

2.7V Dual Channel 12-Bit A/D Converter with SPI Serial Interface,ADC (A/D Converters)
12-bit SPI Dual Chl

Manufacturers	Microchip Technology, Inc
Package/Case	SOIC-8
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCP3202-BI/SN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MCP3202 12-bit Analog-to-Digital Converter (ADC) combines high performance and low power consumption in a small package, making it ideal for embedded control applications. The MCP3202 features a successive approximation register (SAR) architecture and an industry-standard SPI™ serial interface, allowing 12-bit ADC capability to be added to any PICmicro® microcontroller. The MCP3202 features 100k samples/second, 2 input channels, low power consumption (5nA typical standby, 550 µA max. active), and is available in 8-pin PDIP, SOIC and TSSOP packages. Applications for the MCP3202 include data acquisition, instrumentation and measurement, multi-channel data loggers, industrial PCs, motor control, robotics, industrial automation, smart sensors, portable instrumentation and home medical appliances.

Features

AEC-Q100Grade 3

Related Products



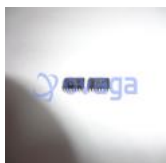
[MCP4706A0T-E/CH](#)

Microchip Technology, Inc
SOT-23-6



[MCP3903-I/SS](#)

Microchip Technology, Inc
SSOP-28



[MCP4922-E/SL](#)

Microchip Technology, Inc
SOIC-14



[MCP48CVB21-E/UN](#)

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



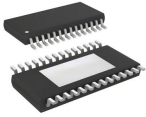
[MCP4716A0T-E/MAY](#)

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DFN-6



[MCP4728A1T-E/UN](#)

Microchip Technology, Inc
DFN-10



[MCP3564RT-E/ST](#)

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TSSOP-20



[MCP3204-CI/ST](#)

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TSSOP-14