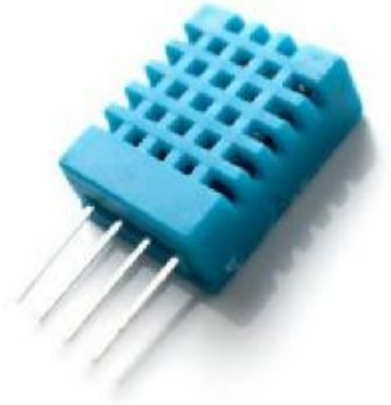


DHT11

temperature and humidity sensor



Product introduction:

In our daily life, temperature and humidity on our lives has a great impact, especially for factory, Production, if we are not well mastered and take relevant measures, then it brings will be a great loss, not Over Well now, there is a temperature sensor that can measure not only but also measured humidity, it really can solve our problems Yet. Well, following up on learning how to use it, it brings convenience to your life.....

Module related presentations:

DHT11 digital temperature and humidity sensor is a calibrated digital signal output temperature and humidity combined sensor, which application-specific modules capture technology and digital temperature and humidity sensor technology to ensure that products with high reliability and excellent long-term stability. The product has excellent quality, fast response, anti-interference ability, high cost and other advantages. Single wire serial interface that allows quick and easy system integration. Ultra-small size, low power consumption, signal transmission distance up to 20 meters, making it to the class of applications and even the most demanding applications is the best choice. Products for the 4-pin single row pin package, easy connection.

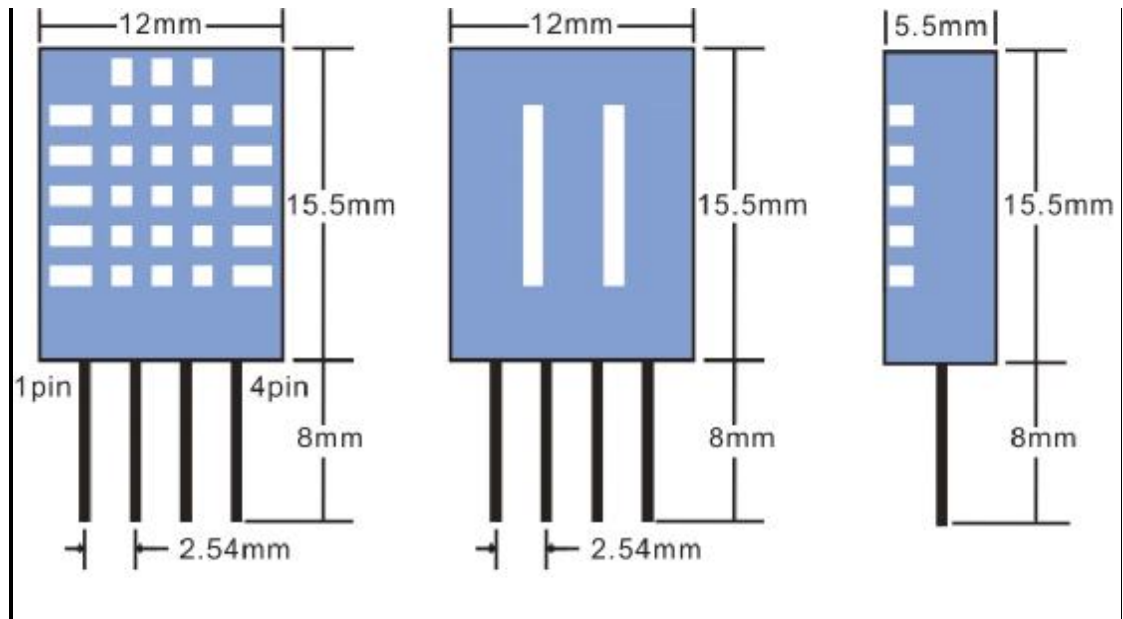
Technical parameters:

- Supply voltage: 3.3~5.5VDC
- Output: single-bus digital signal
- Measuring range: Humidity 20-90% RH, Temperature 0 ~ 50 °C
- Accuracy: Humidity +/-5% RH, temperature +/-2 °C
- Resolution: Humidity 1% RH, temperature 1
- Long-term stability: $\pm 1\%$ RH/Year

Notes:

1. to avoid the use of the condensation conditions
2. long-term storage temperature 10-40 , humidity below 60%
3. the use of power and ground connection to be correct, so as not to damage the sensor

Package:



pin	
1	VDD
2	DATA
3	NC
4	GND