

## DS18B20 temperature sensor

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The main features of DS18B20:

- All-digital temperature conversion and output.
- advanced single bus data communications.
- up to 12 bit resolution and  $\pm 0.5$  °C precision.
- maximum work cycle is 750 millisecond when resolution reaches 12 bit
- Optional parasitic way of working
- Detection temperature range: - 55 °C ~+125 °C (- 67° F ~+257° F)
- built-in EEPROM; limit temperature alarm function.
- 64 bit photoengraving ROM, built-in product serial number, easy to connect to multiple machines.
- diverse package modes adapting to different hardware systems.

Shipping list:

1. 18B20 temperature sensor module \*1
2. 3PIN DuPont line \*1