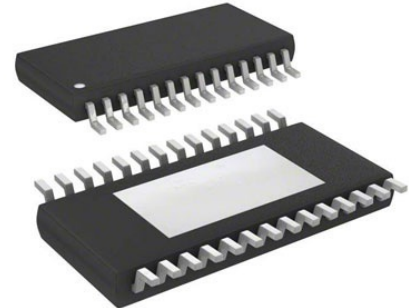


24-bit delta-sigma ADC, Quad channel, 3V, TSSOP, Int Vref

| | |
|---------------|---|
| Manufacturers | Microchip Technology, Inc |
| Package/Case | TSSOP-20 |
| Product Type | Data Conversion ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for MCP3564RT-E/ST or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MCP3564RT-E/ST is a 24-bit, delta-sigma analog-to-digital converter (ADC) manufactured by Microchip Technology. It is designed to provide high-precision conversion of analog signals into digital data with low noise and excellent linearity.

Features

- 24-bit resolution for high-precision conversion
- Delta-sigma architecture for enhanced noise performance
- Low-noise performance for accurate measurements
- Low power consumption
- Wide input voltage range: 0 V to VREF
- On-chip voltage reference
- Serial interface (SPI) for easy communication
- Small package for space-constrained applications

Application

- Data acquisition systems
- Industrial automation
- Sensor interfaces
- Instrumentation and measurement equipment
- Energy management systems
- Calibration and testing equipment

Related Products



[MCP4706A0T-E/CH](#)

Microchip Technology, Inc
SOT-23-6



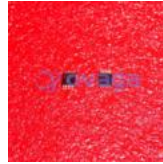
[MCP3903-I/SS](#)

Microchip Technology, Inc
SSOP-28



[MCP4922-E/SL](#)

Microchip Technology, Inc
SOIC-14



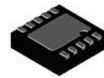
[MCP48CVB21-E/UN](#)

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



[MCP3204-CI/ST](#)

Microchip Technology, Inc
TSSOP-14



[MCP3301-CI/SN](#)

Microchip Technology, Inc
SOIC-8