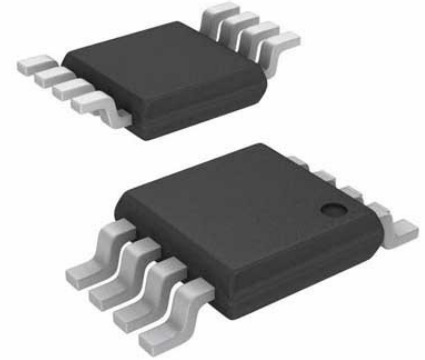2.7V Dual Channel 10-Bit A/D Converter with SPI⑩ Serial Interface,ADC (A/D Converters) 10-bit SPI Dual Chl

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

Images are for reference only

Please submit RFQ for MCP3002-I/MS or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

MCP3002 10-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 MCP3002 features a successive approximation register (SAR) architecture and an industry-standard SPI™ serial interface, allowing 10-bit ADC capability to be added to any PICmicro® microcontroller. The MCP3002 features 200k samples/second, 2 input channels, low power consumption (5nA typical standby, 520μA typical active), and is available in 8-pin PDIP, SOIC and TSSOP packages. Applications for the MCP3002 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.
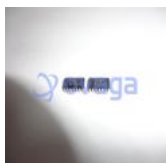
Features

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

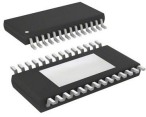Microchip Technology, Inc

10-TFSOP, 10-MSOP (0.118, 3.00mm Width)
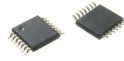
MCP4716A0T-E/MAY

Microchip Technology, Inc

DFN-6

MCP4728A1T-E/UN

Microchip Technology, Inc

DFN-10

MCP3564RT-E/ST

Microchip Technology, Inc

TSSOP-20

MCP3204-CI/ST

Microchip Technology, Inc

TSSOP-14