

MCP3421A0T-E/CHVAO



Part Number: MCP3421A0T-E/CHVAO

Manufacturer: Micrel / Microchip Technology

Description: IC ADC 18BIT 3.75SPS 1CH SOT23-6

Data sheet:  MCP3421 Datasheet

RoHs Status: Lead free / RoHS Compliant

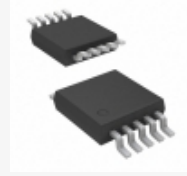
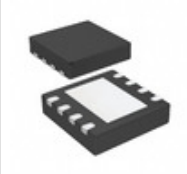
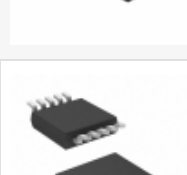
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | MCP3421A0T-E/CHVAO                        | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC ADC 18BIT 3.75SPS 1CH SOT23-6          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 4015 pcs                                  | Data sheet                       | <a href="#">MCP3421 Datasheet</a>                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital        | 2.7 V ~ 5.5 V                                                     |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.7 V ~ 5.5 V                             | Supplier Device Package          | SOT-23-6                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | Automotive, AEC-Q100                      | Sampling Rate (Per Second)       | 3.75                                                              |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                             | Internal                                  | Ratio - S/H:ADC                  | 1:1                                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                          | Package / Case                   | SOT-23-6                                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                | MCP3421A0T-E/CHVAOTR                      | Operating Temperature            | -40°C ~ 125°C                                                     |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                         | Number of Bits                   | 18                                                                |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Input Type                       | Differential                                                      |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                   | PGA                                       | Detailed Description             | 18 Bit Analog to Digital Converter 1 Input 1 Sigma-Delta SOT-23-6 |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                             | PC                                        | Configuration                    | PGA-ADC                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | MCP3421A0                                 | Architecture                     | Sigma-Delta                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 4015 pieces of Micrel / Microchip Technology MCP3421A0T-E/CHVAO in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                  |                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCP3421DM-BFG</a><br>Description: BOARD DEMO FOR MCP3421               | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3304T-CI/SL</a><br>Description: IC ADC 13BIT 2.7V 4CH SPI 16SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP33131D-10-I/MS</a><br>Description: 16-BIT, 1 MSPS, SINGLE CHANNEL,  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP33121D-10T-I/MS</a><br>Description: 14-BIT, 1 MSPS, SINGLE CHANNEL, | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3421DM-WS</a><br>Description: BOARD DEMO MCP3421 WEIGHT SCALE       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3421A1T-E/CH</a><br>Description: IC ADC 18BIT 3.75SPS 1CH SOT23-6   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3422A0T-E/MC</a><br>Description: IC ADC 18BIT 3.75SPS 2CH 8-DFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3421EV</a><br>Description: BOARD EVAL FOR MCP3421 SOT23-6           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3422A0-E/MS</a><br>Description: IC ADC 18BIT 3.75SPS 2CH 8-MSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3304-CI/SL</a><br>Description: IC ADC 13BIT 2.7V 4CH SPI 16SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP33121D-10-I/MS</a><br>Description: 14-BIT, 1 MSPS, SINGLE CHANNEL,  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP33131D-10T-I/MS</a><br>Description: 16-BIT, 1 MSPS, SINGLE CHANNEL, | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP33111D-10T-I/MS</a><br>Description: 12-BIT, 1 MSPS, SINGLE CHANNEL, | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3422A0-E/MC</a><br>Description: IC ADC 18BIT 3.75SPS 2CH 8-DFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3422A0-E/SN</a><br>Description: IC ADC 18BIT3.75SPS 2CH 8-SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3421A3T-E/CH</a><br>Description: IC ADC 18BIT 3.75SPS 1CH SOT23-6   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP33111D-10-I/MS</a><br>Description: 12-BIT, 1 MSPS, SINGLE CHANNEL,  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3304T-BI/SL</a><br>Description: IC ADC 13BIT 2.7V 4CH SPI 16SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3421A2T-E/CH</a><br>Description: IC ADC 18BIT 3.75SPS 1CH SOT23-6   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCP3421A0T-E/CH</a><br>Description: IC ADC 18BIT 3.75SPS 1CH SOT23-6   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for MCP3421A0T-E/CHVAO

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