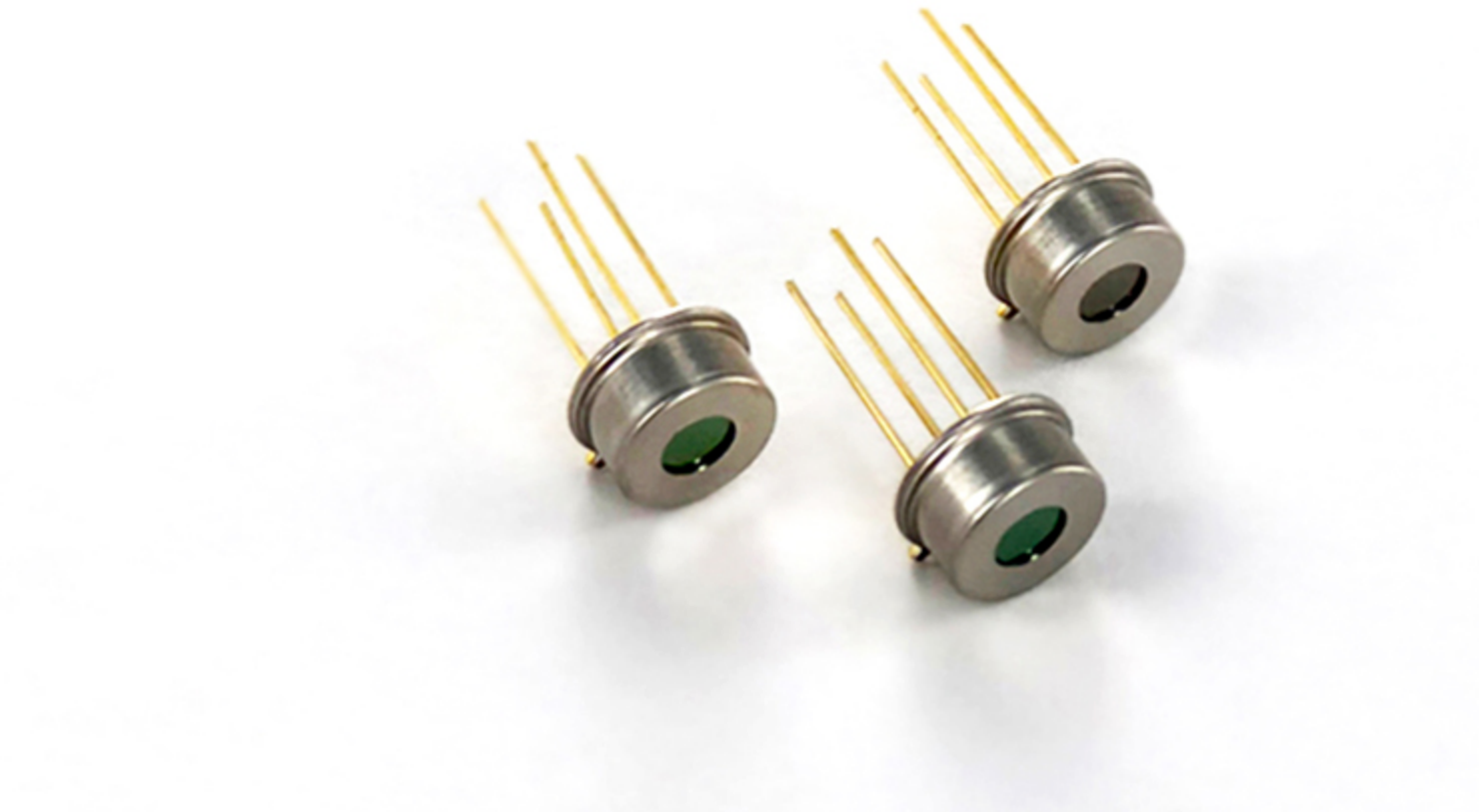


# Digital Thermopile Sensor Compact Pkg



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The TSD Series includes an infrared sensor and a sensor signal conditioner.



TSD Series digital thermopile sensors include an infrared sensor and integrated signal conditioner. These thermopile sensors can directly interface with micro-controllers through an I<sup>2</sup>C interface.



## Benefits

- 0°C ... up to +300°C measurement ranges
- Small size
- Small field of view available
- Up to ±1°C accuracy
- I<sup>2</sup>C Interface
- Low current consumption
- Operating temperature range: -10°C to +85°C

## Applications

- Contactless temperature measurement
- Climate control
- Industrial process control
- Household applications

## Features

### Reference Number

TE Internal Number

CAT-TSD0001



SEE PRODUCTS ON NEXT PAGE

## Related Materials

### Application Note

[TSD Digital Thermopile Sensor Application Note](#)

English

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### Infographic

[TSD Infographic Sensor](#)

English

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### Brochure

[Sensor Solutions for Medical Applications](#)

English

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### Sell Sheet

[Medical Device Sensor Solutions](#)

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