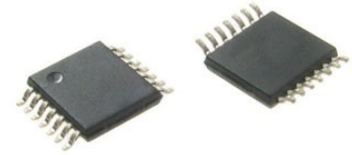


Analogue to Digital Converter, 12 bit, 100 kSPS, Pseudo Differential, Single Ended, SPI, Single

Manufacturers	Microchip Technology, Inc
Package/Case	TSSOP-14
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCP3204-CI/ST or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MCP3204 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 MCP3204 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 MCP3204 features 100k samples/second, 4 input channels, low power consumption (5nA typical standby, 400 µA max. active), and is available in 14-pin PDIP, SOIC and TSSOP packages. Applications for the MCP3204 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



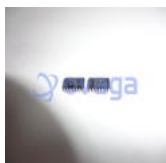
[MCP4706A0T-E/CH](#)

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)



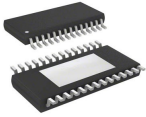
[MCP4716A0T-E/MAY](#)

Microchip Technology, Inc
DFN-6



[MCP4728A1T-E/UN](#)

Microchip Technology, Inc
DFN-10



[MCP3564RT-E/ST](#)

Microchip Technology, Inc
TSSOP-20



[MCP3301-CI/SN](#)

Microchip Technology, Inc
SOIC-8