

Thermostats Programmable Digital Thermo-stat/monitor

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TO-92
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for DS1821C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

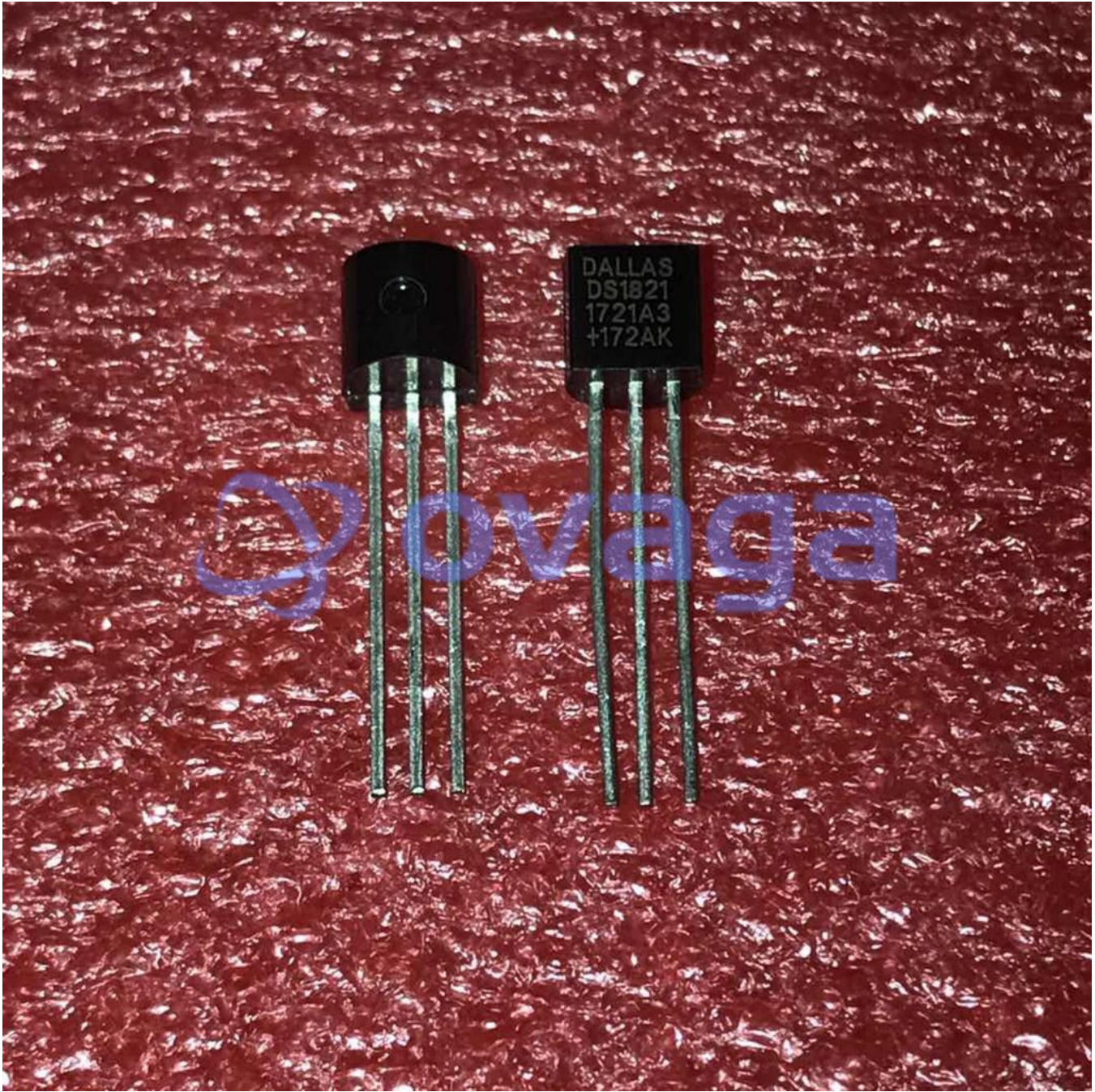
DS1821C is a digital temperature sensor and thermostat IC (integrated circuit) manufactured by Maxim Integrated.

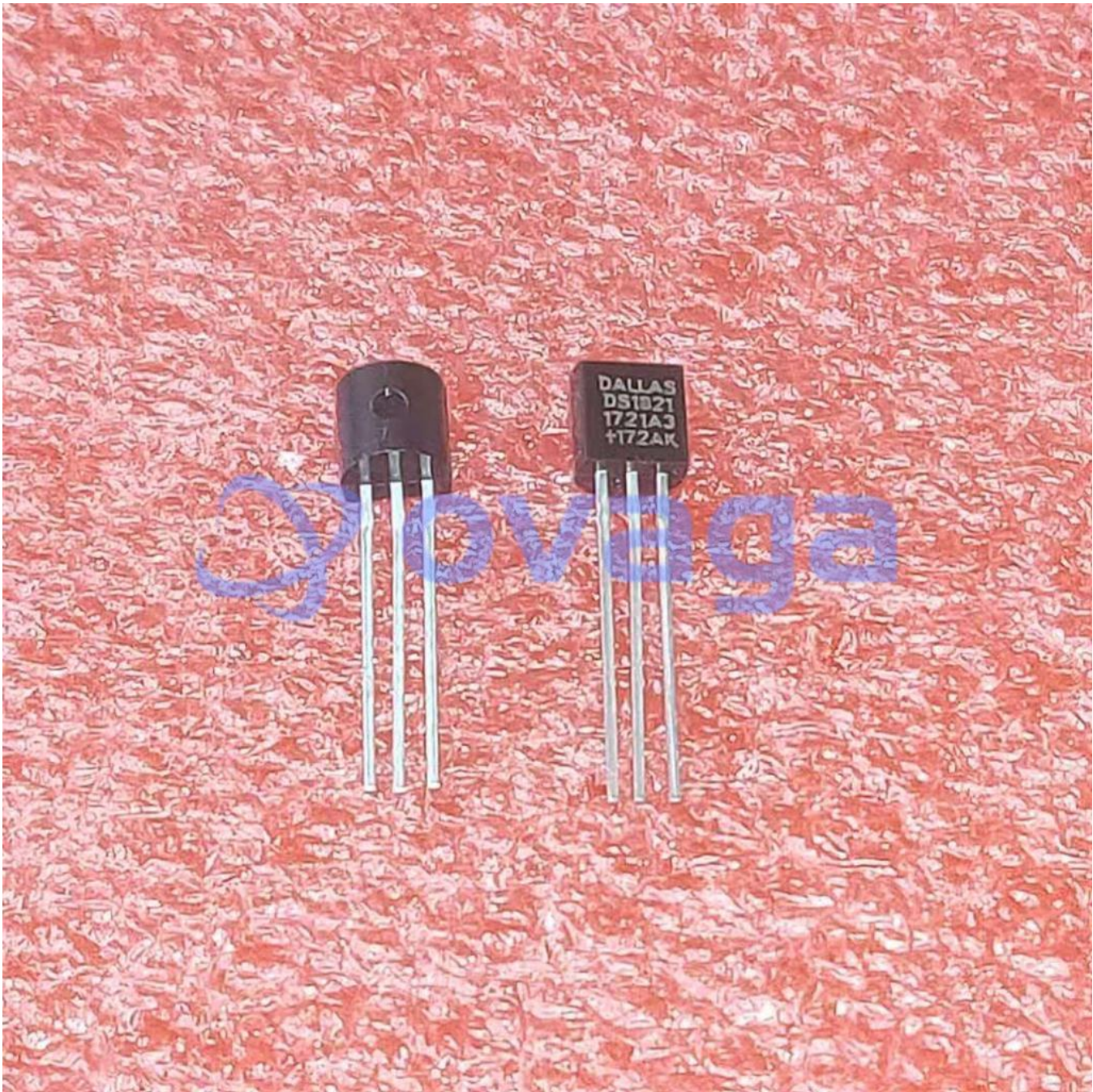
### Features

- Temperature measurement range of -55°C to +125°C
- 9-bit temperature resolution (0.5°C)
- Programmable temperature set points with hysteresis
- Digital output for temperature measurement and thermostat status
- Nonvolatile (NV) memory for storing temperature set points and configuration data
- SPI (serial peripheral interface) communication protocol

### Application

- Temperature monitoring and control in industrial and commercial equipment
- Environmental monitoring systems
- HVAC (heating, ventilation, and air conditioning) systems
- Automotive applications
- Power management systems
- Medical equipment



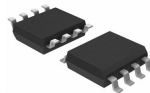


## Related Products



### [DS28E01-100](#)

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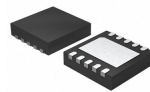
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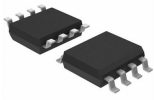
### [DS2431Q+](#)

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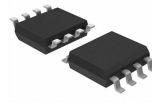
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