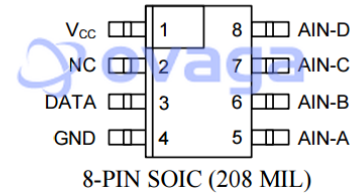


1-Wire Quad A/D Converter

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-16
Product Type	Data Conversion ICs
RoHS	
Lifecycle	

PIN ASSIGNMENT



Images are for reference only

Please submit RFQ for DS2450S or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The DS2450S is a 1-Wire Quad A/D Converter with Programmable Input Ranges manufactured by Maxim Integrated. It is designed for applications that require the conversion of analog signals to digital data using a single-wire interface.

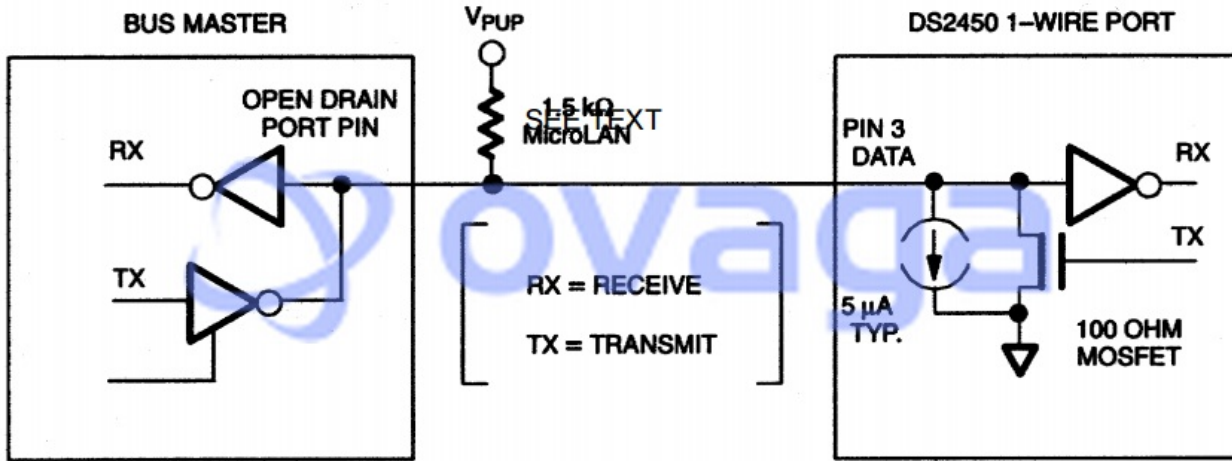
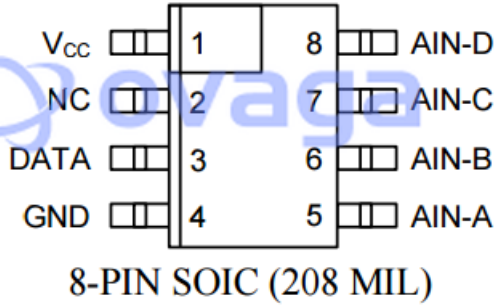
Features

- 1-Wire interface for simplified communication
- Quad-channel analog-to-digital conversion
- Programmable input ranges for flexibility
- 12-bit resolution for accurate measurements
- Integrated temperature sensor
- Low power consumption
- Wide supply voltage range: 2.7V to 5.5V
- Small package options for space-constrained applications

Application

- Sensor networks
- Data logging
- Industrial automation
- Energy management systems
- Environmental monitoring
- Battery-powered devices

PIN ASSIGNMENT

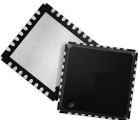


Related Products



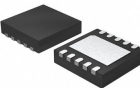
[ADS8-V1EBZ](#)

Analog Devices, Inc
BOARD



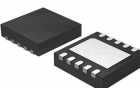
[ADS6145IRHBR](#)

Analog Devices, Inc
QFN-32



[DS4424N+T&R](#)

Analog Devices, Inc
TDFN14



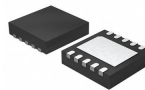
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Analog Devices, Inc
TDFN-14



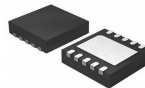
[DS4432U+](#)

Analog Devices, Inc
uSOP-8



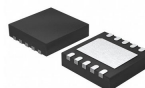
[DS4422N+](#)

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[DS4422N+T&R](#)

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TDFN-14



[DS4424N+](#)

Analog Devices, Inc
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