

**TMP451AIDQFT Information**


For Reference Only

**Part Number** [TMP451AIDQFT](#)  
**Manufacturer** Texas Instruments  
**Category** Sensors, Transducers  
[Temperature Sensors, Transducers](#)  
**Description** SENSOR TEMPERATURE SMBUS 8WSON  
**Package** 8-WDFN  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**TMP451AIDQFT Specifications**

Manufacturer Part Number	<a href="#">TMP451AIDQFT</a>
Manufacturer	Texas Instruments
Category	Sensors, Transducers <a href="#">Temperature Sensors, Transducers</a>
Package	8-WDFN
Series	-
Sensor Type	Digital, Local/Remote
Sensing Temperature - Local	-40°C ~ 125°C
Sensing Temperature - Remote	-64°C ~ 191°C
Output Type	SMBus
Voltage - Supply	1.7 V ~ 3.6 V
Resolution	11 b
Features	One-Shot, Output Switch, Programmable Limit, Shutdown Mode
Accuracy - Highest (Lowest)	±1°C (±2°C)
Test Condition	0°C ~ 70°C (-40°C ~ 125°C)
Operating Temperature	-55°C ~ 127°C
Mounting Type	Surface Mount
Package / Case	8-WDFN
Supplier Device Package	8-WSON (2x2)

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## TMP451AIDQFT Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## TMP451AIDQFT Payment Methods



## TMP451AIDQFT Shipping Methods



If you have any question about TMP451AIDQFT, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)