



wikit.co

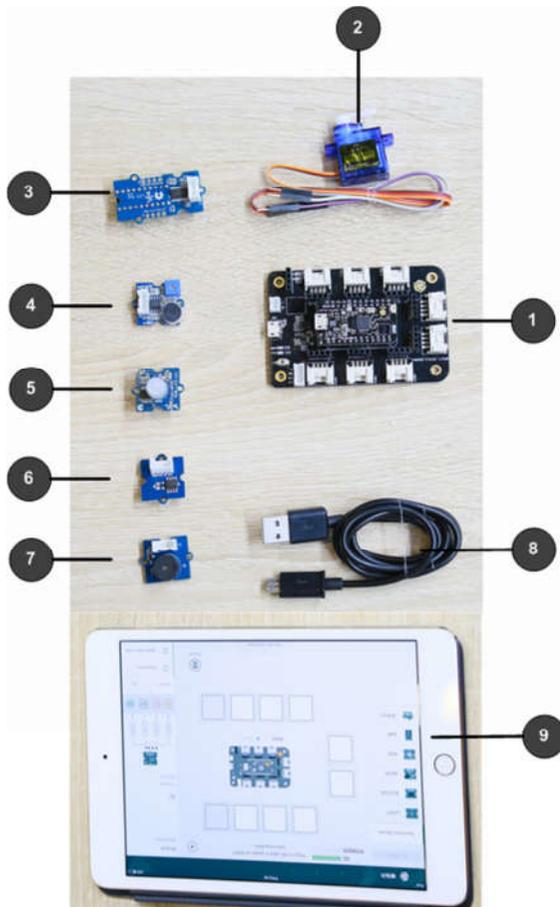
# WIKIT Quick Start

## Modules and Wikit Instruction

Wikit Start kit includes 6 modules which are SG90 SERVO, LED BAR, LOUDNESS SENSOR, BUZZER, LIGHT SENSOR, RGB LED

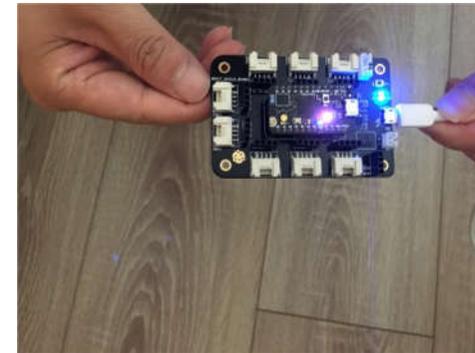
The guide below is taking RGB LED as reference. Note, all other modules shares same step

### 1. KIT CONTENT



1. WIKIT BOARD
2. SG90 SERVO
3. LED BAR
4. LOUDNESS SENSOR
5. RGB LED
6. LIGHT SENSOR
7. BUZZER
8. POWER line
9. iPad3 or above

### 2. Connect the power



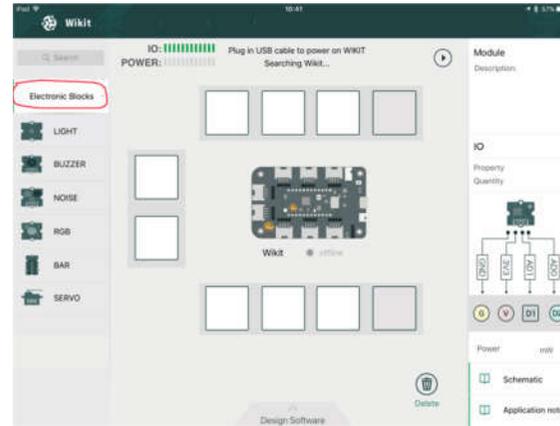


wikit.co

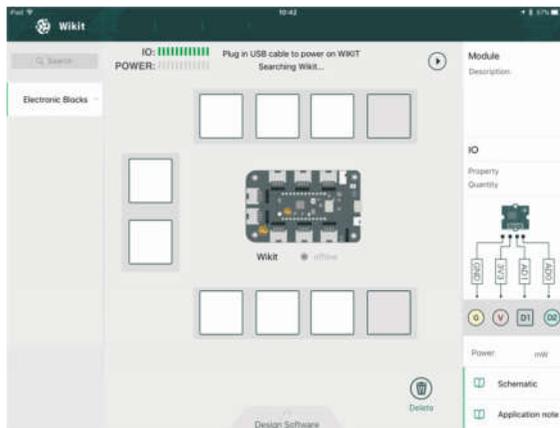
### 3. Download "wikit IDE"



### 4. click on the red circle part



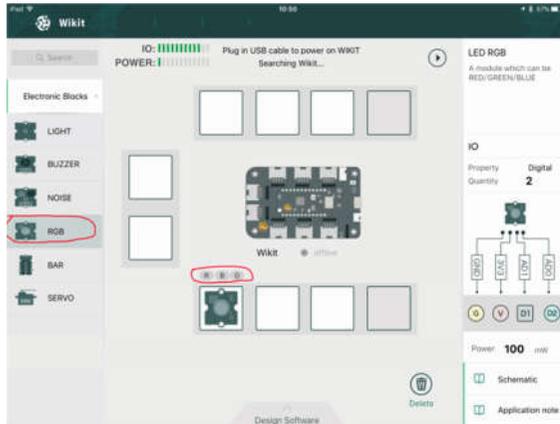
### 5. Drag "RGB LED" to any location on right





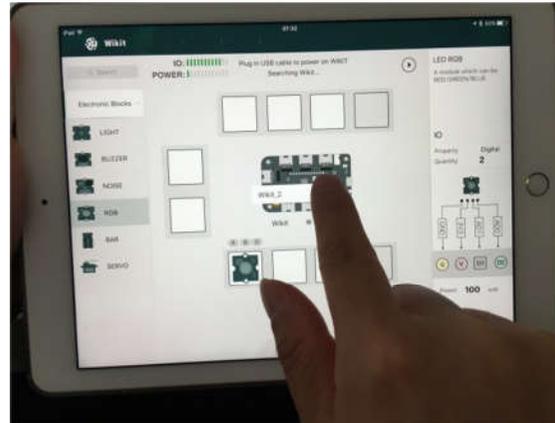
wikit.co

## 6. RGB LED



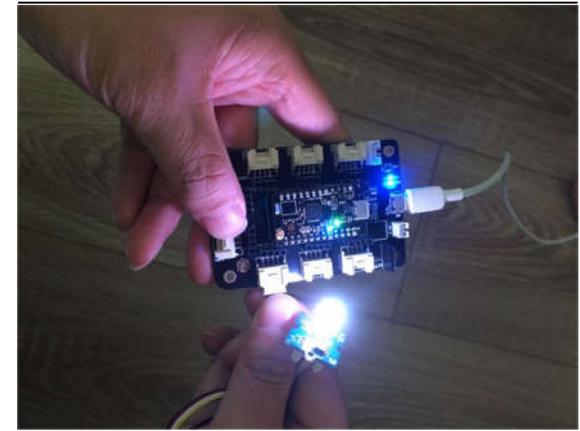
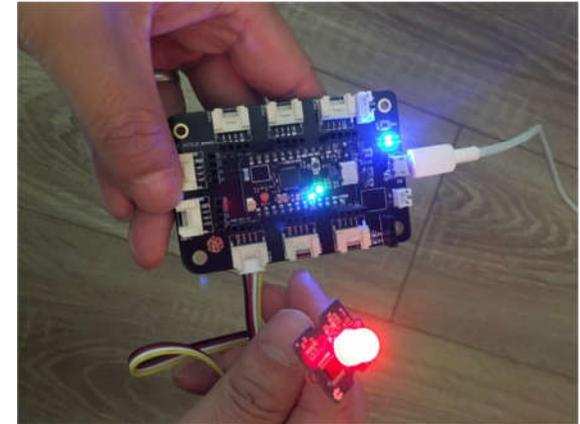
The red circle on the right shows three buttons for user to test the hardware once it is connected on Wikit board.

## 7. Bluetooth connection



Click the center of the board picture and connect to the real hardware board in the list

## 8. Connect RGB module to the corresponding place on Wikit IDE

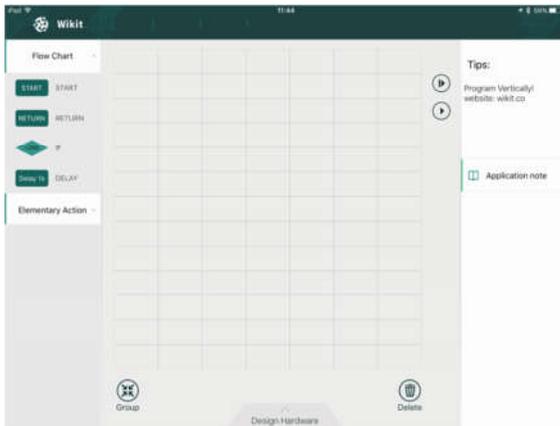
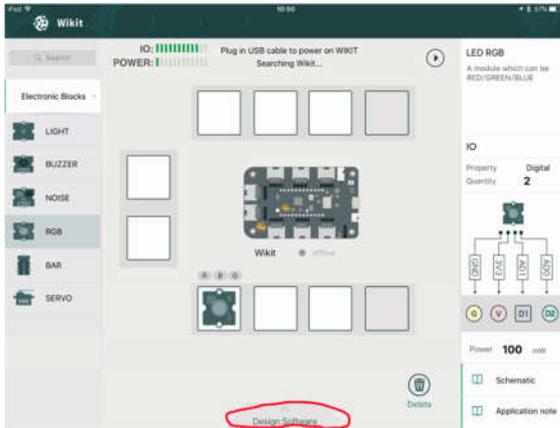


Test hardware with button mentioned on step 6



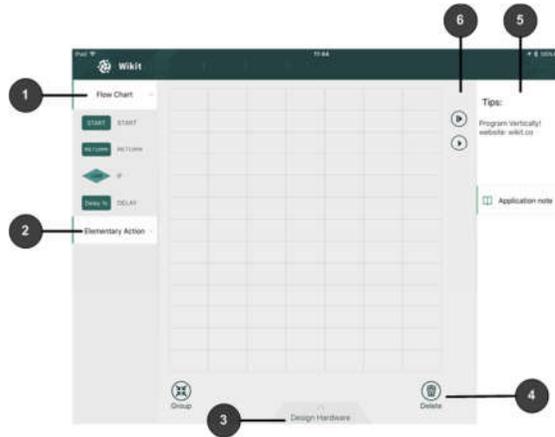
In previous section, we mentioned how to install wikit board module and how to control the hardware. In the section, we will further introduce how to program it with flowchart

### 1. Software UI Switch



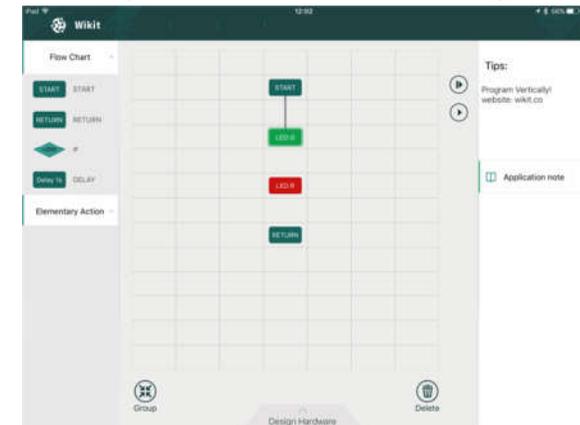
Click the red circle to switch to software side

### 2. Software UI introduce



1. Standard flow chart component(start/end/if/delay)
2. hardware module driver (auto-generated according to hardware UI )
3. switch to hardware UI (it will reset the hardware in the version)
4. delete (ONLY support all clean in first version)
5. run
6. hardware module driver instruction

### 3. software module drag/run/flowchart drawing



1. program the flowchart vertically unless the if statement (we will add flowchart drawing instruction in next version)
2. flow chart line will be auto-generated according to the sequence you click module