

Kernel driver pli1209bc

Supported chips:

- Digital Supervisor PLI1209BC

Prefix: 'pli1209bc'

Addresses scanned: 0x50 - 0x5F

Datasheet: <https://www.vicorpower.com/documents/datasheets/ds-PLI1209BCxyz-VICOR.pdf>

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Description

The Vicor PLI1209BC is an isolated digital power system supervisor that provides a communication interface between a host processor and one Bus Converter Module (BCM). The PLI communicates with a system controller via a PMBus compatible interface over an isolated UART interface. Through the PLI, the host processor can configure, set protection limits, and monitor the BCM.

Sysfs entries

in1_label	"vin2"
in1_input	Input voltage.
in1_rated_min	Minimum rated input voltage.
in1_rated_max	Maximum rated input voltage.
in1_max	Maximum input voltage.
in1_max_alarm	Input voltage high alarm.
in1_crit	Critical input voltage.
in1_crit_alarm	Input voltage critical alarm.
in2_label	"vout2"
in2_input	Output voltage.
in2_rated_min	Minimum rated output voltage.
in2_rated_max	Maximum rated output voltage.
in2_alarm	Output voltage alarm.
curr1_label	"iin2"
curr1_input	Input current.
curr1_max	Maximum input current.
curr1_max_alarm	Maximum input current high alarm.
curr1_crit	Critical input current.
curr1_crit_alarm	Input current critical alarm.
curr2_label	"iout2"
curr2_input	Output current.
curr2_crit	Critical output current.
curr2_crit_alarm	Output current critical alarm.
curr2_max	Maximum output current.
curr2_max_alarm	Output current high alarm.
power1_label	"pin2"
power1_input	Input power.
power1_alarm	Input power alarm.
power2_label	"pout2"
power2_input	Output power.
power2_rated_max	Maximum rated output power.
temp1_input	Die temperature.
temp1_alarm	Die temperature alarm.
temp1_max	Maximum die temperature.
temp1_max_alarm	Die temperature high alarm.
temp1_crit	Critical die temperature.
temp1_crit_alarm	Die temperature critical alarm.