

13-Bit Differential Input, Low Power A/D Converter with SPI<sup>®</sup> Serial Interface, ADC (A/D Converters) 13-bit Diff In 1 Chl

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	SOIC-8
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCP3301-CI/SN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The MCP3301 13-bit Analog to Digital Converter (ADC) features a full differential input and low power consumption in a small package that is ideal for battery powered systems and remote data acquisition applications. The industry-standard SPI<sup>™</sup> serial interface enables 13-bit ADC capability to be added to any PICmicro<sup>®</sup> microcontroller. The MCP3301 features 100k samples/second, 1 input channel, low power consumption (300 nA typical standby, 450µA maximum active), and is available in 8-pin PDIP, SOIC and MSOP packages. The full differential input of the MCP3301 enables a wide variety of signals to be used in applications such as remote data acquisition, portable instrumentation, and battery operated applications.

## Features

AEC-Q100Grade 3

## Related Products



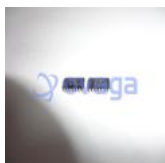
### [MCP4706A0T-E/CH](#)

Microchip Technology, Inc  
SOT-23-6



### [MCP3903-I/SS](#)

Microchip Technology, Inc  
SSOP-28



### [MCP4922-E/SL](#)

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SOIC-14



### [MCP48CVB21-E/UN](#)

Microchip Technology, Inc  
10-TFSOP, 10-MSOP (0.118, 3.00mm Width)



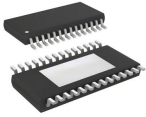
[MCP4716A0T-E/MAY](#)

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[MCP4728A1T-E/UN](#)

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[MCP3564RT-E/ST](#)

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