

Kernel driver ir36021

Supported chips:

- Infineon IR36021

Prefix: ir36021 Addresses scanned: -

Datasheet: Publicly available at the Infineon website

<https://www.infineon.com/dgdl/ir36021.pdf?fileId=5546d462533600a4015355d0aa2d1775>

Authors:

- Chris Packham <chris.packham@alliedtelesis.co.nz>

Description

The IR36021 is a dual-loop digital multi-phase buck controller designed for point of load applications.

Usage Notes

This driver does not probe for PMBus devices. You will have to instantiate devices explicitly.

Sysfs attributes

curr1_label	"iin"
curr1_input	Measured input current
curr1_alarm	Input fault alarm
curr2_label	"iout1"
curr2_input	Measured output current
curr2_alarm	Output over-current alarm
in1_label	"vin"
in1_input	Measured input voltage
in1_alarm	Input under-voltage alarm
in2_label	"vout1"
in2_input	Measured output voltage
in2_alarm	Output over-voltage alarm
power1_label	"pin"
power1_input	Measured input power
power1_alarm	Input under-voltage alarm
power2_label	"pout1"
power2_input	Measured output power
temp1_input	Measured temperature
temp1_alarm	Temperature alarm
temp2_input	Measured other loop temperature
temp2_alarm	Temperature alarm