Linner Hall
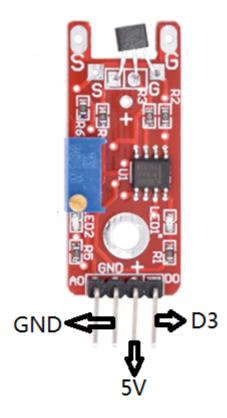

Linner Hall module can connect UNO R3 PIN13, make magnetic test.

Pin 13's LED，use magnetic module connect Pin 3. When hall module test there is magnetic, led can be bright.

Code：

```
/*This is our website www.weikedz.com
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sophie@weikedz.com. If any question, for orders,
for technical problems, pls contact us.
We will response you fastest time. */
int Led=13;// Defines the LED interface
int buttonpin=3; // Definition of linear Hall magnetic sensor interface
int val;// Define the digital variable val
void setup()
{
pinMode(Led,OUTPUT);// Define LED as output interface
pinMode(buttonpin,INPUT);// The linear Hall magnetic sensor is defined as the output interface
}
void loop()
{
val=digitalRead(buttonpin);// Write the value of the digital interface 3 to val
```

```
if(val==HIGH)// When the linear Hall magnetic sensor detects a signal, the LED is on{
digitalWrite(Led,HIGH);
}
else
{
digitalWrite(Led,LOW);
}
}
```