

## 製品概要

### ADT7475: Remote Thermal Monitor and Fan Controller

技術情報は、データシートをご参照ください。

The ADT7475 controller is a thermal monitor and multiple PWM fan controller for noise-sensitive or power-sensitive applications requiring active system cooling. The ADT7475 can drive a fan using either a low or high frequency drive signal, monitor the temperature of up to two remote sensor diodes plus its own internal temperature, and measure and control the speed of up to four fans so that they operate at the lowest possible speed for minimum acoustic noise.

### 特長

- Controls and Monitors up to 4 Fans
- High and Low Frequency Fan Drive Signal
- 1 On-chip and 2 Remote Temperature Sensors
- Series Resistance Cancellation on the Remote Channel
- Extended temp measurement range, up to 191°C
- Dynamic TMIN control mode optimizes system acoustics intelligently
- Automatic fan speed control mode controls system cooling based on measured temperature
- Enhanced Acoustic Mode Dramatically Reduces User Perception of Changing Fan Speeds
- Thermal Protection Feature via THERM Output
- Thermal Control Circuit via THERM Input

For more features, see the data sheet

### アプリケーション

- Thermal Management

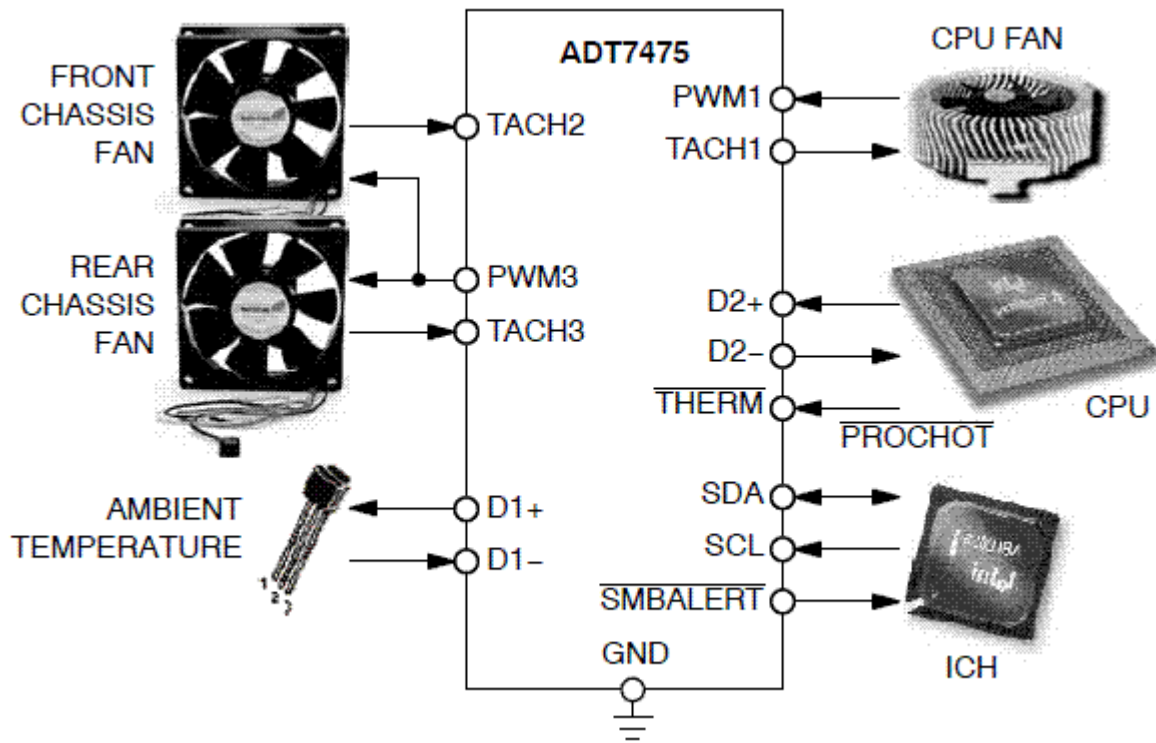
### 最終製品

- Notebook and Desktop Computers
- Servers
- Game Consoles
- RFID Readers

### 電氣的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Data Transmission Standard	I <sub>CC</sub> Max (mA)	V <sub>CC</sub> Min (V)	V <sub>CC</sub> Max (V)	T Min (°C)	T Max (°C)	Package Type
ADT7475ARQZ-REEL	1.32	Pb-free Halide free	Active	SMBus	3	3	3.6	-40	125	QSOP-16

# アプリケーション・ダイアグラム



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