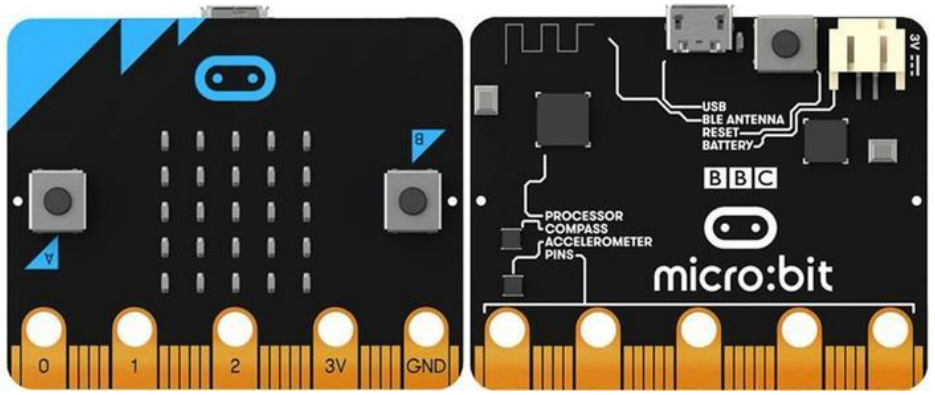
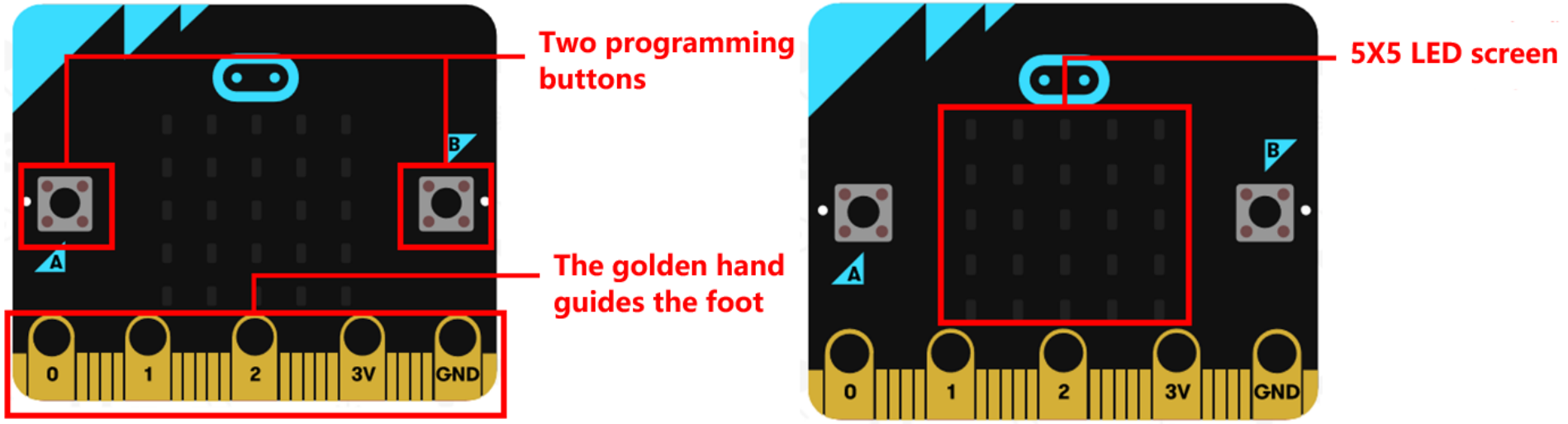
Section 1. Basic introduction of microbit



1、 Introduction of mainboard

2、 Introduction of programming

Section 1. Basic introduction of microbit



1、Introduction of mainboard

1. Microbit contains two programmable buttons, which can control the program running in real time.
2. Goldfinger leads to 25 pins, which can be connected by crocodile clip and 4mm banana plug
3. The dot matrix composed of 25 5X5 red leds can display various graphics, and the programming library has preset many images, such as smiley faces and so on

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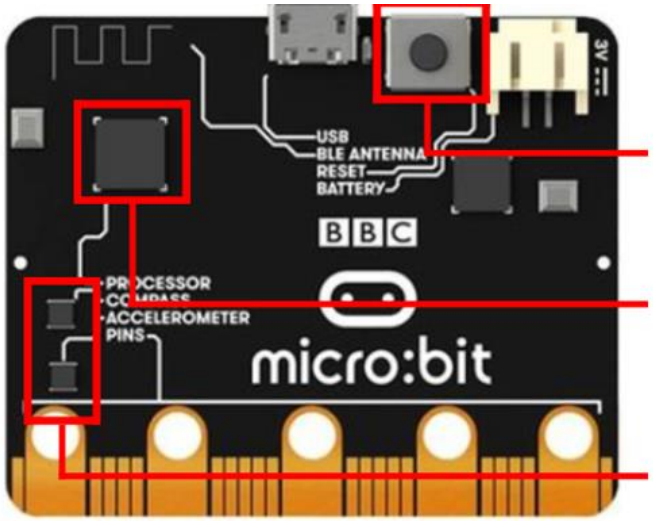

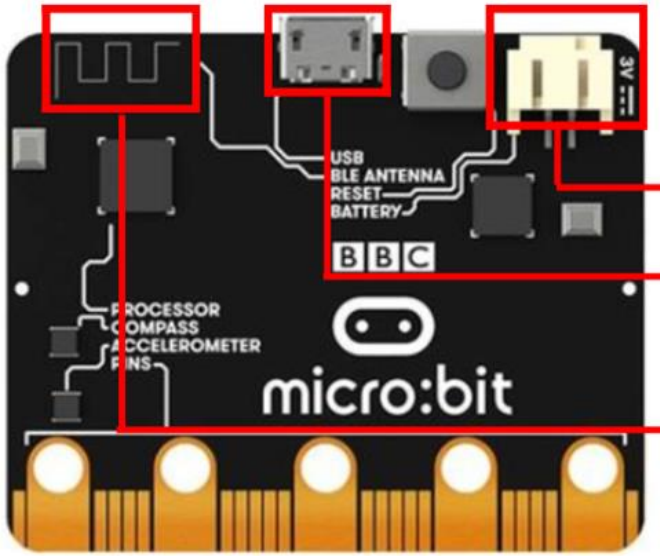

1、Introduction of mainboard

1. The back contains a reset button, a triaxial acceleration sensor, and a chip temperature detection device inside the main chip
2. The back also contains a magnetic sensor, micro usb interface, battery box interface and signal antenna

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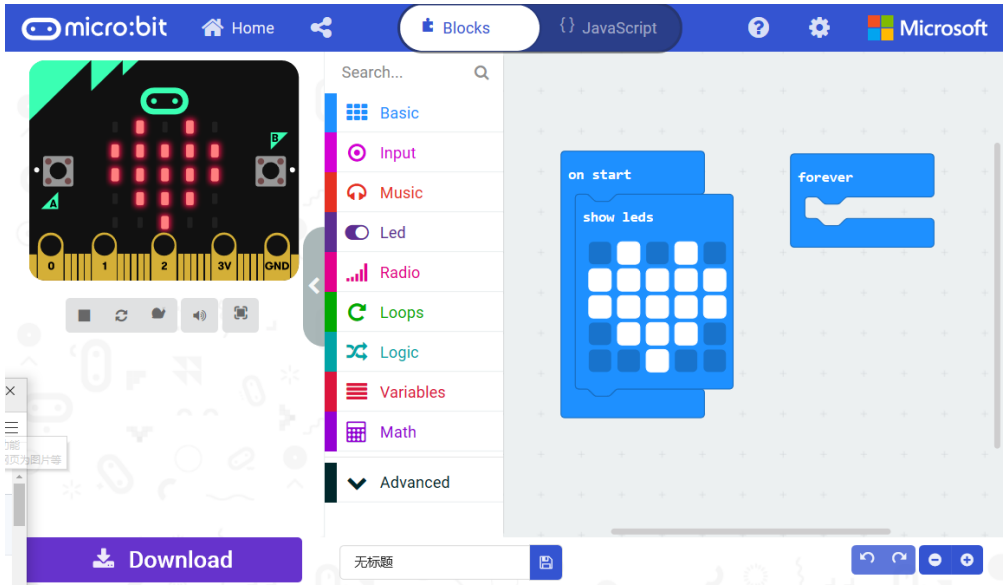
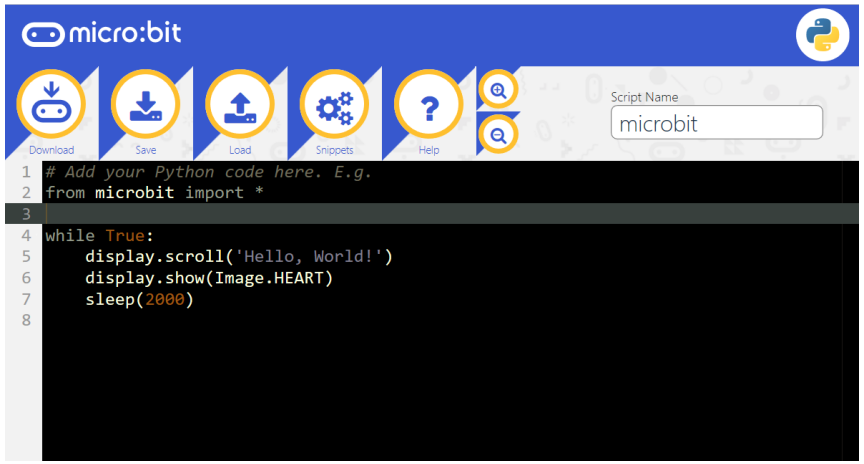


2、Introduction of programming

1. There are three programming methods supported by microbit. The first is graphical programming, the second is python, and the third is javascript. All three programming methods can be written on official website https://makecode.microbit.org/

2. In the makecode editor on the official website, microbit simulation is provided. When the program is prepared, the online simulation will run

Section 1. Basic introduction of microbit



2、Introduction of programming

1. Microbit also has an offline version of its editor, which, like the online version, includes graphical programming and javaScript programming
2. For python programming, the offline version can use the Mu editor to program, while the online version can use the official website https://python.microbit.org/ to write