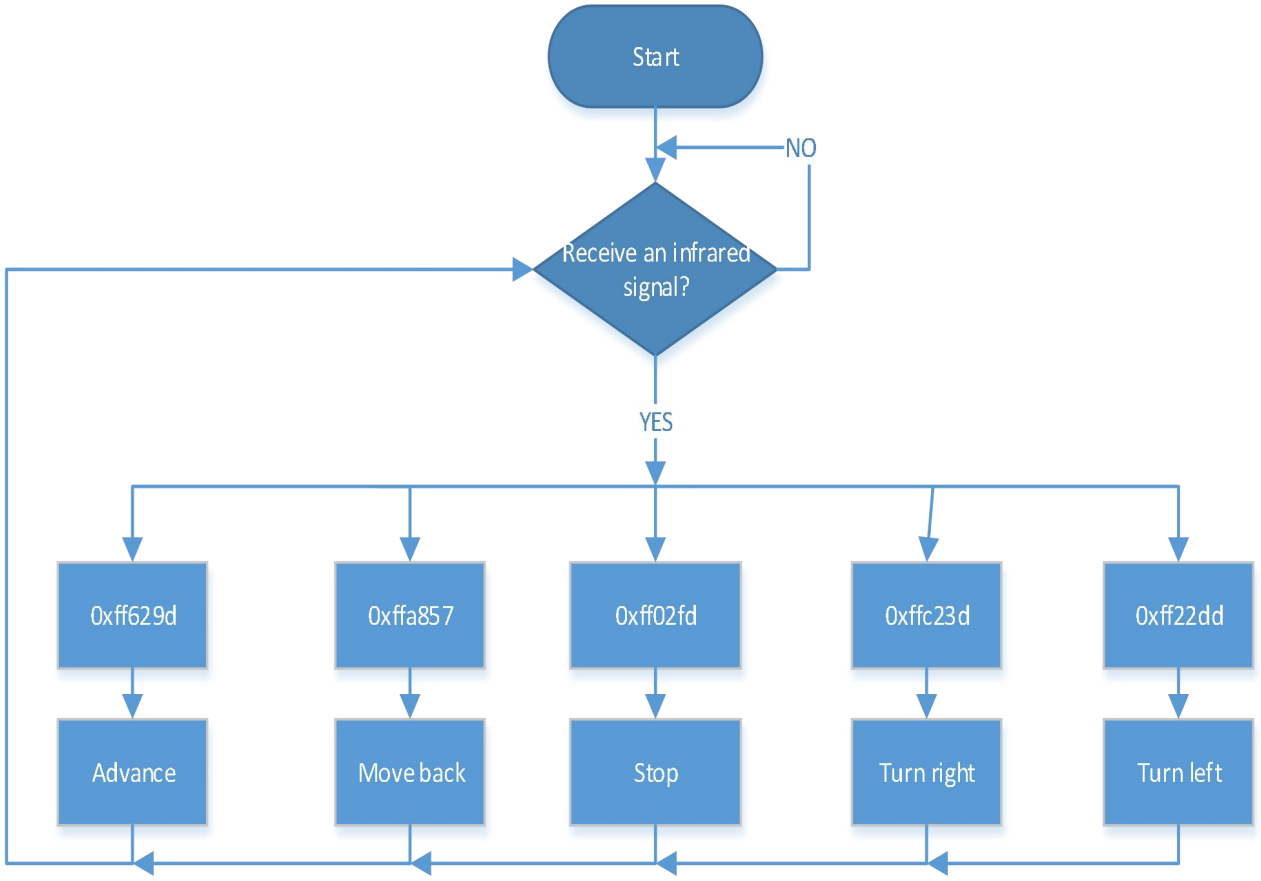
keyestudio

Project 11: IR Remote Control Smart Car

1. Description

In this project, we will work to control the car using an IR remote control.

2. Flow Diagram



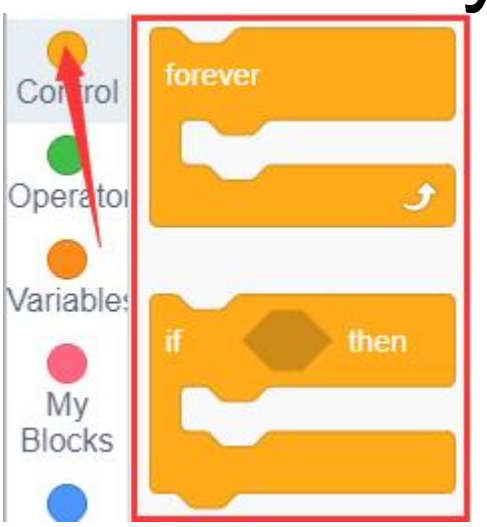
3. Test Code

You can drag blocks to edit. Blocks listed below are for your reference

（1）

（2）

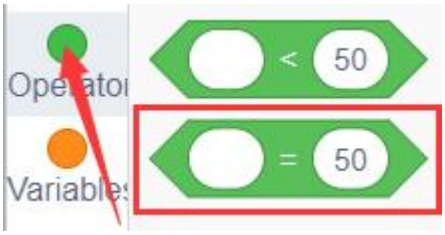
（3）


Control
Operator
Variables
My Blocks
forever
if
then

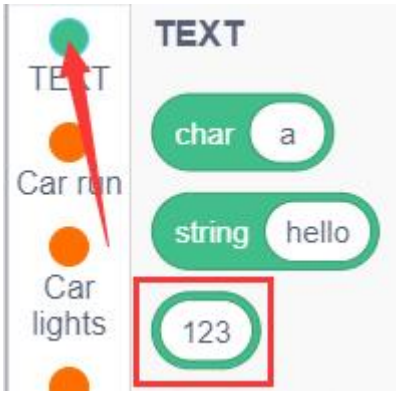
（4）


NeoPixel RGB
servo
Ultrason
IR Remote
IR Remote
IR remote init PIN# A3
Received data
Read the data
Refresh data

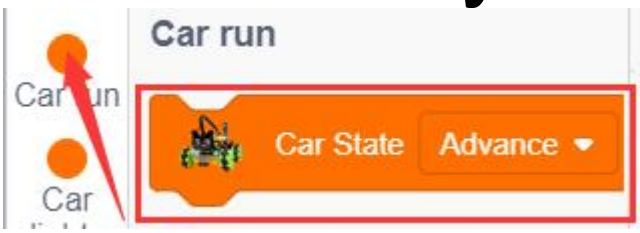
（5）


Operator
Variables
< 50
= 50

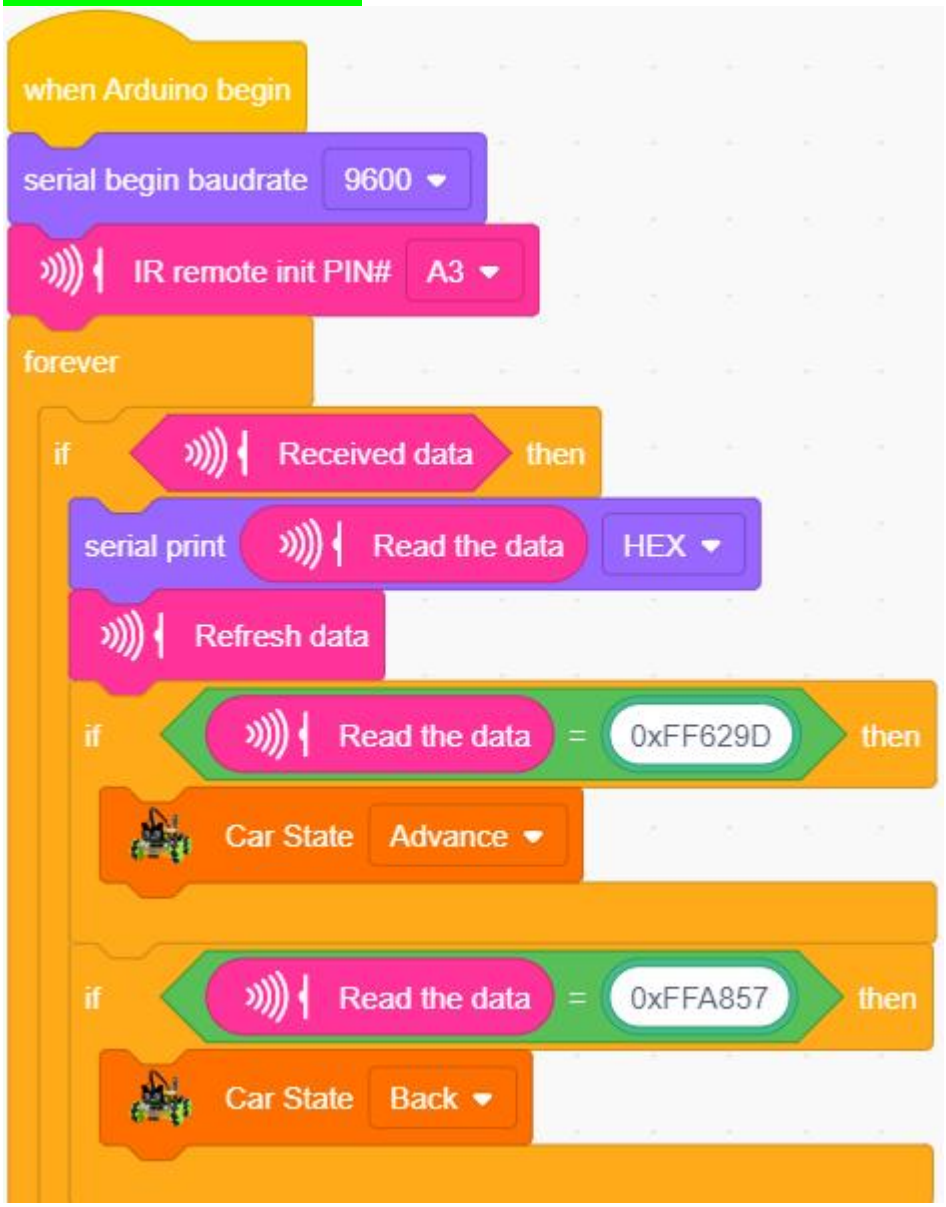
（6）

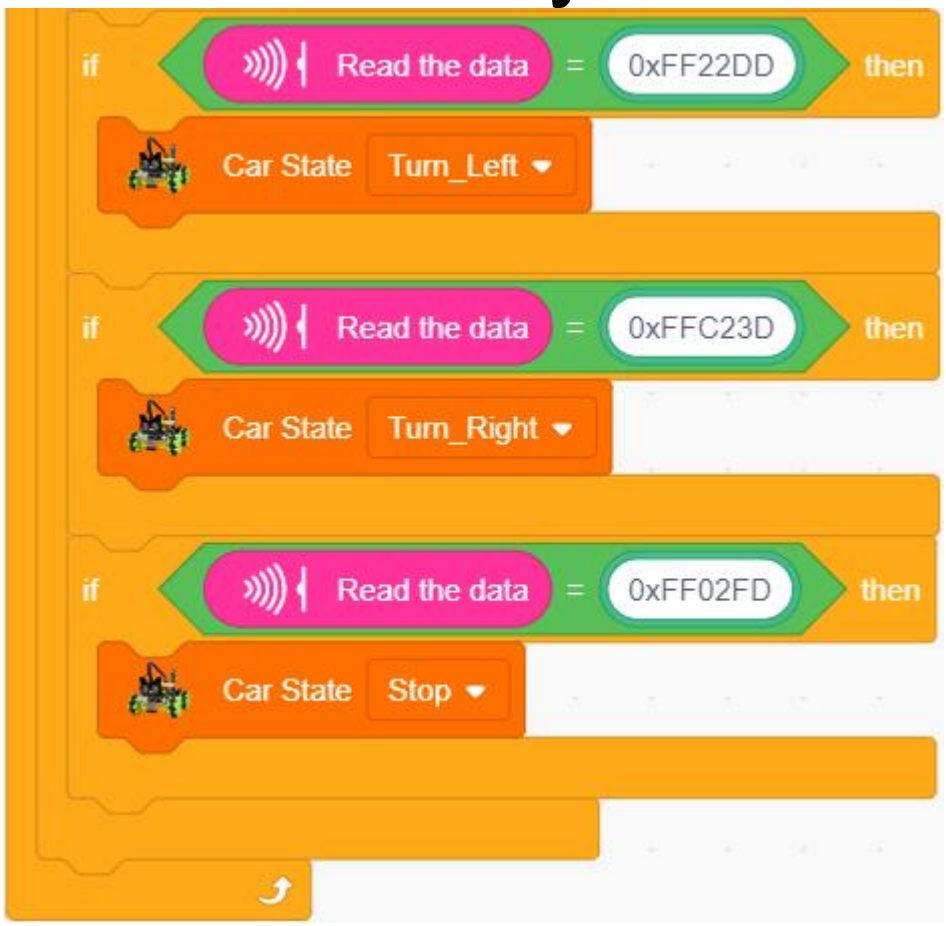

TEXT
Car run
Car lights
TEXT
char a
string hello
123

（7）



Complete Test Code





4.Test Result

After uploading the test code and turning the DIP switch to the ON end and powering up. When we press the button on the remote control, the car moves forward, then, the car turns left, , the car moves back, , the car turns right, , the car stops.