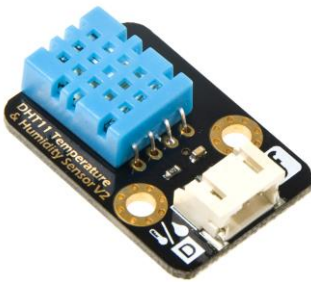


Gravity: DHT11 Temperature & Humidity Sensor For Arduino

This *DHT11 Temperature and Humidity Sensor* features a calibrated digital output temperature and humidity sensor module. Its technology ensures high reliability and excellent long-term stability. A high-performance 8-bit microcontroller is connected. This sensor includes a resistive element and wet NTC temperature measuring devices. It has excellent quality, fast response, anti-interference ability and high cost performance advantages.

Each DHT11 sensors features extremely accurate calibration of humidity calibration chamber. The calibration coefficients stored in the OTP program memory. Internal sensors detect signals in the process in accordance with their calibration coefficients. The single-wire serial interface system is integrated to become quick and easy to use. The small size, low power, and signal transmission distance up to 20 meters makes it useful in a variety of applications and even the most demanding applications. The product is 4-pin single row pin package. Convenient connections and special packages can be provided according to users need.



Specification

- Supply Voltage: +5 V
- Temperature range :0-50 °C error of ± 2 °C
- Humidity :20-90% RH $\pm 5\%$ RH error
- Interface: Digital

Tutorial

Connecting diagram

