

Kernel driver adm1031

Supported chips:

\* Analog Devices ADM1030

Prefix: 'adm1030'

Addresses scanned: I2C 0x2c to 0x2e

Datasheet: Publicly available at the Analog Devices website

<http://www.analog.com/en/prod/0%2C2877%2CADM1030%2C00.html>

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Description

The ADM1030 and ADM1031 are digital temperature sensors and fan controllers. They sense their own temperature as well as the temperature of up to one (ADM1030) or two (ADM1031) external diodes.

All temperature values are given in degrees Celsius. Resolution is 0.5 degree for the local temperature, 0.125 degree for the remote temperatures.

Each temperature channel has its own high and low limits, plus a critical limit.

The ADM1030 monitors a single fan speed, while the ADM1031 monitors up to two. Each fan channel has its own low speed limit.