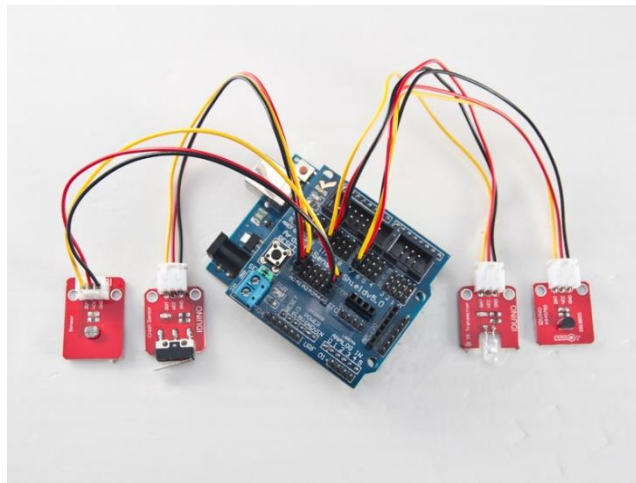


Easy LM35 Temperature Sensor(SE030)



1. Introduction

This module is temperature sensor with chip LM35, It's different from other NTC-MF523950 temperature sensor(ST1147) or DS18B20 temperature sensor(SE029). This module has one indicator light, which would be on when this module's voltage signal is changed. And, this module has integrated 3-pin terminal, which can be simply and tidily connected with Arduino sensor expansion board, like the following picture:



The Module's feature as below:

Feature	Value
Chip	Lm35
Temperature Range	-55°C~+150°C
Accuracy	+/- 0.5°C
Voltage	5V DC
Size	27*20*10mm

2.Pinout

Pin	Description
DAT	Signal pin
VCC	Power(reference voltage:5V DC)

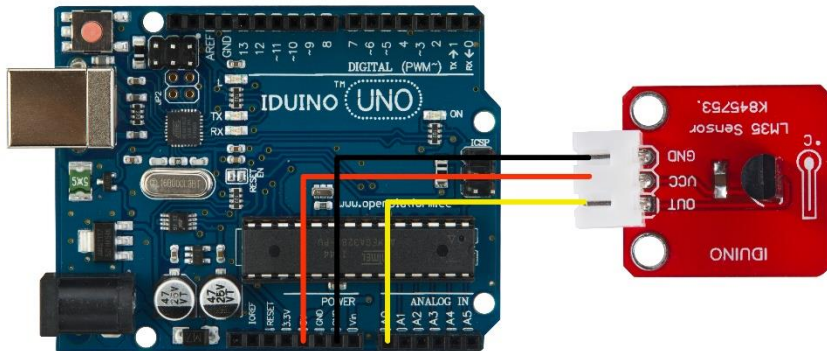
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GND

Ground

3 Example

This is a simple code for the LM35 temperature module, Connection as below:



Example code :

*****Code begin*****

```
float temp = 0;
```

```
void setup() {
```

```
Serial.begin(115200);
```

```
Serial.println(F("reading temperature begin. \n"));
```

```
}
```

```
void loop() {
```

```
    static unsigned long sensortStamp = 0;
```

```
    if(millis() - sensortStamp > 100){  
        sensortStamp = millis();
```

```
        int reading = analogRead(0);
```

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```
    temp = reading *0.0048828125*100;
    Serial.print(F("Real Time Temp: "));
    Serial.println(temp);
}

}
*****Code End*****
```