

Low Power, Programmable Temperature Controller (Temperature Sensor)

Manufacturers	Analog Devices, Inc
Package/Case	CAN8
Product Type	Temperature Sensors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TMP01FJ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TMP01FJ is a temperature sensor IC manufactured by Texas Instruments. It is a precision, analog output temperature sensor that can measure temperatures ranging from -55°C to +130°C with an accuracy of $\pm 1^\circ\text{C}$.

Features

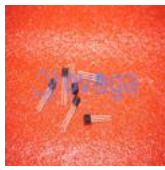
- Temperature range: -55°C to +130°C
- Accuracy: $\pm 1^\circ\text{C}$
- Analog output voltage proportional to temperature
- Low power consumption
- Small form factor (SOT-23-6 package)

Application

- Industrial and automotive temperature sensing
- Thermal management systems
- HVAC (heating, ventilation, and air conditioning) systems
- Battery management systems
- Medical equipment



Related Products



[TMP36GT9Z](#)
Analog Devices, Inc
TO-92



[TMP01ES](#)
Analog Devices, Inc
SOP8



[TMP03FS](#)

Analog Devices, Inc
SOP-8



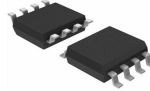
[TMP05AKSZ-500RL7](#)

Analog Devices, Inc
SOT-23-5



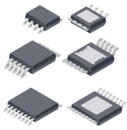
[TMP05BKSZ-500RL7](#)

Analog Devices, Inc
SC-70



[TMP03FSZ](#)

Analog Devices, Inc
SO-8



[TMP17FS](#)

Analog Devices, Inc
SOIC N



[TMP04FS](#)

Analog Devices, Inc
SOIC 8