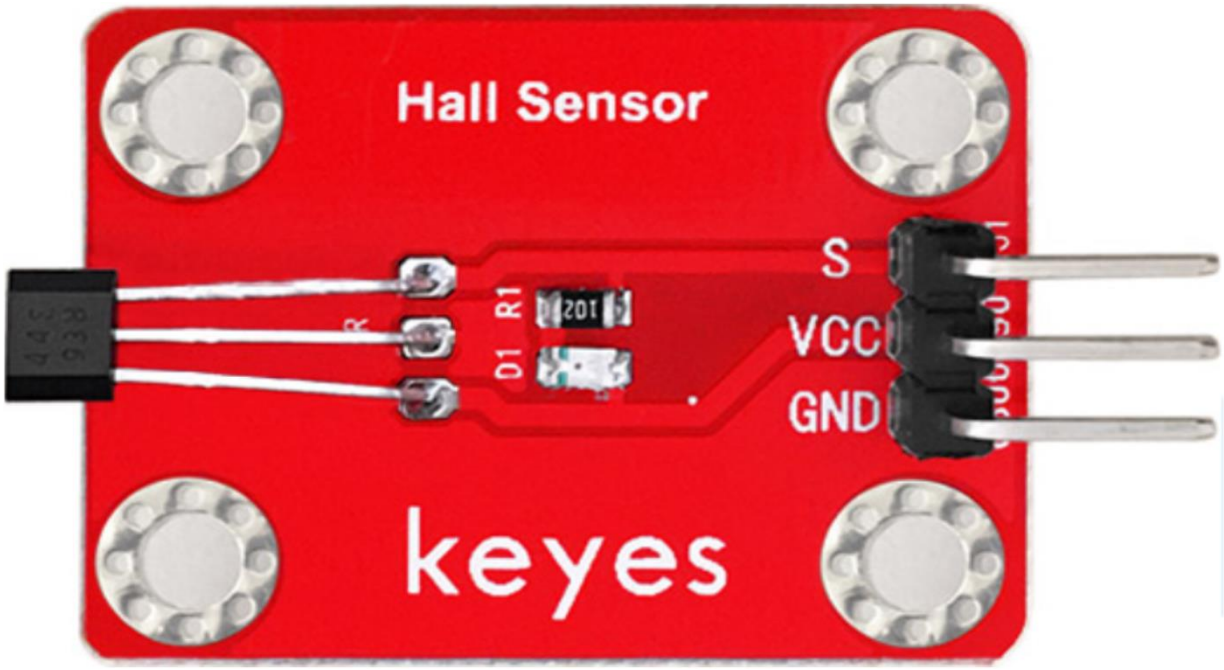
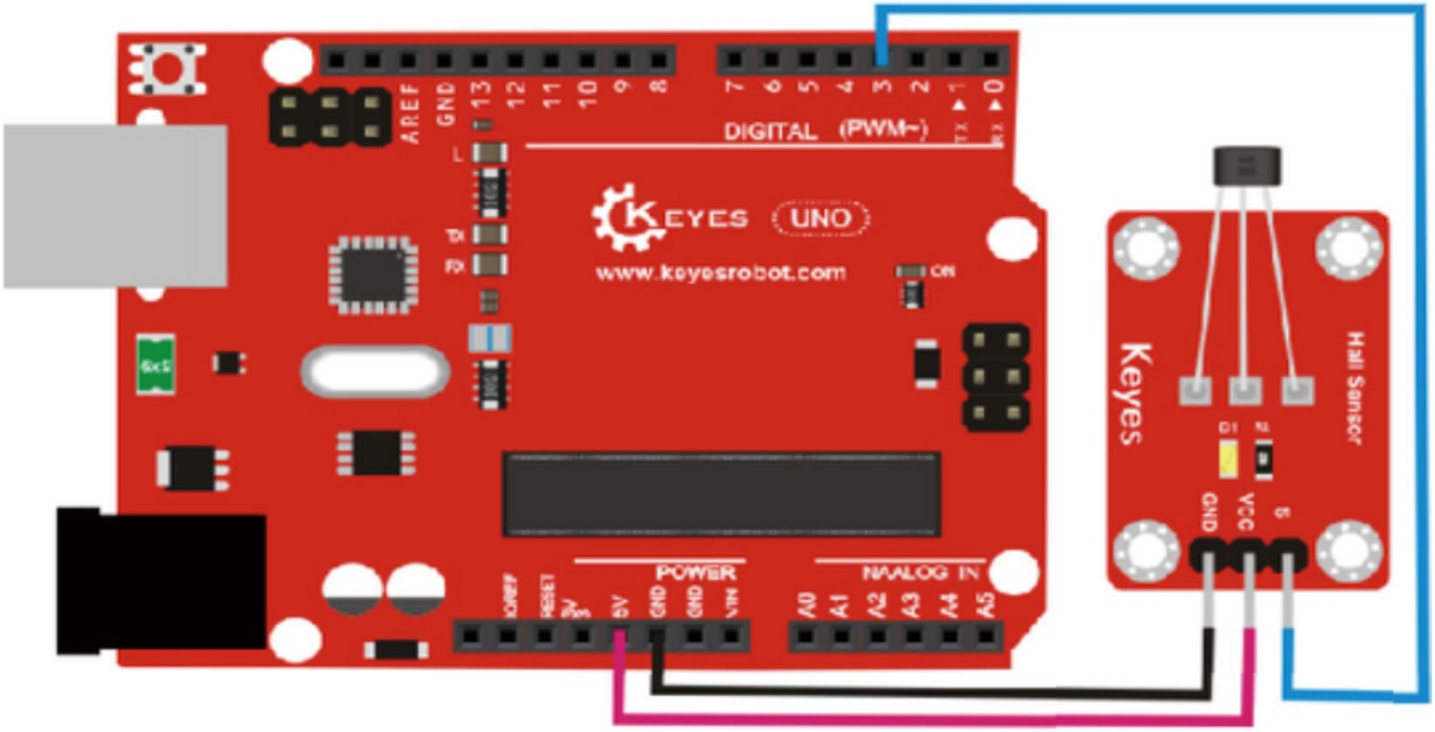
KE0043 KEYES hall magnetic module

Parameters:

Working Voltage: 3.3 ~ 5VDC
Colour: Red
Size: 36x22x7mm.



PINOUT Instruction:



Sample Code:

```
int ledPin = 13;                // choose the pin for the LED
int inputPin = 3;               // Connect sensor to input pin 3
int val = 0;                    // variable for reading the pin status

void setup() {
  pinMode(ledPin, OUTPUT);      // declare LED as output
  pinMode(inputPin, INPUT);     // declare push button as input
}

void loop(){
  val = digitalRead(inputPin);  // read input value
  if (val == HIGH) {            // check if the input is HIGH
    digitalWrite(ledPin, LOW);  // turn LED OFF
  } else {
    digitalWrite(ledPin, HIGH); // turn LED ON
  }
}
  else {
    // turn LED off:
    digitalWrite(ledPin, LOW);
}
```

Result:

Wire it up and upload the code to board, you will see that D13 LED is off, and led on the module is also off. But if put a magnet is placed close to the hall sensor, you will see the D13 LED turns on, and led on the module also turns on.