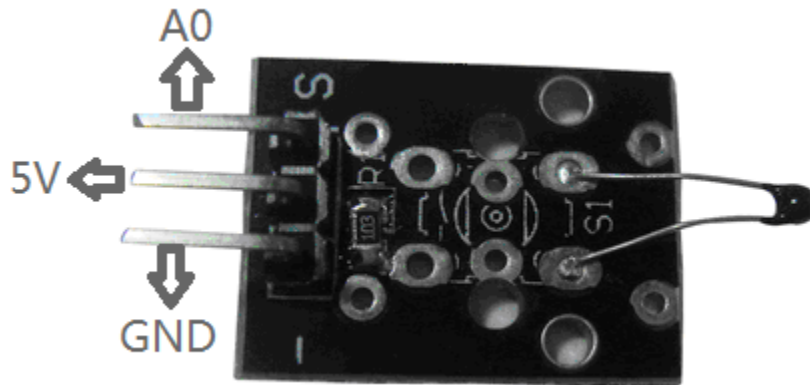


Analog temperature sensor



Description:

The temperature sensor is a NTC thermistor

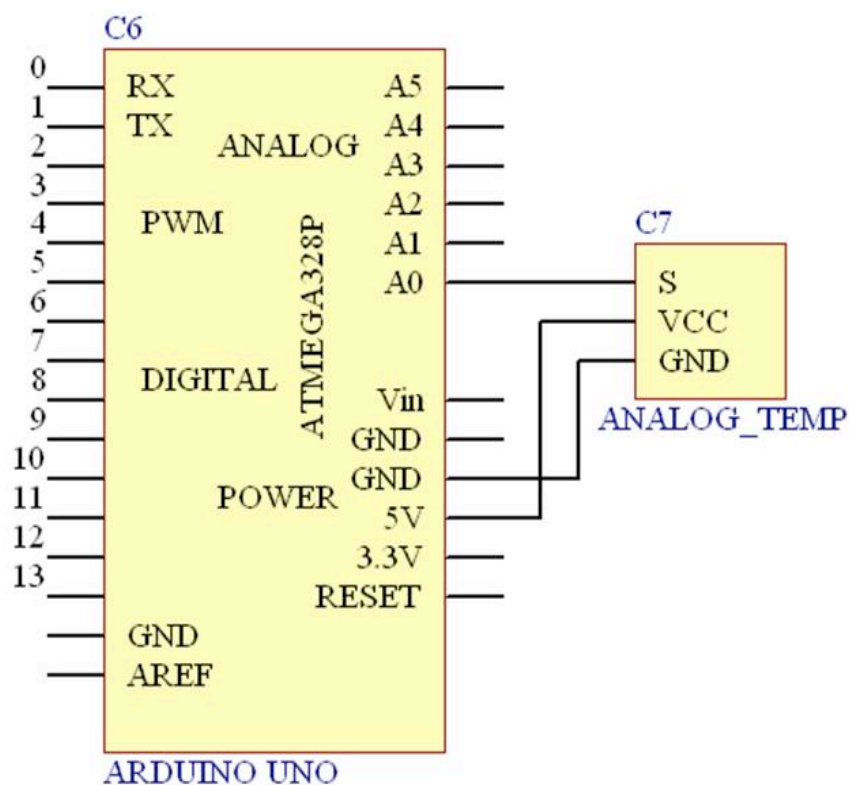
Multi-point temperature measurement Measures temperatures: -55 °C / +125 °C

Accuracy: + / - 0.5 °C

Material: mixed material

Dimensions: 3 x 1.5 x 0.6cm

Weight : 2g



Code:

```
/*This is our website www.weikedz.com
For bulk orders, please feel free to contact
sophie@weikedz.com. If any question, for orders,
for technical problems, pls contact us.
We will response you fastest time. */

#include <math.h>

double Thermister(int RawADC) {
double Temp;

Temp = log(((10240000/RawADC) - 10000));

Temp = 1 / (0.001129148 + (0.000234125 + (0.0000000876741 * Temp * Temp ))*
Temp );

Temp = Temp - 273.15;          // Convert Kelvin to Celcius
return Temp;
}

void setup() {
Serial.begin(9600);

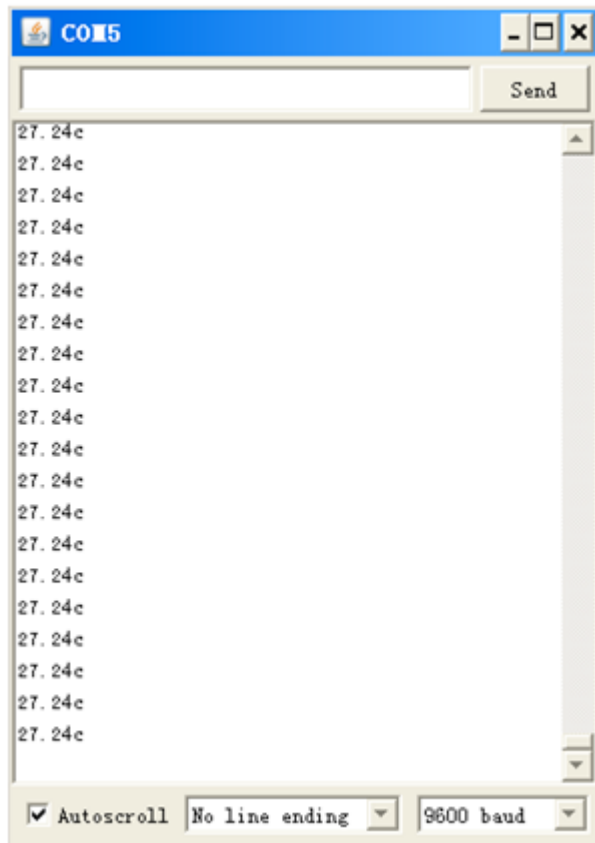
}

void loop() {
Serial.print(Thermister(analogRead(0))); // display Fahrenheit
Serial.println("c");
```

```
delay(500);
```

```
}
```

Thermistor is also able to measure the temperature, it is because it combines the Steinhart-Hart Thermistor equation, test code in the function double Thermister (int RawADC) is the embodiment of the equation, it is here to see the results below



The above window shows the current room temperature,
The following is that we touch it hand to see if there will be changes?



The test was completed successfully