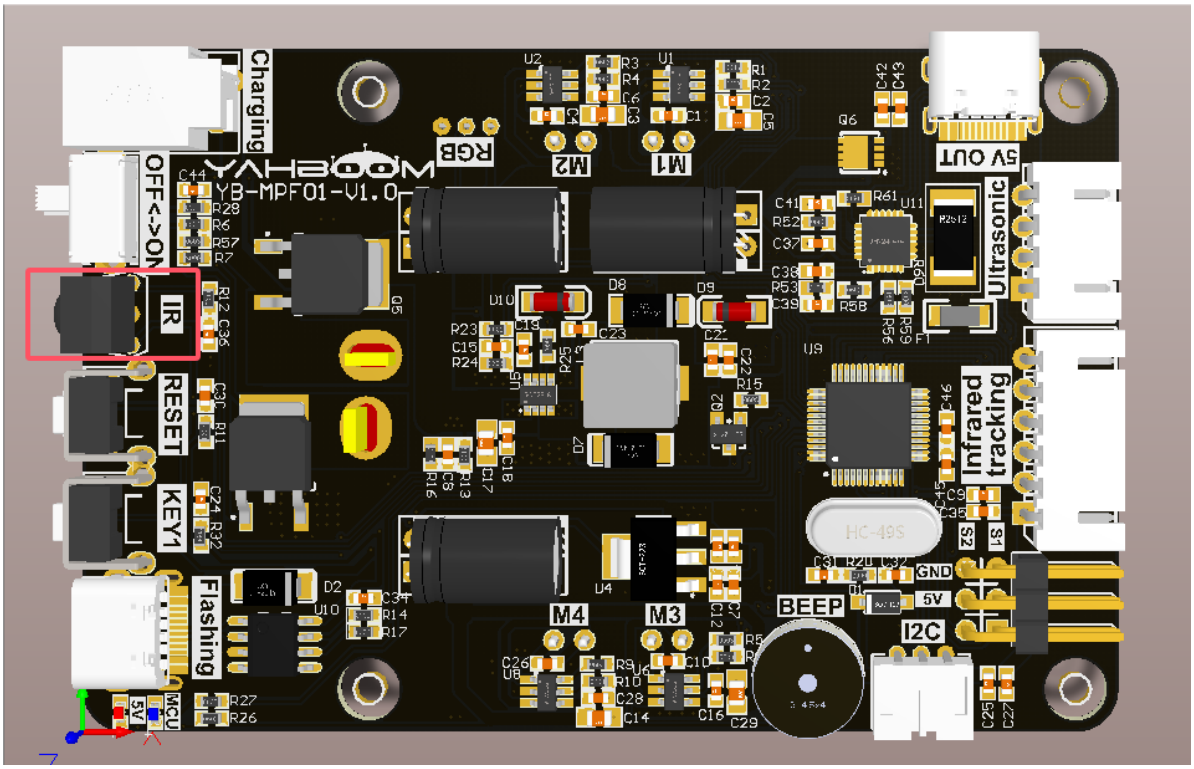
08. Printing infrared remote control key values

1. Learning objectives

Read the key values of the infrared remote control and print them out.

2. Experimental preparation

As shown in the figure below, the infrared receiver module is an onboard component and does not require external connection.



Infrared remote control and its key values

3. Core code analysis

Raspbot_Lib library functions required to control the infrared function:

```
Ctrl_IR_Switch(state)
```

Parameter explanation: state=0: turn off the infrared function, state=1: turn on the infrared function.

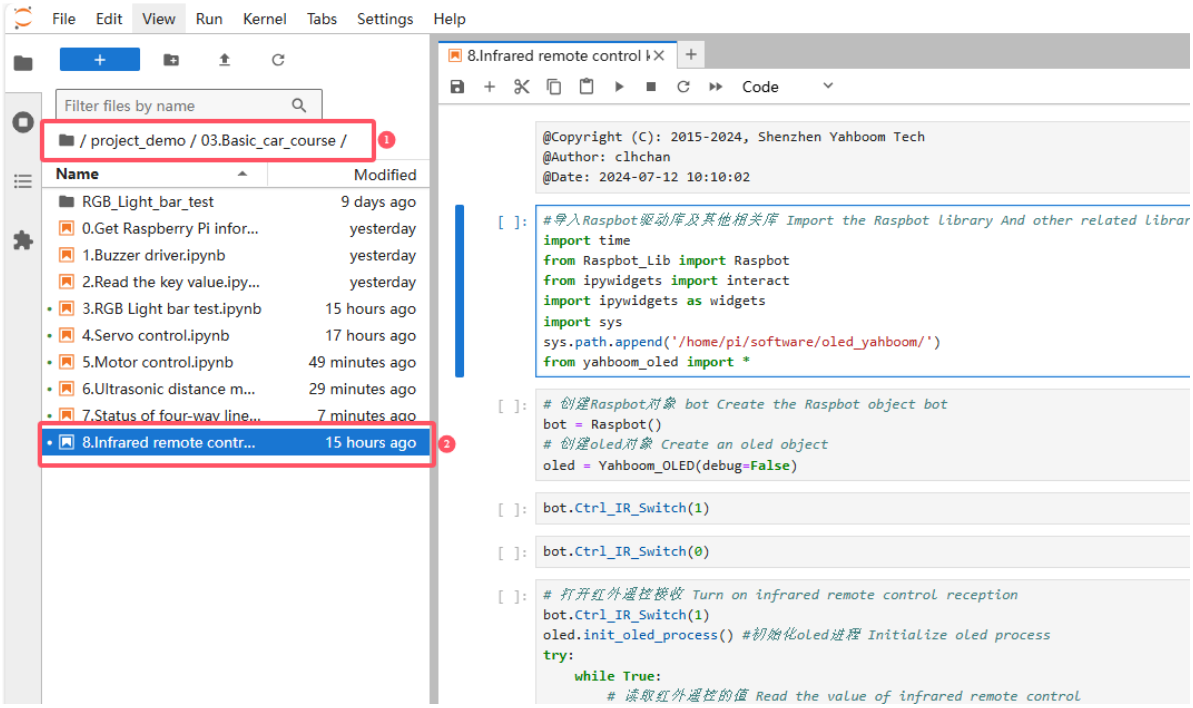
Return value: None.

Source code path: project_demo\03.Basic_car_course

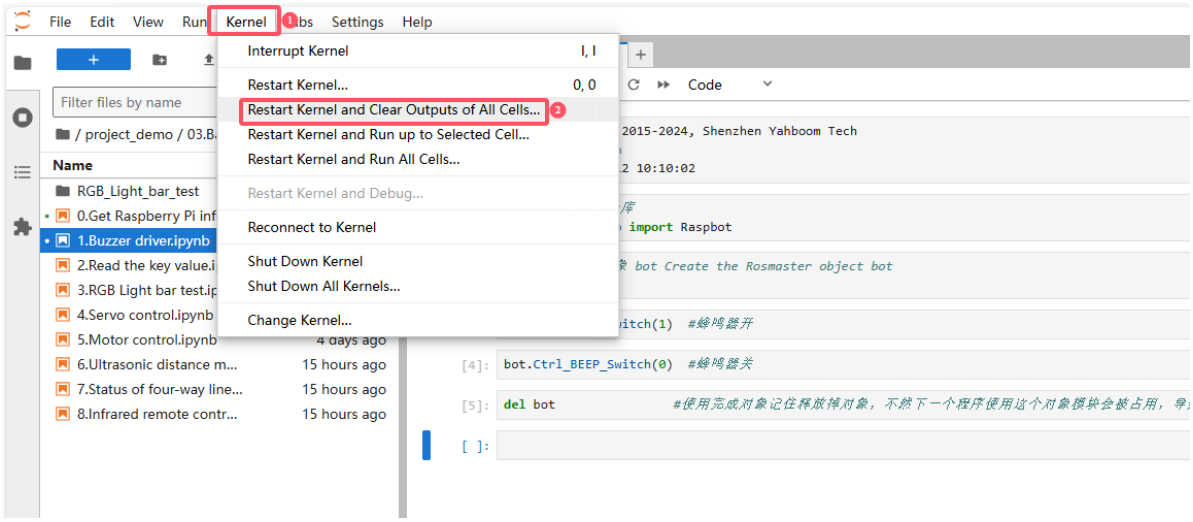
4. Experimental phenomenon

Turn on the robot, open the computer browser to enter the Jupyter lab editor

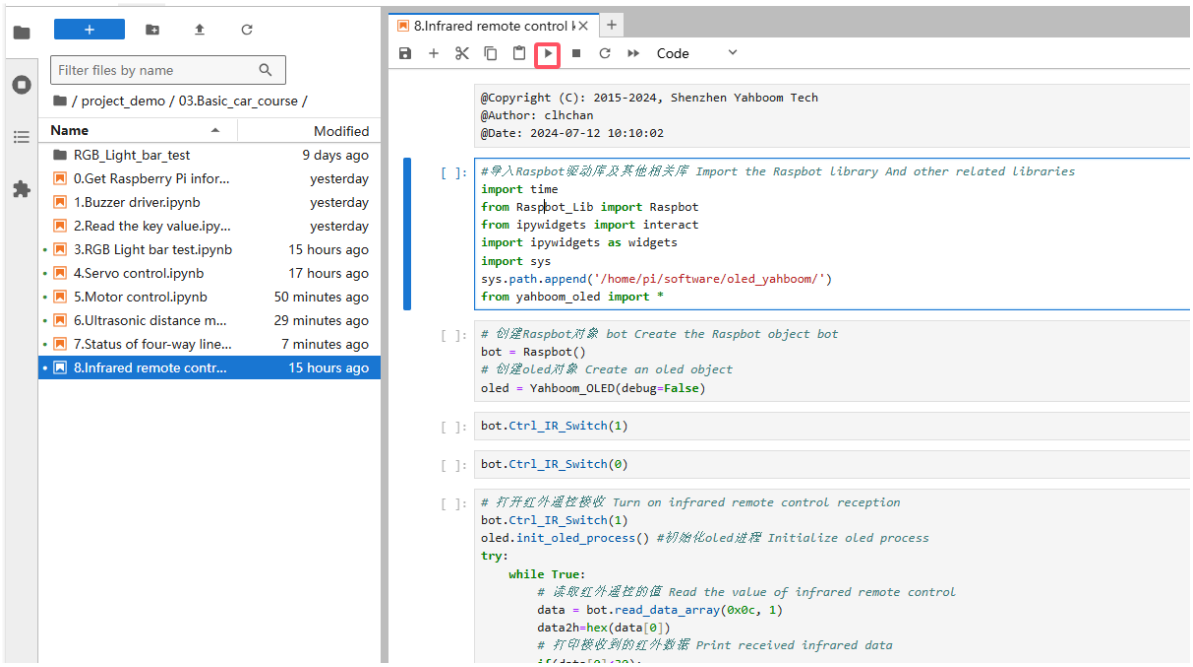
Enter the source code path, double-click the code to be run



Restart the kernel and clear all outputs



Click the first code block, then click the run button to start running one by one



After the program runs, as the code block runs, we press the infrared remote control button and the corresponding key value will be printed below the program, and the key value of the button can also be seen on the oled screen.