LM35 Temperature Sensor(SE039)

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).

The Module's feature as below:

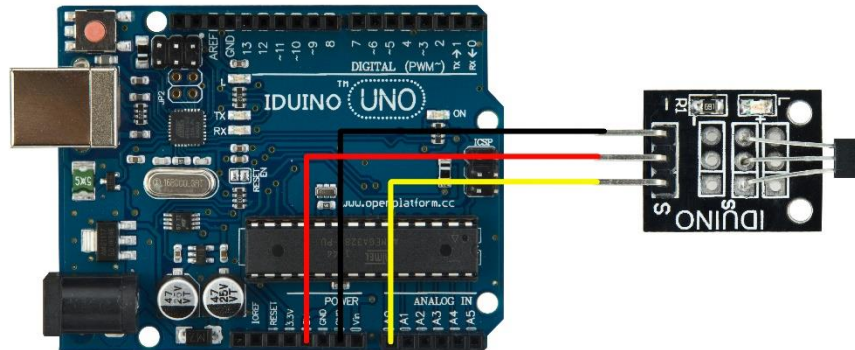| Feature	Value
Chip	Lm35
Temperature Range	-55℃~+150℃
Accuracy	+/- 0.5℃
Voltage	5V DC

2.Pinout

Pin	Description
S	Signal pin
+(middle pin)	Power(reference voltage:5V DC)
-	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);
    temp = reading *0.0048828125*100;
    Serial.print(F("Real Time Temp: "));
    Serial.println(temp);
  }

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