

Low-Power Linear Active Thermistor[®] ICs, Board Mount Temperature Sensors Lin Active Therm

Manufacturers	Microchip Technology, Inc
Package/Case	SC70-5
Product Type	Temperature Sensors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCP9701AT-E/LT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Linear Active Thermistor[™] ICs are sensors whose output voltage is directly proportional to measured temperature. The MCP9701A can accurately measure temperature from -40C to +125C. The output of the MCP9701A is calibrated to a slope of 19.53mV/°C and has a DC offset of 400mV. The offset allows reading negative temperatures without the need for a negative supply. The MCP9700A is packaged in space saving 5-pin SC-70, and 3-ld TO-92 packages.

Features

Linear Temperature Slope: 19.53mV/°C

Very low Operating Current: 12µA (max)

Operates from 3.1V to 5.5V

No external Components Required

Space-saving SC-70 Package

AEC-Q100 Qualified Grade 1



Related Products



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