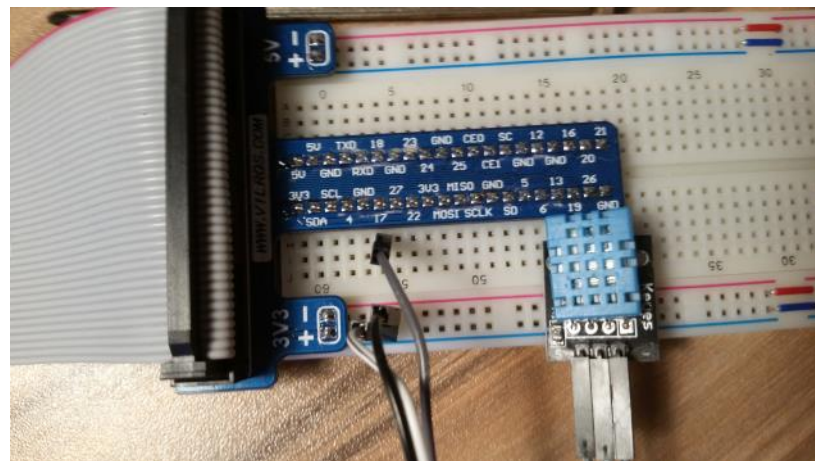
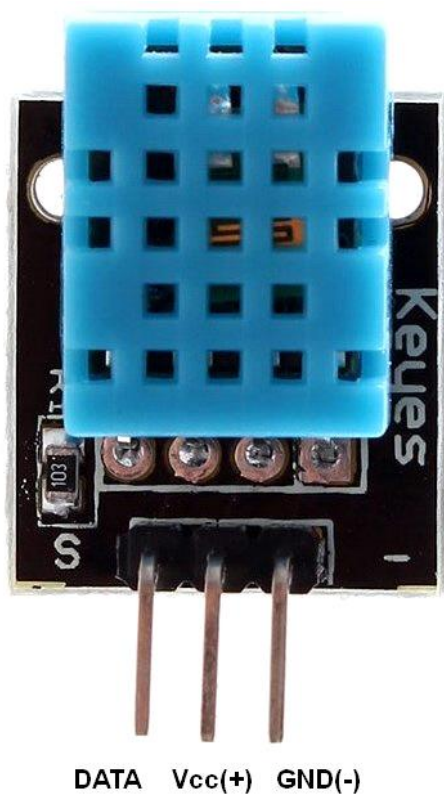


DHT11 Temperature and humidity

Saturday, April 21, 2018 6:09 PM



VCC to 3v+
Gnd to 3v gnd
VCC to pin 17

Install

Get the library:

git clone https://github.com/szazo/DHT11_Python.git
cd DHT11_Python

Edit

sudo nano dht11_example.py

Code:

```
Import RPi.GPIO as GPIO
import dht11
import time
import datetime
```

```
# initialize GPIO
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BCM)
GPIO.cleanup()
```

```
# read data using pin 17
instance = dht11.DHT11(pin=17)
```

```
while True:
    result = instance.read()
    if result.is_valid():
        print("Last valid input: " + str(datetime.datetime.now()))
        print("Temperature: %d C" % result.temperature)
        print("Temperature: %d F" % ((result.temperature * 9/5)+32))
        print("Humidity: %d %%" % result.humidity)

    time.sleep(1)
```

[Execute:](#)

```
python dht11_example.py
```