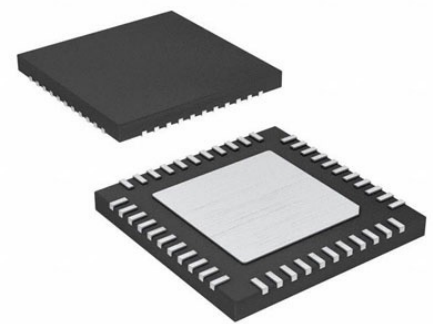


Current & Power Monitors & Regulators Dual High-Side Current Sensor, I2C/SMBus, 32V with Accumulator

Manufacturers	Microchip Technology, Inc
Package/Case	16-UQFN
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PAC1932T-I/JQ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The PAC1932 is a dual power monitor and energy monitor that reports on bus voltage and sense voltage 16-bits of resolution. Power is reported as a simultaneous product of two 16-bit independent bus and sense voltages. All registers are accessible through I2C / SMBus including an 8 sample average for reading stability.

Features

Dual High-Side Current Sensor

100 mV full scale range for current sense voltage

Selectable bidirectional measurement capability

External sense resistor sets full scale current range

0 to 32V Input Common-Mode Voltage

1% Power Measurement Accuracy Over a Wide Dynamic Range

On-Chip Accumulation of 28-bit Power Results for Energy Measurement

48-bit power accumulator register

Sampling rates of 8, 64, 256, and 1024 samples per second

At least 17 minutes of power accumulation data at 1024 samples per second

2.7V to 5.5V Supply Operation

Separate VDD for I/O pin

1.62-5.5 capable SMBus and digital I/O

SMBus 3.0 and I2C Fast Mode Plus

WLCSP 2.225 x 2.17 or 4x4 uQFN-16

Related Products



[PAC1720-1-AIA-TR](#)

Microchip Technology, Inc
VDFN-10



[PAC1710-1-AIA-TR](#)

Microchip Technology, Inc
VDFN-10



[TC4426EPA](#)

Microchip Technology, Inc
PDIP-8



[TC4421EPA](#)

Microchip Technology, Inc
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[TC4426AVPA](#)

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[TC1232EPA](#)

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[TC4424CPA](#)

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PDIP-8