

# Kernel driver tps23861

Supported chips:

- Texas Instruments TPS23861

Prefix: 'tps23861'

Datasheet: <https://www.ti.com/lit/gpn/tps23861>

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## Description

This driver supports hardware monitoring for Texas Instruments TPS23861 PoE PSE.

TPS23861 is a quad port IEEE802.3at PSE controller with optional I2C control and monitoring capabilities.

TPS23861 offers three modes of operation: Auto, Semi-Auto and Manual.

This driver only supports the Auto mode of operation providing monitoring as well as enabling/disabling the four ports.

## Sysfs entries

in[0-3]_input	Voltage on ports [1-4]
in[0-3]_label	"Port[1-4]"
in4_input	IC input voltage
in4_label	"Input"
temp1_input	IC die temperature
temp1_label	"Die"
curr[1-4]_input	Current on ports [1-4]
in[1-4]_label	"Port[1-4]"
in[0-3]_enable	Enable/disable ports [1-4]