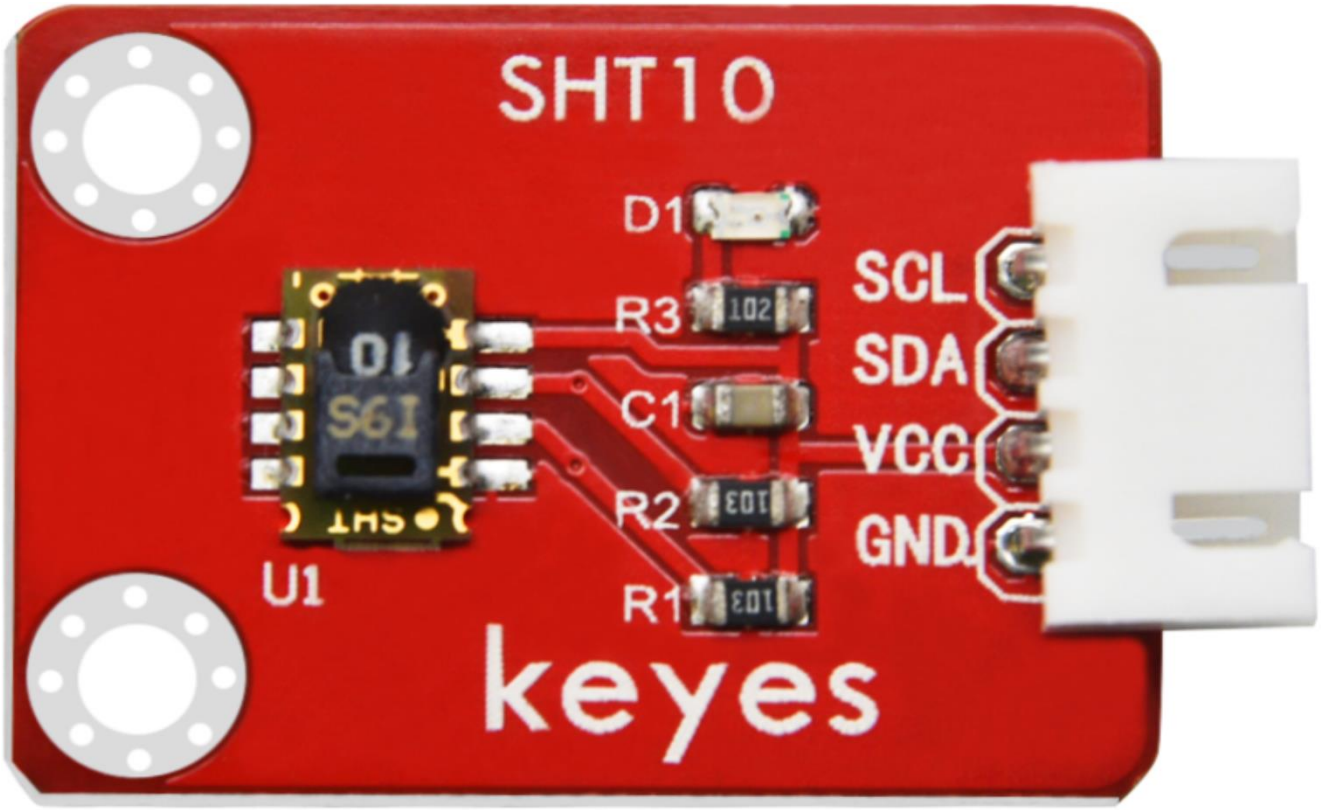
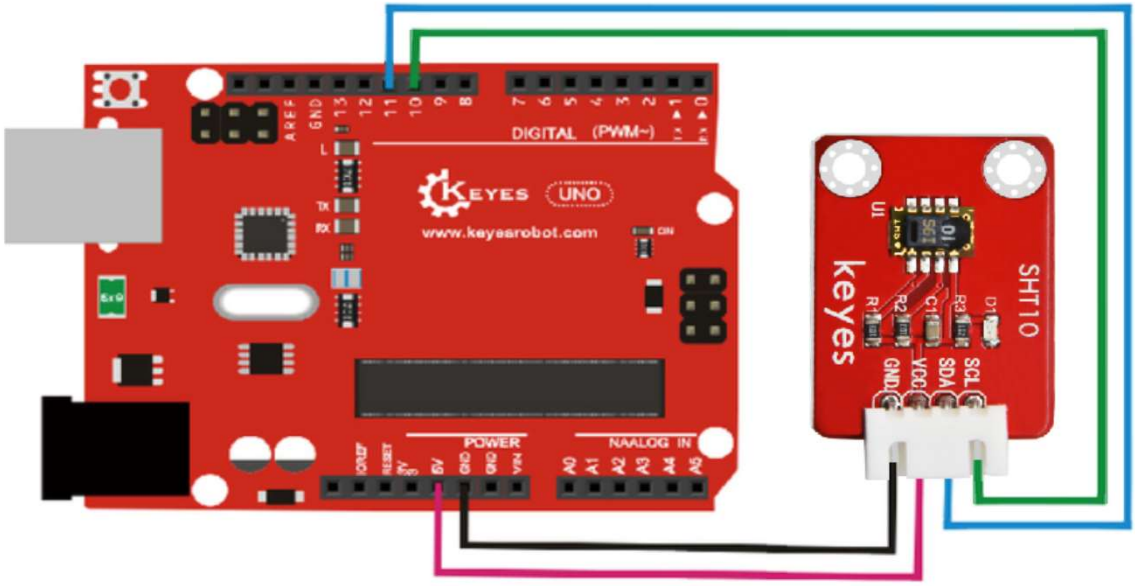
KE2046 KEYES SHT10 sensor module

Parameters:

Working Voltage: 5VDC
Humidity: 0 ~ 10%RH
Temp: -40 ~ 123.8°C
Colour: Red
Size: 34x4212x9mm.



PINOUT Instruction:



Note: Need to install SHT1x Library:
https://github.com/practicalarduino/SHT1x/

Sample Code:

```
// Lab10 - SHT1x serials (SHT10, SHT11, SHT15) Reading sample of hygrothermograph
#include <SHT1x.h>
// define SHT1x connection pin
#define dataPin  11
#define clockPin 10
// Initialize sht1x object
SHT1x sht1x(dataPin, clockPin);

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

void loop()
{
 // declare three variables, representing temperature (Celsius), temperature (Fahrenheit) and humidity
 float temp_c, temp_f, humidity;
 // read SHT1x temperature and humidity value
 temp_c = sht1x.readTemperatureC();
 temp_f = sht1x.readTemperatureF();
 humidity = sht1x.readHumidity();
 // Output the temperature and humidity value to Serial Port
 Serial.print("Temperature: ");
 Serial.print(temp_c, 1);  // Show one after the decimal point
 Serial.print("C / ");
 Serial.print(temp_f, 1);  // Show one after the decimal point
 Serial.print("F. Humidity: ");
 Serial.print(humidity);
 Serial.println("%");
 delay(1000);
}
```

Result:

Wiring as the above diagram and burning the code,after powered-on, open the serial monitor, it will display the current test temperature and humidity, as the graph shown below.