

DHT22 temperatuur en vochtigheid sensor

[DHT22-Sensor-Pinout.png](#)

Pin Identification and Configuration

No:	Pin Name	Description
For DHT22 Sensor		
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
For DHT22 Module		
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

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