



容启传感
RQ SENSOR

RQS9063D

NON-CONTACT TEMPERATURE SENSOR

非接触式温度传感器



小尺寸 | 高集成 | 精度准 | 测温快

WITH SMALL SIZE AND HIGH STABILITY

RQS9063D

非接触式温度传感器

小尺寸 | 高集成 | 精度准 | 测温快

SUZHOU RQ
SENSOR SCIENCE &
TECHNOLOGY CO.,LTD

RQS9063D

RQS9063D系列是一款SMD封装的非接触式数字热电堆温度传感器。该传感器结构紧凑，稳定性好，测温速度快，可用于贴片（SMT）工艺，方便应用于尺寸受限的产品中。根据场景需求，该传感器可应用于可穿戴设备、消费电子、医疗电子、智能家电、智能家居系统等，针对人体温度范围，可实现高精度温度测量。



穿戴设备



消费电子



医疗电子



智能家电

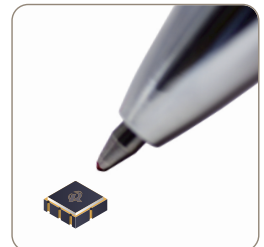


智能家居



产品特点

3.8×3.8×1.8mm QFN封装	精度：±1°C（目标温度0°C~100°C）
工作电压：3.3V	±0.2°C（目标温度35°C~42°C）
睡眠模式下功耗5μA	工作温度：-20°C~85°C
I2C数字输出	视场角：90°



苏州容启传感器科技有限公司

- 江苏省苏州市金鸡大道99号苏州纳米城西北区
- 0512-81879811
- www.rqsensor.com

RQS9063D

NON-CONTACT TEMPERATURE SENSOR

WITH SMALL SIZE AND HIGH STABILITY

SUZHOU RQ
SENSOR SCIENCE &
TECHNOLOGY CO.,LTD

RQS9063D

RQS9063D is a non-contact digital thermopile temperature sensor in a small SMD package. The sensor is compact in structure, good in stability and fast in temperature measurement, especially used in the product when space is limited with SMT process. The sensor can be applied to wearable devices, consumer electronics, medical electronics, smart home appliances, smart home systems etc. The high accuracy version is available for temperature measurement in human body temperature range.



wearable
devices



consumer
electronics



medical
electronics



smart home
appliances



smart home
systems



KEY FEATURES

3.8×3.8×1.8mm QFN package

Supply voltage of 3.3V

Supply current 0.6mA (sleep current less than 5μA)

I2C compatible digital interface

Field of View of 90°

Object temperatures between 0°C and 100°C with typical accuracy of ±1°C

Object temperatures between 35°C and 42°C with typical accuracy of ±0.2°C in human body temperature range

-20°C to 85°C operational temperature

SUZHOU RQ SENSOR SCIENCE & TECHNOLOGY CO.,LTD

99 Jinji Lake Avenue, Suzhou Industrial Park, (Jiangsu Province, China)

0512-81879811

www.rqsensor.com