

## Sensor Interface K Thermocouple to Digital Converter

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP-8
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX6675ISA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

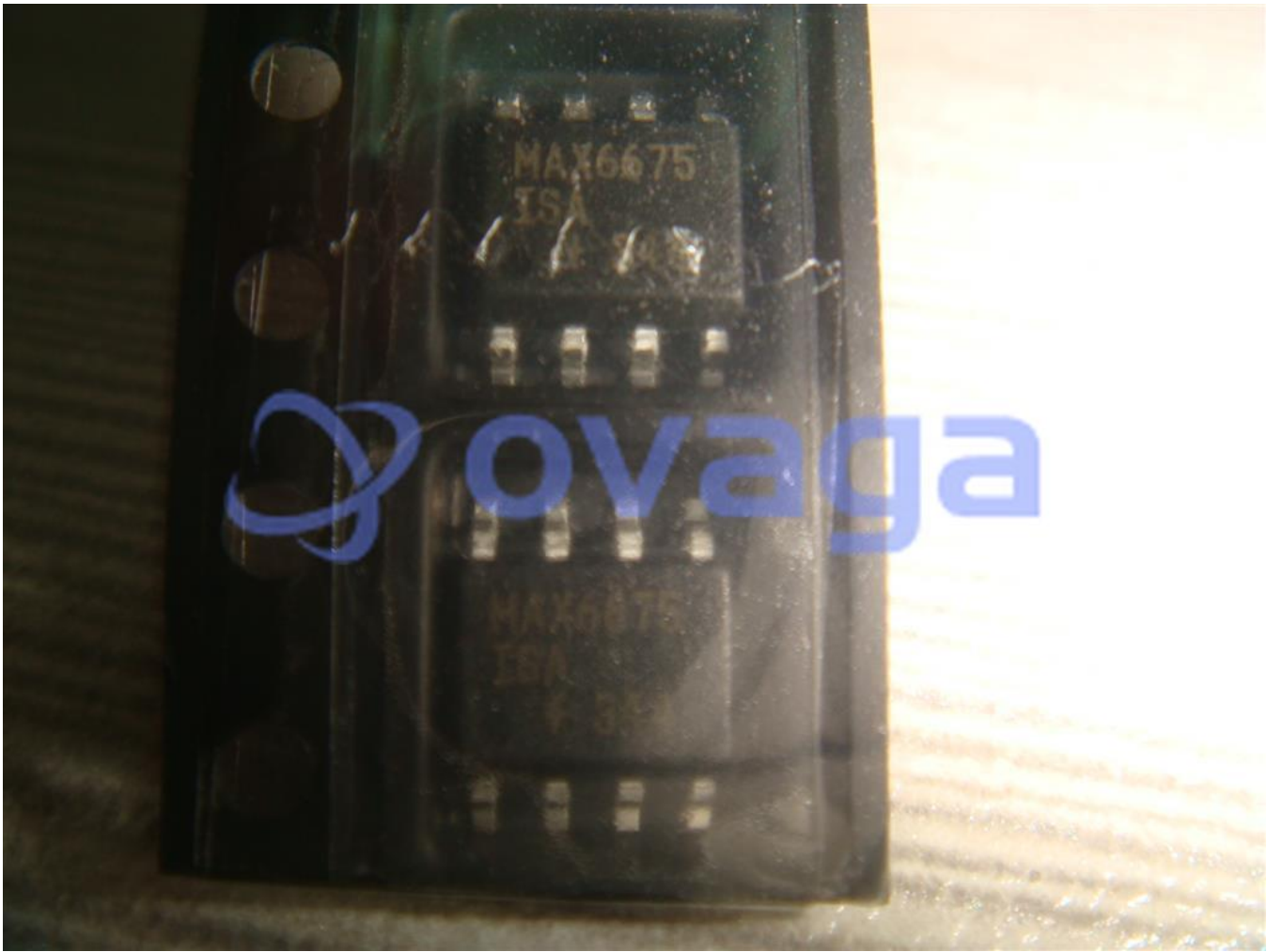
MAX6675ISA is a thermocouple-to-digital converter IC manufactured by Maxim Integrated. It is a compact, low-power device designed to convert the thermoelectric voltage generated by a thermocouple to a 12-bit digital output.

### Features

- Works with type K thermocouples
- Supports temperatures from -270°C to +1372°C
- 12-bit resolution
- SPI-compatible interface
- Low power consumption
- Cold-junction compensation

### Application

- Temperature sensing and control in industrial and automotive applications
- Temperature measurement in scientific and medical instrumentation
- Heating, ventilation, and air conditioning (HVAC) systems
- Gas and liquid flow monitoring
- Food and beverage processing and storage

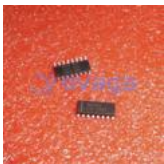


**Related Products**



[MAX3232EEUE](#)

Analog Devices, Inc  
TSSOP-16



[MAX202CSE](#)

Analog Devices, Inc  
SOP-16



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[MAX490MJA](#)

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CDIP-8



[MAX4544EUT+T](#)

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