

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

Created 10 September 2023 15:15:32 by Alex

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