



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP3201T-BI/SN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP3201T-BI/SN                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC ADC 12BIT 2.7V 1CH SPI 8-SOIC                                                                             |
|                     | <a href="#">PDF</a> 1.MCP3201T-BI/SN.pdf                                                                     |
|                     | <a href="#">PDF</a> 2.MCP3201T-BI/SN.pdf                                                                     |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

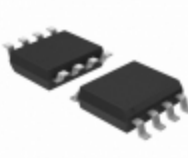
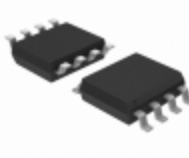
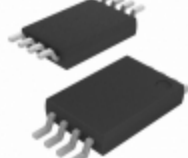
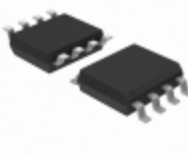
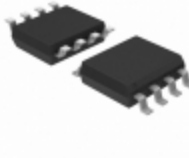
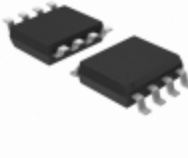
Specifications of MCP3201T-BI/SN

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP3201T-BI/SN                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                        |
| DESCRIPTION                      | IC ADC 12BIT 2.7V 1CH SPI 8-SOIC                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| DATA SHEET                       | <a href="#">PDF</a> 1.MCP3201T-BI/SN.pdf<br><a href="#">PDF</a> 2.MCP3201T-BI/SN.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 2.7 V ~ 5.5 V                                                                        |
| VOLTAGE - SUPPLY, ANALOG         | 2.7 V ~ 5.5 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                               |
| SERIES                           | -                                                                                    |
| SAMPLING RATE (PER SECOND)       | 100k                                                                                 |
| REFERENCE TYPE                   | External                                                                             |
| RATIO - S/H:ADC                  | 1:1                                                                                  |
| PACKAGING                        | Cut Tape (CT)                                                                        |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                        |
| OTHER NAMES                      | MCP3201T-BI/SNCT                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                         |
| NUMBER OF INPUTS                 | 1                                                                                    |
| NUMBER OF BITS                   | 12                                                                                   |
| NUMBER OF A/D CONVERTERS         | 1                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 13 Weeks                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| INPUT TYPE                       | Pseudo-Differential                                                                  |
| FEATURES                         | -                                                                                    |
| DETAILED DESCRIPTION             | 12 Bit Analog to Digital Converter 1 Input 1 SAR 8-SOIC                              |
| DATA INTERFACE                   | SPI                                                                                  |
| CONFIGURATION                    | S/H-ADC                                                                              |
| BASE PART NUMBER                 | MCP3201                                                                              |
| ARCHITECTURE                     | SAR                                                                                  |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology MCP3201T-BI/SN | MCP3201T-BI/SN Distributor             | MCP3201T-BI/SN Supplier                               |
| MCP3201T-BI/SN Price                         | MCP3201T-BI/SN Pictures                | MCP3201T-BI/SN Image                                  |
| MCP3201T-BI/SN PDF Datasheet                 | MCP3201T-BI/SN Download Datasheet      | MCP3201T-BI/SN Datasheet                              |
| MCP3201T-BI/SN Stock                         | Buy MCP3201T-BI/SN                     | Buy Micrel / Microchip Technology MCP3201T-BI/SN      |
| Micrel / Microchip Technology MCP3201T-BI/SN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology MCP3201T-BI/SN | Microchip Technology MCP3201T-BI/SN    | Roving Networks / Microchip Technology MCP3201T-BI/SN |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |
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|  <div><b>MCP3202-CI/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT DUAL CHAN 8DIP<br/>In stock: 687 pcs<br/><b>RFQ</b></div>            |  <div><b>MCP3201-BI/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT 2.7V 1CH SPI 8-SOIC<br/>In stock: 784 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MCP3202-BI/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT 2.7V 2CH SPI 8-SOIC<br/>In stock: 320 pcs<br/><b>RFQ</b></div>      |  <div><b>MCP3201T-CI/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT 2.7V 1CH SPI 8TSSOP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MCP3201-CI/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT 2.7V 1CH SPI 8TSSOP<br/>In stock: 387 pcs<br/><b>RFQ</b></div>      |  <div><b>MCP3201-CI/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT SINGLE CHAN 8SOIC<br/>In stock: 545 pcs<br/><b>RFQ</b></div>      |
|  <div><b>MCP3201-BI/SNVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT 2.7V 1CH SPI 8-SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>MCP3201T-CI/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT 2.7V 1CH SPI 8-SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MCP3201-CI/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT SINGLE CHAN 8DIP<br/>In stock: 325 pcs<br/><b>RFQ</b></div>          |  <div><b>MCP3201-CI/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT 2.7V 1CH SPI 8MSOP<br/>In stock: 770 pcs<br/><b>RFQ</b></div>     |
|  <div><b>MCP3202-CI/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT 2.7V 2CH SPI 8MSOP<br/>In stock: 330 pcs<br/><b>RFQ</b></div>       |  <div><b>MCP3202-BI/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 12BIT 2.7V 2CH SPI 8-DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |