

4.1 Playing internal music

Playing-internal-musicV1.5.hex

http://www.yahboom.net/xiazai/Tiny_bit/4.Singing%20with%20Tiny%20bit/Playing-internal-musicV1.5.hex

Playing-internal-musicV2.hex

http://www.yahboom.net/xiazai/Tiny_bit/4.Singing%20with%20Tiny%20bit/Playing-internal-musicV2.hex

1.Preparation

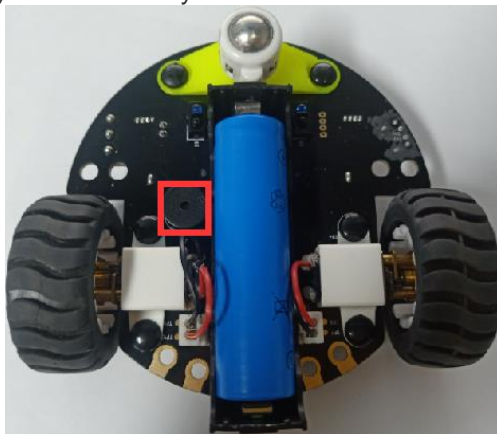
1-1.The position of the buzzer on the robot car

Programming method:

Mode 1 online programming: First, we need to connect the micro:bit to the computer by USB cable. The computer will pop up a USB flash drive and click on the URL in the USB flash drive: <http://microbit.org/> to enter the programming interface. Add the Yahboom package: <https://github.com/lzty634158/Tiny-bit> to program.

Mode 2 offline programming: We need to open the offline programming software. After the installation is complete, enter the programming interface, click 【New Project】 , add Yahboom package: <https://github.com/lzty634158/Tiny-bit>, you can program.

In the picture shown below, the black cylinder circled by the red wire frame is the buzzer on the Tiny-bit.



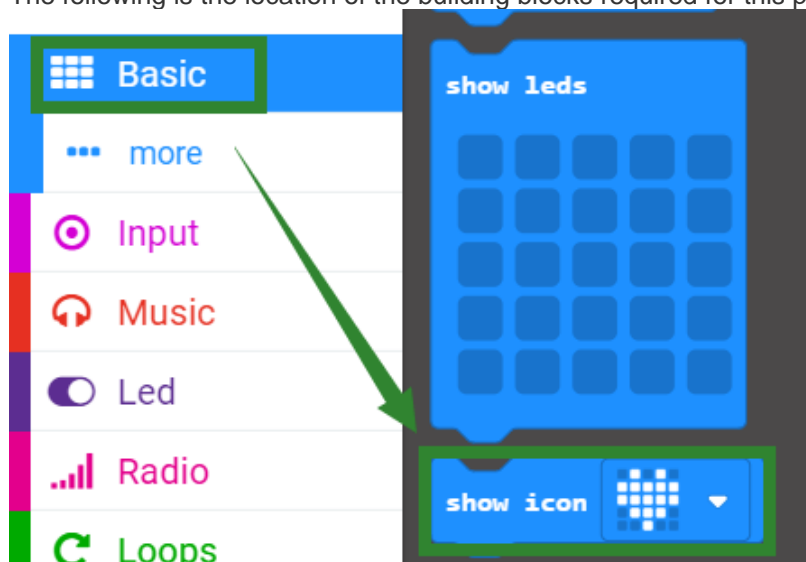
2.Learning goal

2-1.Learn how to use buzzer graphically program building blocks

2-2.In this lesson, we will play music 《ODE》 .

3.Search for block

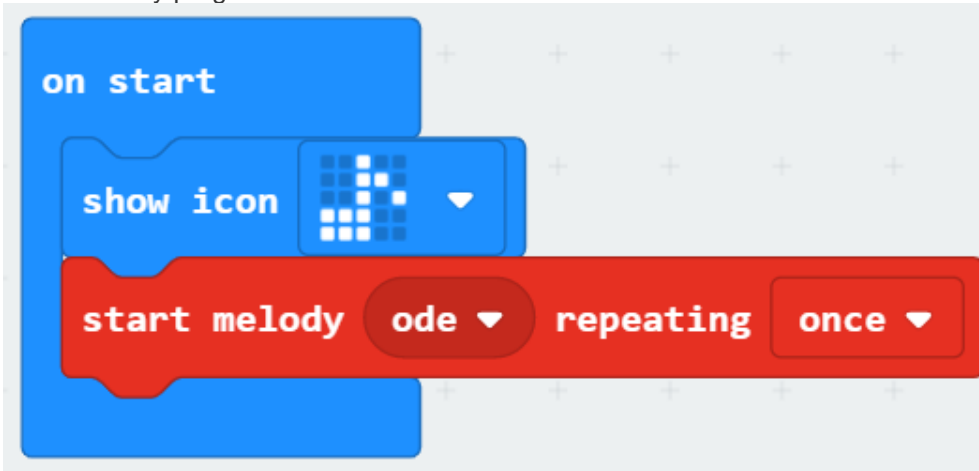
The following is the location of the building blocks required for this programming.





4. Combine block

The summary program is shown below:



5. Experimental phenomena

After the program is downloaded, we can see that micro:bit board will display a music pattern on the dot matrix. The robot car will play music 《ODE》.