



# Cywish Microbit - reads slide potentiometer analog values

1、 Achieve the goal

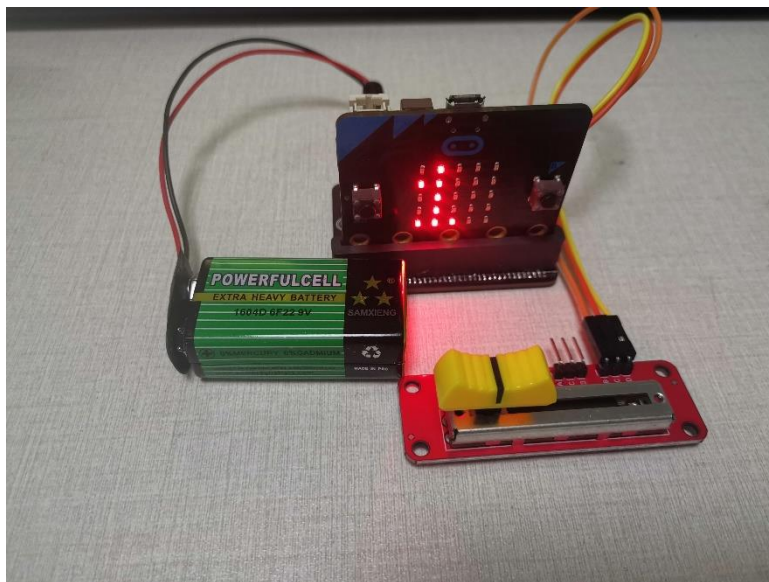
2、 Preparation

3、 Wiring

4、 Block programming



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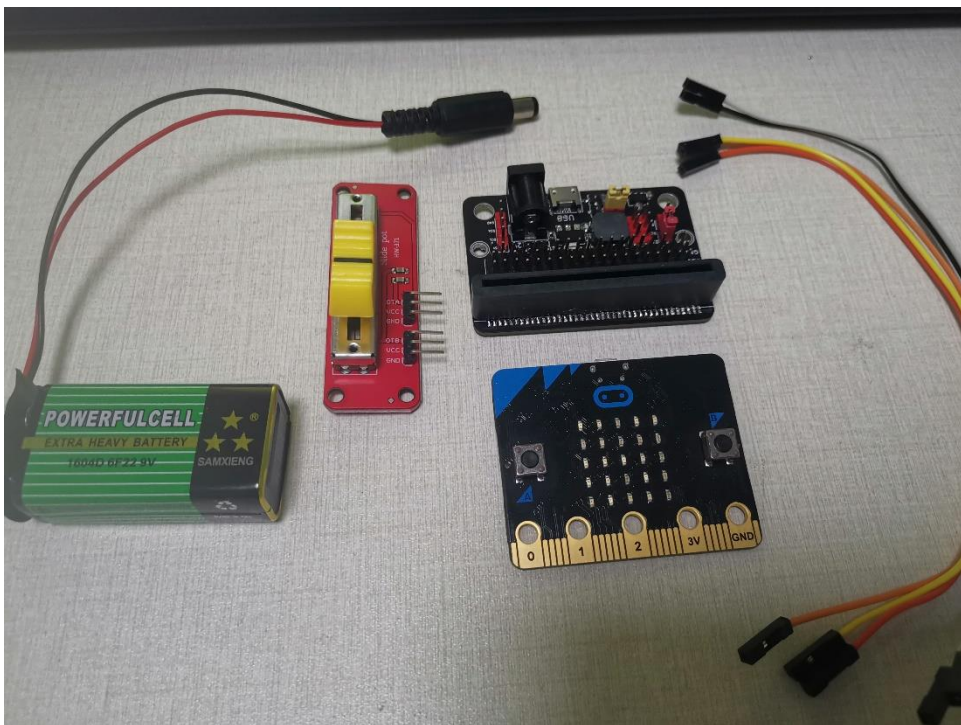


## 1、Achieve the goal

Reads the value of the sliding potentiometer and displays the analog value of the sliding potentiometer on the microbit screen

## 2、课前准备

准备microbit主  
板、USB数据线，  
电池，滑动电位  
器模块，扩展板，  
杜邦线。



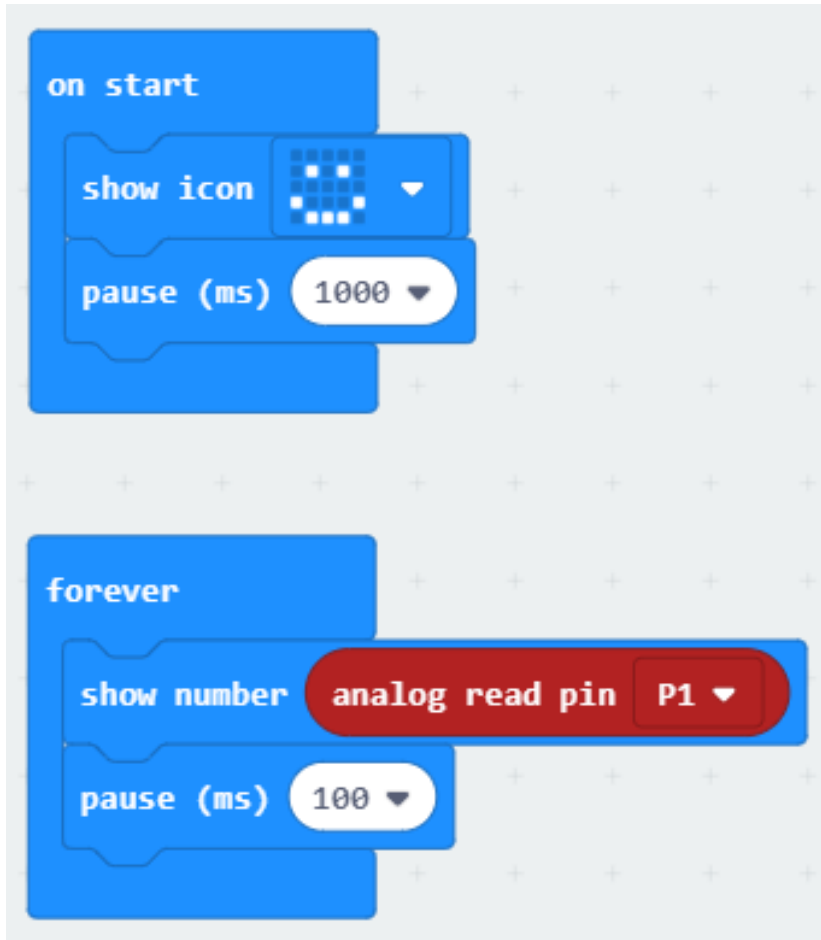
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## 3、Wiring

The VCC pin of the sliding potentiometer is connected to the VCC pin of the expansion board, the GND pin is connected to the expansion board GND, and the OTB is connected to the expansion board P1

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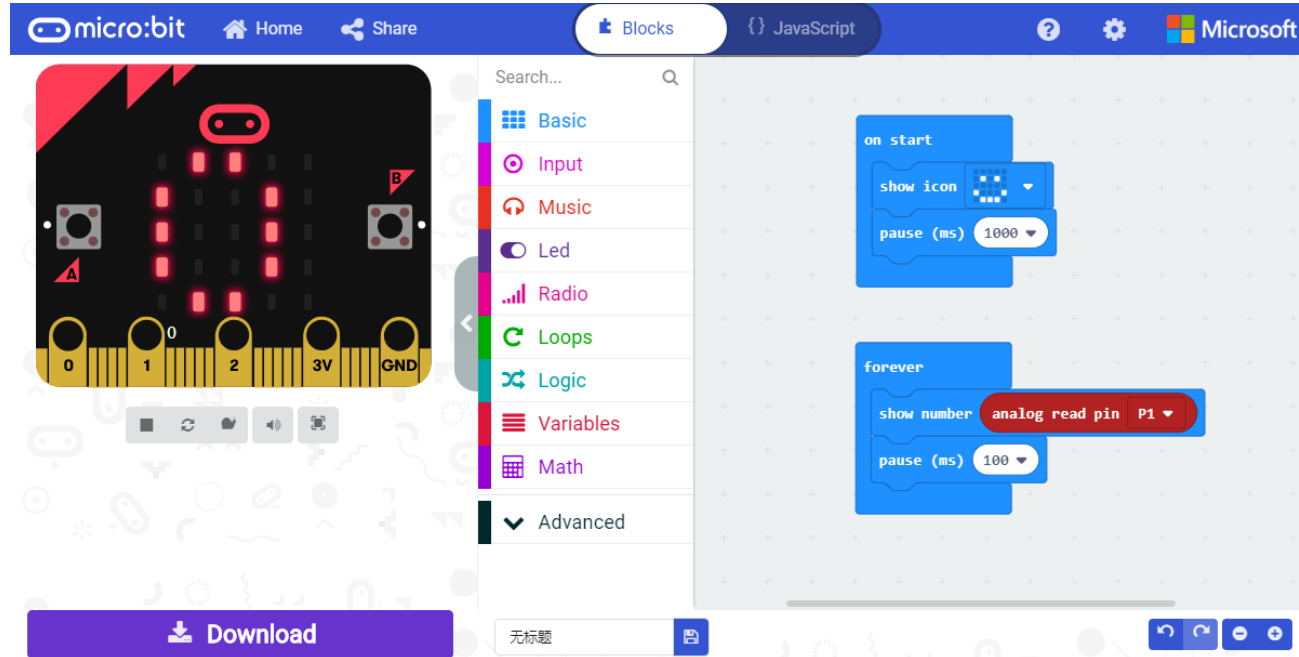
## 4、Block programming



1. When the it is turned on, the screen displays a smiley face, and then pauses for 1000ms

2. In the infinite loop, display and read the analog value of the sliding potentiometer connected to the P1 pin, then pause for 100ms, and so on

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## 5、Download experience

1. Click "download", download the program to the microbit, connect the circuit, and you can see the result of your programming