

Temperature Sensor IC, Voltage, $\pm 1^{\circ}\text{C}$, -55°C , 125°C , DIP, 14 Pins

Manufacturers	Analog Devices, Inc
Package/Case	CDIP-14
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD595CQ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD595CQ is an integrated circuit (IC) temperature sensor produced by Analog Devices. It is designed to measure the temperature of a thermocouple and provide a corresponding output voltage in the range of -10mV to $+20\text{mV}$.

Features

- Temperature range: -55°C to $+125^{\circ}\text{C}$
- Output voltage range: -10mV to $+20\text{mV}$
- Accuracy: $\pm 0.5^{\circ}\text{C}$ at 25°C , $\pm 1^{\circ}\text{C}$ over full temperature range
- Supports type J, K, T, E, R, S, and B thermocouple types
- Low output noise and low power consumption

Application

- MAX6675ISA+
- MAX31855KASA+
- MAX31856ASA+
- LM35DZ/NOPB
- MCP9700A-E/TO
- TMP36GT9Z



Related Products



[ADP3336ARMZ-REEL7](#)

Analog Devices, Inc
MSOP-8



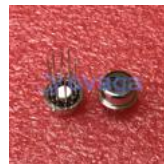
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