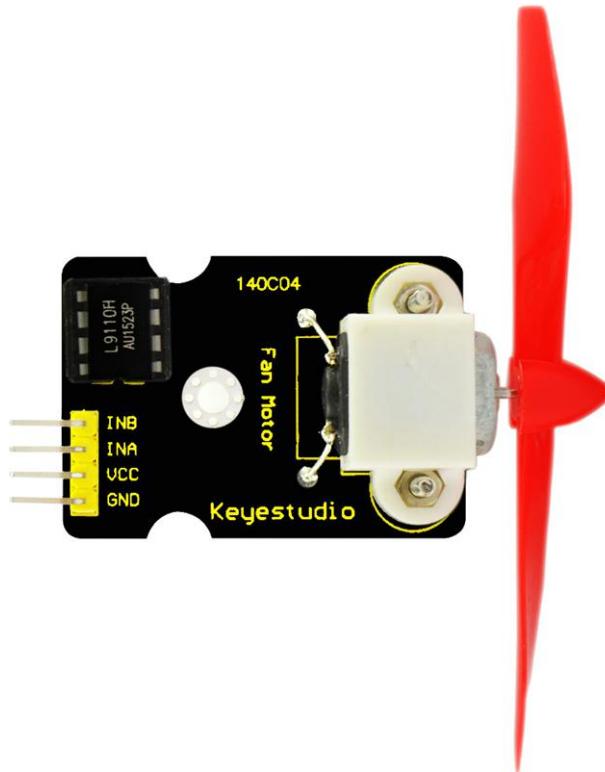


keyestudio L9110 Fan Control Module



Introduction

keyestudio L9110 fan control module adopts L9110 motor control chip. It

can control the rotation direction of the motor, hence the fan.

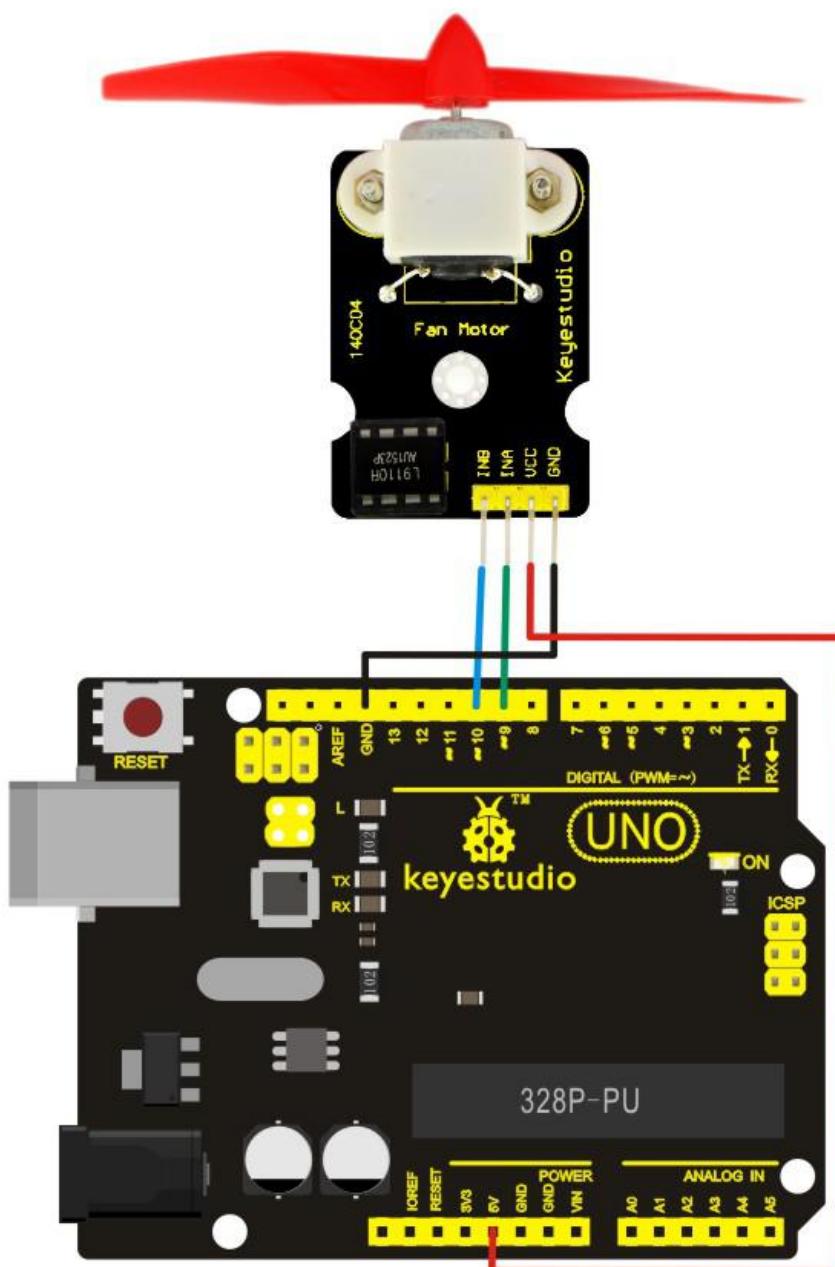
The module is designed with mounting hole, compatible with servo motor control. The module is of high efficiency, with the high quality fan, it can easily blow out flame of a light in 20cm distance.

It's an essential part in fire fighting robot development.

Specification

- Fan diameter: 75mm
- Working voltage: 5V

Circuit Connection



Sample Code

```
*****
```

```
int INA = 9;  
  
int INB = 10;  
  
void setup()  
  
{  
  
pinMode(INA,OUTPUT);  
  
pinMode(INB,OUTPUT);  
  
}  
  
void loop()  
  
{  
  
analogWrite(INA, 255);  
  
digitalWrite(INB,LOW);  
  
delay(5000);  
  
digitalWrite(INA,LOW);  
  
digitalWrite(INB,LOW);  
  
delay(200);  
  
digitalWrite(INA,LOW);  
  
analogWrite(INB, 255);  
  
delay(5000);  
  
digitalWrite(INA,LOW);
```

```
digitalWrite(INB,LOW);  
delay(200);  
}  
*****
```

Result

The fan will rotate clockwise for 5S at Max speed, stop for 0.2S; then rotate counter-clockwise for 5S at Max speed, stop for 0.2S; then repeat the cycle.