



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP3428T-E/SL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP3428T-E/SL                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC ADC 16BIT I2C 15SPS 14SOIC                                                                                |
| Datasheets:         | <a href="#">1.MCP3428T-E/SL.pdf</a><br><a href="#">2.MCP3428T-E/SL.pdf</a>                                   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 33892 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

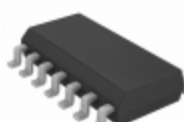
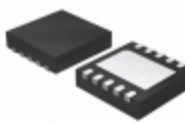
Specifications of MCP3428T-E/SL

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| PART NUMBER                      | MCP3428T-E/SL                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                              |
| DESCRIPTION                      | IC ADC 16BIT I2C 15SPS 14SOIC                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                 |
| QUANTITY AVAILABLE               | 33892 pcs                                                                  |
| DATA SHEET                       | <a href="#">1.MCP3428T-E/SL.pdf</a><br><a href="#">2.MCP3428T-E/SL.pdf</a> |
| VOLTAGE - SUPPLY, DIGITAL        | 2.7 V ~ 5.5 V                                                              |
| VOLTAGE - SUPPLY, ANALOG         | 2.7 V ~ 5.5 V                                                              |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                    |
| SERIES                           | -                                                                          |
| SAMPLING RATE (PER SECOND)       | 15                                                                         |
| REFERENCE TYPE                   | Internal                                                                   |
| RATIO - S/H:ADC                  | -                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                           |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm Width)                                             |
| 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)                                                              |
| 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-SOIC           |
| DATA INTERFACE                   | I²C                                                                        |
| CONFIGURATION                    | MUX-PGA-ADC                                                                |
| BASE PART NUMBER                 | MCP3428                                                                    |
| ARCHITECTURE                     | Sigma-Delta                                                                |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP3428T-E/SL | MCP3428T-E/SL Distributor              | MCP3428T-E/SL Supplier                               |
| MCP3428T-E/SL Price                         | MCP3428T-E/SL Pictures                 | MCP3428T-E/SL Image                                  |
| MCP3428T-E/SL PDF Datasheet                 | MCP3428T-E/SL Download Datasheet       | MCP3428T-E/SL Datasheet                              |
| MCP3428T-E/SL Stock                         | Buy MCP3428T-E/SL                      | Buy Micrel / Microchip Technology MCP3428T-E/SL      |
| Micrel / Microchip Technology MCP3428T-E/SL | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP3428T-E/SL | Microchip Technology MCP3428T-E/SL     | Roving Networks / Microchip Technology MCP3428T-E/SL |

Related Products

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|  <div><b>MCP3550T-50E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 22BIT 2.7V 1CH 8MSOP<br/>In stock: 27591 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP3427T-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT I2C 15SPS 10MSOP<br/>In stock: 42268 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP3428T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT I2C 15SPS 14TSSOP<br/>In stock: 33428 pcs<br/><div>RFQ</div></div> |  <div><b>MCP3550-60E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 22BIT 2.7V 1CH 8SOIC<br/>In stock: 20731 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP3428-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT I2C 15SPS 14SOIC<br/>In stock: 24714 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP3550-60E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 22BIT 2.7V 1CH 8MSOP<br/>In stock: 23292 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP3550-50E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 22BIT 2.7V 1CH 8MSOP<br/>In stock: 20795 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP3550-50E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 22BIT 2.7V 1CH 8SOIC<br/>In stock: 26333 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP3427-E/UN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT I2C 15SPS 10MSOP<br/>In stock: 28346 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP3427T-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT I2C 15SPS 10DFN<br/>In stock: 49507 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP3427-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT I2C 15SPS 10DFN<br/>In stock: 31869 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP3428-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT I2C 15SPS 14TSSOP<br/>In stock: 23774 pcs<br/><div>RFQ</div></div> |