

# DHT22 temperatuur en vochtigheid sensor

DHT22-Sensor-Pinout.png

## Pin Identification and Configuration

No:	Pin Name	Description
<b>For DHT22 Sensor</b>		
1	Vcc	Power supply 3.5V to 5.5V
2	Data	Outputs both Temperature and Humidity through serial Data
3	NC	No Connection and hence not used
4	Ground	Connected to the ground of the circuit
<b>For DHT22 Module</b>		
1	Vcc	Power supply 3.5V to 5.5V
2	Data	Outputs both Temperature and Humidity through serial Data
3	Ground	Connected to the ground of the circuit

DHT22-pcb.jpg

## DHT22 Specifications

- Operating Voltage: 3.5V to 5.5V
- Operating current: 0.3mA (measuring) 60uA (standby)
- Output: Serial data
- Temperature Range: -40°C to 80°C
- Humidity Range: 0% to 100%
- Resolution: Temperature and Humidity both are 16-bit
- Accuracy:  $\pm 0.5^{\circ}\text{C}$  and  $\pm 1\%$

BRON:

[Components101](#)

---

Revision #2

Created 10 September 2023 15:15:32 by Alex

Updated 10 September 2023 16:02:08 by Alex