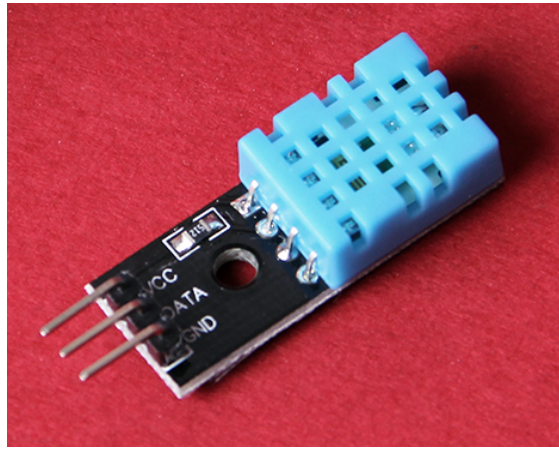


DHT11 Digital Temperature Humidity Sensor

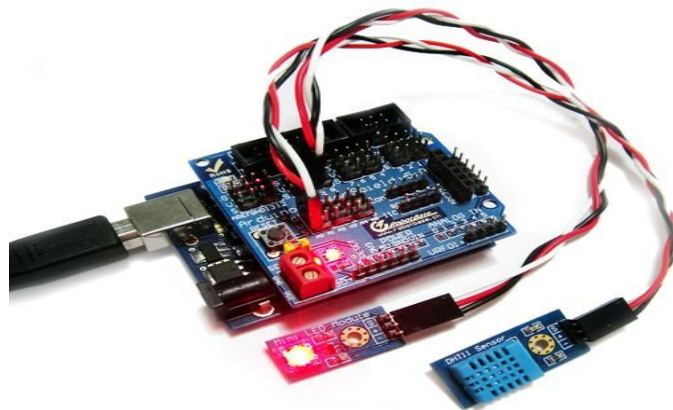


Description:

DHT11 digital temperature humidity sensor is a humidity and temperature compound sensor containing gauged digital signal output . It ensures the products with high reliability and excellent long-term stability.

The sensor include a humidity-sensitive element and a NTC temperature measurement element, and connect with a high-performance SCM. Therefore the product has advantages such as excellent quality, super fast response and strong anti-jamming ability.

Single Wire system serial interface ,small volume low power consumption, signal transmission distance can reach more than 20 meters, make it become a best choice. It can be connected directly with Arduino sensor shield.



Features:

- Chip: DHT11 temperature and humidity sensor
- Operating voltage: DC 5V

Parameter:

- Humidity measuring range: 20-90% RH
- Humidity accuracy: $\pm 5\%$ RH
- Temperature measuring range: 0-60°C
- Temperature measurement accuracy: $\pm 2^\circ\text{C}$
- Digital signal output

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