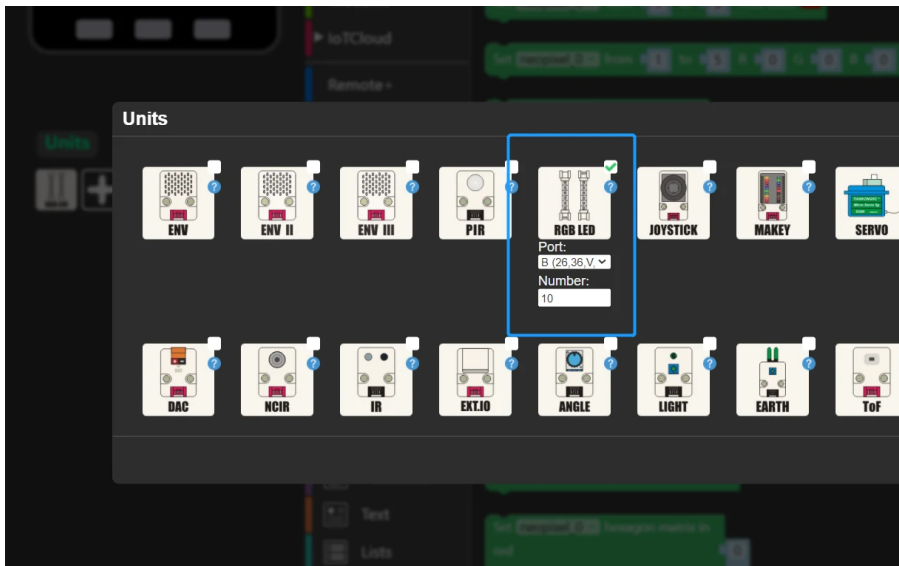
### Arduino

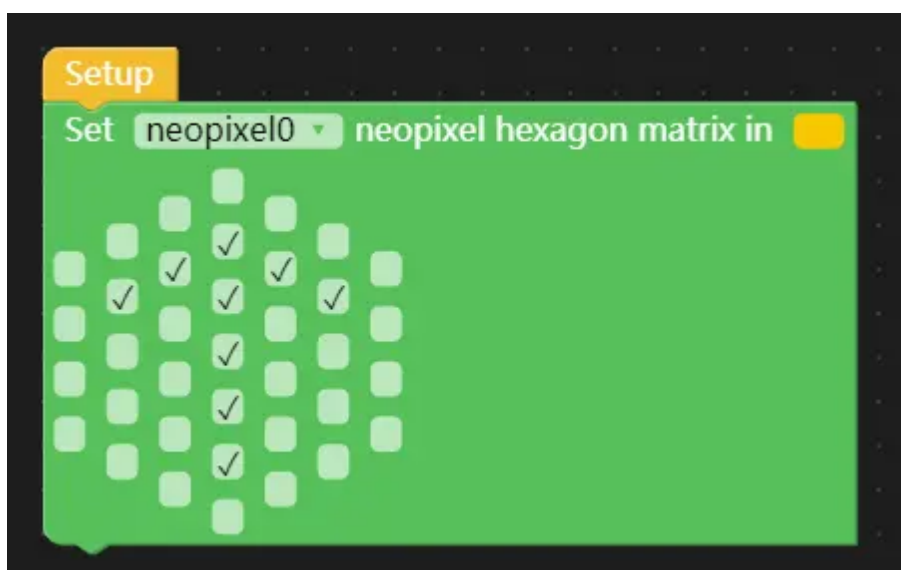
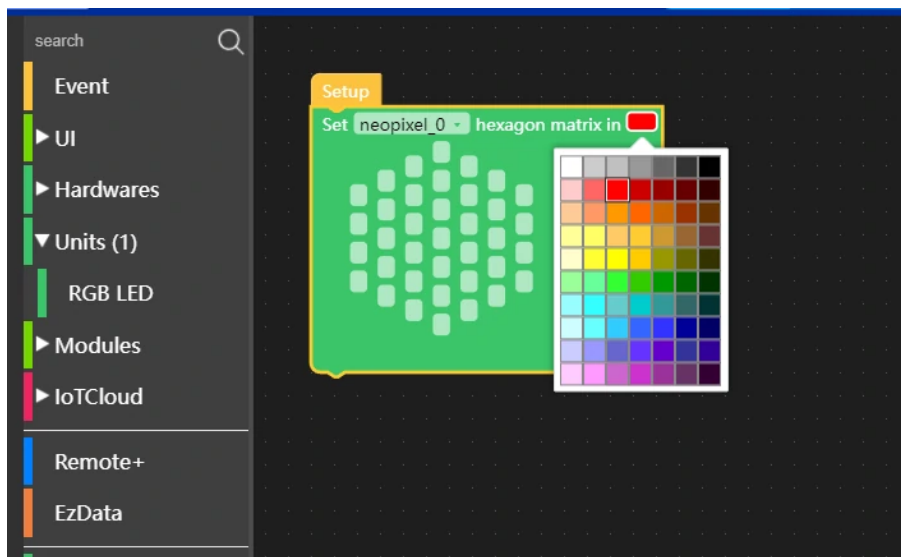
- [FastLED Arduino Library](#)
- [Unit HEX Test Example](#)

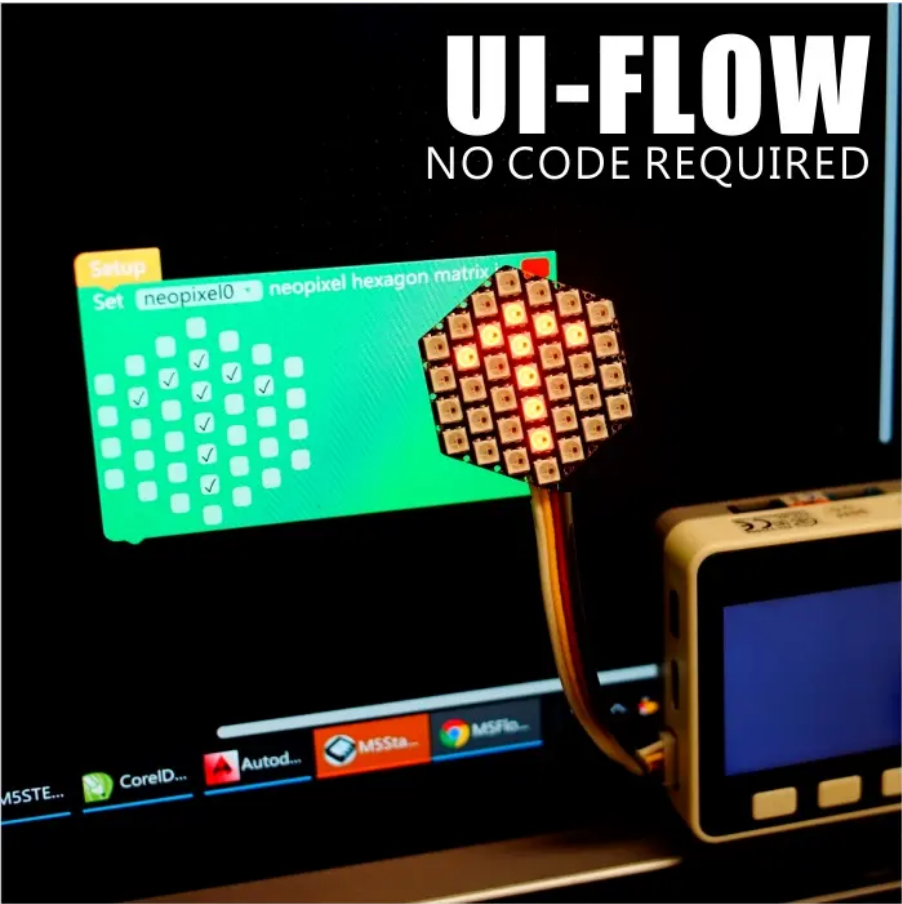


## UiFlow1

- [Unit HEX Test Example](#)







## EasyLoader

Easyloader	Download Link	Remarks
Unit HEX Test Easyloader	<a href="#">download</a>	/

## Video

[HEX\\_UNIT.mp4](#)