

Kernel driver sl28cpld

Supported chips:

- Kontron sl28cpld

Prefix: 'sl28cpld'

Datasheet: not available

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Description

The sl28cpld is a board management controller which also exposes a hardware monitoring controller. At the moment this controller supports a single fan supervisor. In the future there might be other flavours and additional hardware monitoring might be supported.

The fan supervisor has a 7 bit counter register and a counter period of 1 second. If the 7 bit counter overflows, the supervisor will automatically switch to x8 mode to support a wider input range at the loss of granularity.

Sysfs entries

The following attributes are supported.

fan1_input	Fan RPM. Assuming 2 pulses per revolution.
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