

Board Mount Temperature Sensors Thermocouple Amp w/Cold Jct Compensat

Manufacturers	Analog Devices, Inc
Package/Case	MSOP8
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD8494ARMZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD8494ARMZ is a precision instrumentation amplifier with thermocouple cold junction compensation, manufactured by Analog Devices Inc. It is designed to amplify small differential signals in the presence of a large common-mode voltage, making it suitable for use in temperature measurement applications using thermocouples.

Features

- Cold junction compensation for thermocouples
- Low input offset voltage and low noise
- High input impedance
- Wide temperature measurement range (-40°C to +125°C)
- Internal low-drift voltage reference
- Single-supply operation (2.7V to 5.5V)

Application

- Temperature measurement and control systems
- Industrial process control
- Medical and scientific instrumentation
- Heating, ventilation, and air conditioning (HVAC) systems





Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7391WBCPZ](#)

Analog Devices, Inc
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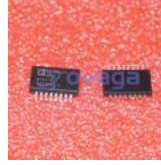
[ADV7390BCPZ](#)

Analog Devices, Inc
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[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[ADUM4160BRIZ](#)

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