

**DS1631 Information**


For Reference Only

**Part Number** [DS1631](#)  
**Manufacturer** Maxim Integrated  
**Category** Sensors, Transducers  
[Temperature Sensors, Transducers](#)  
**Description** SENSOR TEMPERATURE I2C 8DIP  
**Package** 8-DIP (0.300", 7.62mm)  
 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.


**DS1631 Specifications**

Manufacturer Part Number	<a href="#">DS1631</a>
Manufacturer	Maxim Integrated
Category	Sensors, Transducers <a href="#">Temperature Sensors, Transducers</a>
Package	8-DIP (0.300", 7.62mm)
Series	-
Sensor Type	Digital, Local
Sensing Temperature - Local	-55°C ~ 125°C
Sensing Temperature - Remote	-
Output Type	I2C
Voltage - Supply	2.7 V ~ 5.5 V
Resolution	11 b
Features	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Standby Mode
Accuracy - Highest (Lowest)	±0.5°C (±2°C)
Test Condition	0°C ~ 70°C (-55°C ~ 125°C)
Operating Temperature	-55°C ~ 125°C
Mounting Type	Through Hole
Package / Case	8-DIP (0.300", 7.62mm)
Supplier Device Package	8-DIP

[Report errors?](#)

## DS1631 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.

## DS1631 Payment Methods



## DS1631 Shipping Methods



If you have any question about DS1631, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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