

Kernel driver menf21bmc_hwmon

Supported chips:

- MEN 14F021P00
Prefix: 'menf21bmc_hwmon'
Adresses scanned: -

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Description

The menf21bmc is a Board Management Controller (BMC) which provides an I2C interface to the host to access the features implemented in the BMC.

This driver gives access to the voltage monitoring feature of the main voltages of the board. The voltage sensors are connected to the ADC inputs of the BMC which is a PIC16F917 Mikrocontroller.

Usage Notes

This driver is part of the MFD driver named "menf21bmc" and does not auto-detect devices. You will have to instantiate the MFD driver explicitly. Please see Documentation/i2c/instantiating-devices.rst for details.

Sysfs entries

The following attributes are supported. All attributes are read only The Limits are read once by the driver.

in0_input	+3.3V input voltage
in1_input	+5.0V input voltage
in2_input	+12.0V input voltage
in3_input	+5V Standby input voltage
in4_input	VBAT (on board battery)
in[0-4]_min	Minimum voltage limit
in[0-4]_max	Maximum voltage limit
in0_label	"MON_3_3V"
in1_label	"MON_5V"
in2_label	"MON_12V"
in3_label	"5V_STANDBY"
in4_label	"VBAT"