MAX31865ATP+

Data Sheet

Temperature Sensor IC, RTD, Digital, ± 0.5°C, -40 °C, 125 °C, TQFN, 20 Pins

Manufacturers	Analog Devices, Inc
Package/Case	QFN20
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for MAX31865ATP+ or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

MAX31865ATP+ is a digital thermocouple to digital converter IC manufactured by Maxim Integrated. It is designed to convert the signal from a thermocouple into a 16-bit digital value, allowing for accurate temperature measurements. The MAX31865ATP+ is specifically designed for use with type K thermocouples, but it can also be used with other types of thermocouples with the appropriate external components.

Features

Cold-junction compensation

High accuracy (±0.5°C)

SPI-compatible interface

3.3V or 5V supply voltage

Internal temperature sensor

Fault detection and indication

8-pin TDFN or SO package options

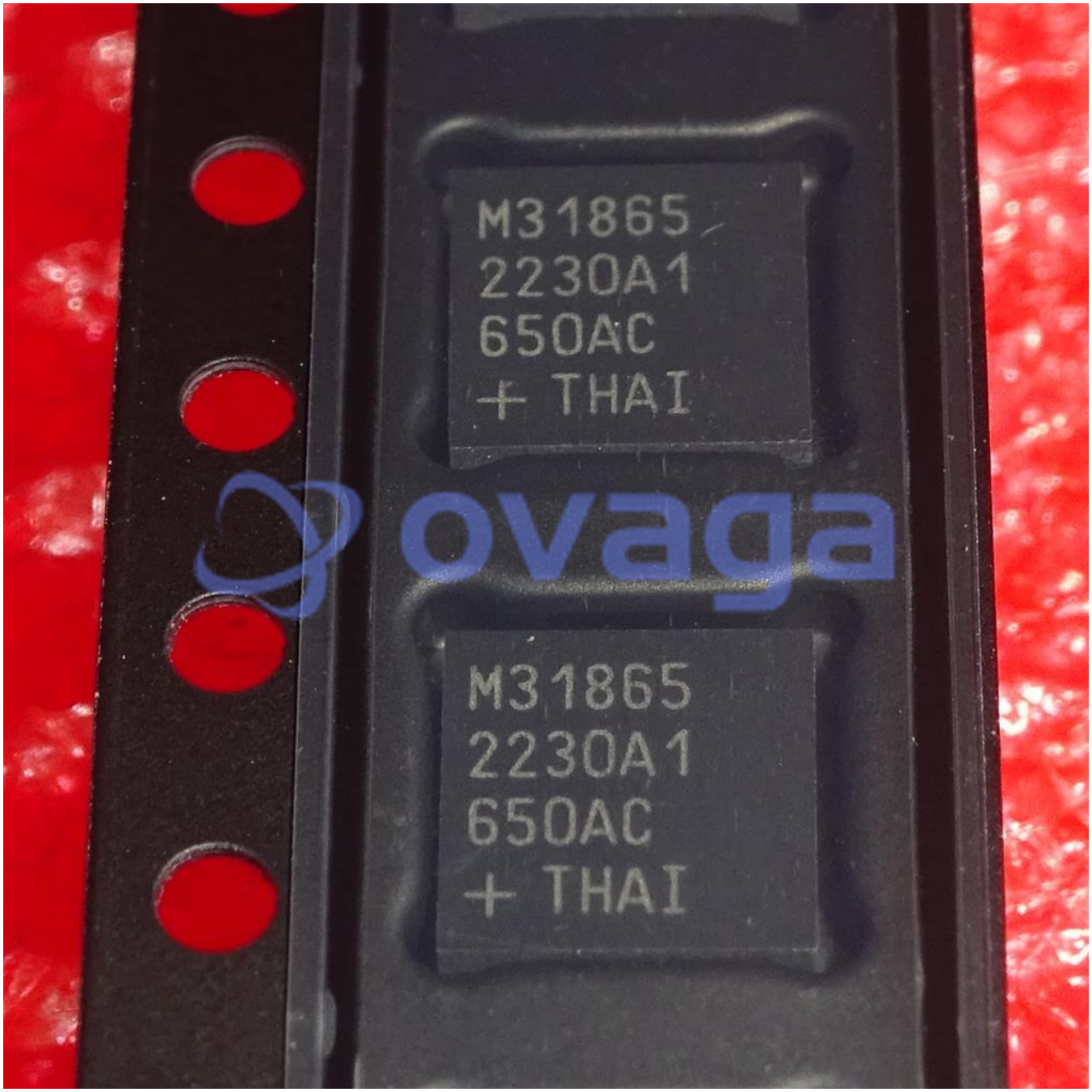
Application

Temperature sensing and control in industrial and automotive applications

Temperature monitoring in medical devices

Temperature measurement in food processing and storage

HVAC (heating, ventilation, and air conditioning) systems



Related Products

[MAX813L](#)

Analog Devices, Inc

[MAX8869EUE33](#)

Analog Devices, Inc

TSSOP-16

[MAX7219CWG+T](#)

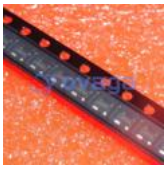
Analog Devices, Inc

SOIC-24

[MAX1951ESA](#)

Analog Devices, Inc

SOIC-8



MAX811SEUS+T

Analog Devices, Inc

SOT-4

MAX1708EEE

Analog Devices, Inc

QSOP-16

MAX8556ETE

Analog Devices, Inc

TQFN-16

MAX618EEE

Analog Devices, Inc

QSOP-16