

# **Grove - Temperature Sensor**

#### SKU 101020015

Grove - Temperature Sensor uses a thermistor to measure ambient temperature. The resistance of thermistor changes based on ambient temperature. This resistance value alters the output of a voltage divider which is measured by an analog input pin and converted to a temperature value. The operating range is -40 to  $125\,^{\circ}\text{C}$ , with an accuracy of  $1.5\,^{\circ}\text{C}$ .

For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through Preface - Getting Started and Introduction to Grove before your using of the product.

## **Technical Details**

24mm x 20mm x 9.80mm
G.W 8g
Exclude
3.3~5V
100 ΚΩ
±1%
NCP18WF104F03RC (NTC)
4250 ~ 4299K
-40°C to 125°C
± 1.5°C

#### Part List

Grove - Temperature Sensor	1
Grove Cable	1

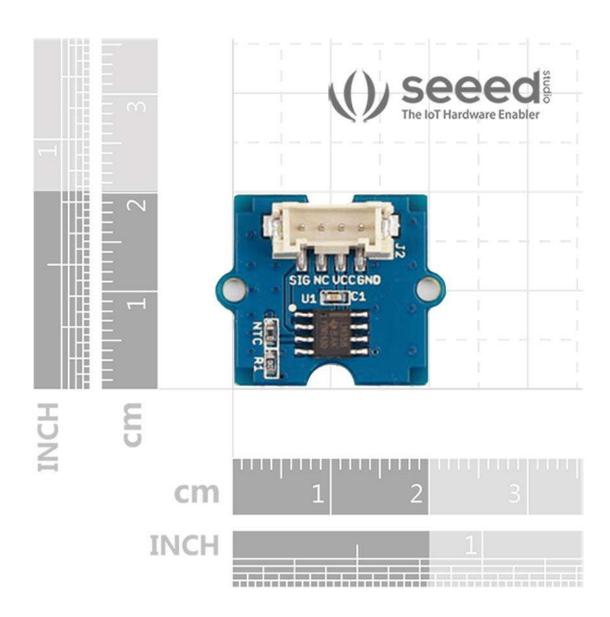
## ECCN/HTS

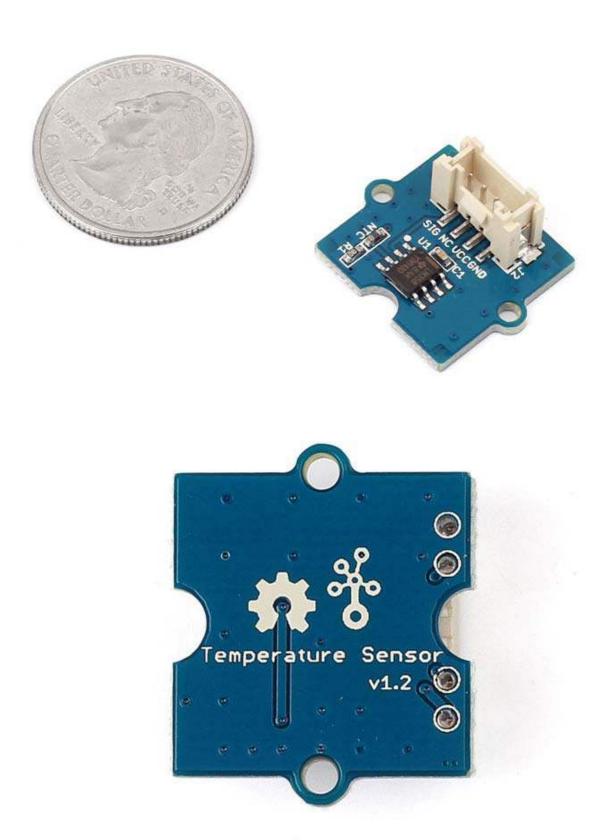
ECCN	EAR99
HSCODE	9025900090

#### Certification

RoHS

Compliant





https://www.seeedstudio.com/Grove-Temperature-Sensor-p-774.html 9-18-18