

Kernel driver ibm-cffps

Supported chips:

- IBM Common Form Factor power supply

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Description

This driver supports IBM Common Form Factor (CFF) power supplies. This driver is a client to the core PMBus driver.

Usage Notes

This driver does not auto-detect devices. You will have to instantiate the devices explicitly. Please see [Documentation/i2c/instantiating-devices.rst](#) for details.

Sysfs entries

The following attributes are supported:

curr1_alarm	Output current over-current alarm.
curr1_input	Measured output current in mA.
curr1_label	"iout1"
fan1_alarm	Fan 1 warning.
fan1_fault	Fan 1 fault.
fan1_input	Fan 1 speed in RPM.
fan2_alarm	Fan 2 warning.
fan2_fault	Fan 2 fault.
fan2_input	Fan 2 speed in RPM.
in1_alarm	Input voltage under-voltage alarm.
in1_input	Measured input voltage in mV.
in1_label	"vin"
in2_alarm	Output voltage over-voltage alarm.
in2_input	Measured output voltage in mV.
in2_label	"vout1"
power1_alarm	Input fault or alarm.
power1_input	Measured input power in uW.
power1_label	"pin"
temp1_alarm	PSU inlet ambient temperature over-temperature alarm.
temp1_input	Measured PSU inlet ambient temp in millidegrees C.
temp2_alarm	Secondary rectifier temp over-temperature alarm.
temp2_input	Measured secondary rectifier temp in millidegrees C.
temp3_alarm	ORing FET temperature over-temperature alarm.
temp3_input	Measured ORing FET temperature in millidegrees C.