

MCP3428-E/ST





Part Number: MCP3428-E/ST

Manufacturer: Micrel / Microchip Technology

Description: IC ADC 16BIT I2C 15SPS 14TSSOP

Data sheet:  [Analog and Interface Product Guide](#)  
 [MCP3426-28](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

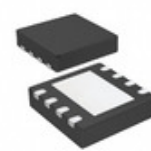
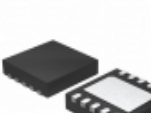
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| PRODUCT PARAMETER               |                                                                   |                                  |                                                                                  |
|---------------------------------|-------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------|
| Part Number                     | MCP3428-E/ST                                                      | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                    |
| Description                     | IC ADC 16BIT I2C 15SPS 14TSSOP                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                       |
| Quantity Available              | 31438 pcs                                                         | Data sheet                       | <a href="#">Analog and Interface Product Guide</a><br><a href="#">MCP3426-28</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          | 14-TSSOP                                                                         |
| Series                          | -                                                                 | Sampling Rate (Per Second)       | 15                                                                               |
| Reference Type                  | Internal                                                          | Ratio - S/H:ADC                  | -                                                                                |
| Packaging                       | Tube                                                              | Package / Case                   | 14-TSSOP (0.173", 4.40mm Width)                                                  |
| Other Names                     | MCP3428EST                                                        | Operating Temperature            | -40°C ~ 125°C                                                                    |
| Number of Inputs                | 4                                                                 | Number of Bits                   | 16                                                                               |
| Number of A/D Converters        | 1                                                                 | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                    |
| Manufacturer Standard Lead Time | 14 Weeks                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                       |
| Input Type                      | Differential                                                      | Features                         | PGA, Selectable Address                                                          |
| Detailed Description            | 16 Bit Analog to Digital Converter 4 Input 1 Sigma-Delta 14-TSSOP | Data Interface                   | I <sup>2</sup> C                                                                 |
| Configuration                   | MUX-PGA-ADC                                                       | Base Part Number                 | MCP3428                                                                          |
| Architecture                    | Sigma-Delta                                                       |                                  |                                                                                  |

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| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
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|  | Part#: <a href="#">MCP3426A7-E/SN</a><br>Description: IC ADC 16BIT 15SPS 2CH A7 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for MCP3428-E/ST

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