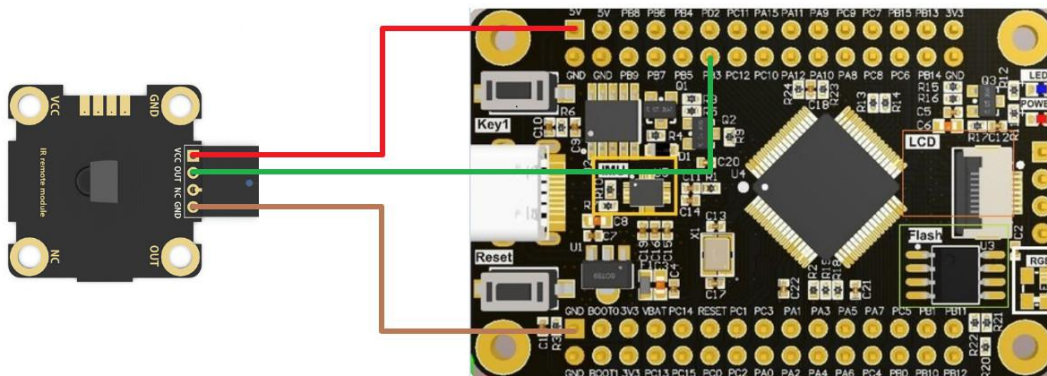# Tutorial documentation

1. Learning objectives

In this course, we mainly learn to use STM32F103C8T6 to configure the infrared receiver module and print the key value of the infrared remote control at the serial port.

2. Prepare before class

The hardware required is several DuPont lines, STM32F103RCT6 development board, infrared receiver module, and infrared remote control.

Infrared receiver module	STM32F103RCT6
VCC	VCC
GND	GND
OUT	PB3

3. Experimental phenomenon

After the program is downloaded, open the serial assistant and set the relevant parameters. We used the infrared remote control for testing, and we can see the received base 16 key value on the serial assistant.