



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP3001-I/SN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP3001-I/SN                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC ADC 10BIT 2.7V 1CH SPI 8-SOIC                                                                             |
| Datasheets:         |  1.MCP3001-I/SN.pdf         |
|                     |  2.MCP3001-I/SN.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

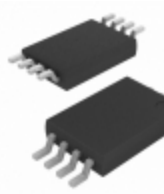
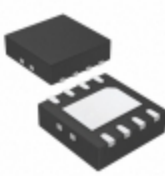
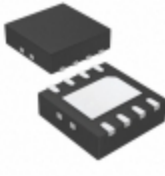
Specifications of MCP3001-I/SN

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP3001-I/SN                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                          |
| DESCRIPTION                      | IC ADC 10BIT 2.7V 1CH SPI 8-SOIC                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       |  1.MCP3001-I/SN.pdf |
|                                  |  2.MCP3001-I/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)       | 200k                                                                                                   |
| REFERENCE TYPE                   | External                                                                                               |
| RATIO - S/H:ADC                  | 1:1                                                                                                    |
| PACKAGING                        | Tube                                                                                                   |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                          |
| OTHER NAMES                      | MCP3001ISN                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                           |
| NUMBER OF INPUTS                 | 1                                                                                                      |
| NUMBER OF BITS                   | 10                                                                                                     |
| NUMBER OF A/D CONVERTERS         | 1                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 11 Weeks                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| INPUT TYPE                       | Pseudo-Differential                                                                                    |
| FEATURES                         | -                                                                                                      |
| DETAILED DESCRIPTION             | 10 Bit Analog to Digital Converter 1 Input 1 SAR 8-SOIC                                                |
| DATA INTERFACE                   | SPI                                                                                                    |
| CONFIGURATION                    | S/H-ADC                                                                                                |
| BASE PART NUMBER                 | MCP3001                                                                                                |
| ARCHITECTURE                     | SAR                                                                                                    |

Related Tags

|                                            |                                        |                                                     |
|--------------------------------------------|----------------------------------------|-----------------------------------------------------|
| Micrel / Microchip Technology MCP3001-I/SN | MCP3001-I/SN Distributor               | MCP3001-I/SN Supplier                               |
| MCP3001-I/SN Price                         | MCP3001-I/SN Pictures                  | MCP3001-I/SN Image                                  |
| MCP3001-I/SN PDF Datasheet                 | MCP3001-I/SN Download Datasheet        | MCP3001-I/SN Datasheet                              |
| MCP3001-I/SN Stock                         | Buy MCP3001-I/SN                       | Buy Micrel / Microchip Technology MCP3001-I/SN      |
| Micrel / Microchip Technology MCP3001-I/SN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MCP3001-I/SN | Microchip Technology MCP3001-I/SN      | Roving Networks / Microchip Technology MCP3001-I/SN |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP3002-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 10BIT 2.7V 2CH SPI 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MCP3001T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 10BIT 2.7V 1CH SPI 8TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MCP3001-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 10BIT 2.7V 1CH SPI 8-DIP<br/>In stock: 233 pcs<br/><div>RFQ</div></div>      |  <div><b>MCP3001-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 10BIT 2.7V 1CH SPI 8TSSOP<br/>In stock: 365 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MCP2562T-H/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>                |  <div><b>MCP3002-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 10BIT 2.7V 2CH SPI 8-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MCP2562T-H/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |  <div><b>MCP3002-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 10BIT 2.7V 2CH SPI 8-DIP<br/>In stock: 688 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MCP3001T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 10BIT 2.7V 1CH SPI 8-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MCP2562T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>                |
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