



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP3427T-E/UN

|                     |                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP3427T-E/UN                                                                                                                                                                                                  |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                  |
| Product description | IC ADC 16BIT I2C 15SPS 10MSOP                                                                                                                                                                                  |
| Datasheets:         |  1.MCP3427T-E/UN.pdf<br> 2.MCP3427T-E/UN.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                   |
| Stock Condition     | 42268 pcs stock                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                          |

REQUEST FOR QUOTATION

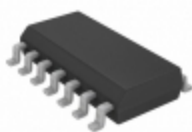
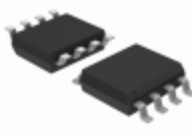
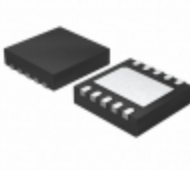
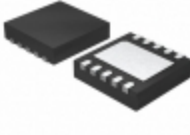
Specifications of MCP3427T-E/UN

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP3427T-E/UN                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                      |
| DESCRIPTION                      | IC ADC 16BIT I2C 15SPS 10MSOP                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 42268 pcs                                                                                                                                                                                                          |
| DATA SHEET                       |  1.MCP3427T-E/UN.pdf<br> 2.MCP3427T-E/UN.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 2.7 V ~ 5.5 V                                                                                                                                                                                                      |
| VOLTAGE - SUPPLY, ANALOG         | 2.7 V ~ 5.5 V                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 10-MSOP                                                                                                                                                                                                            |
| SERIES                           | -                                                                                                                                                                                                                  |
| SAMPLING RATE (PER SECOND)       | 15                                                                                                                                                                                                                 |
| REFERENCE TYPE                   | Internal                                                                                                                                                                                                           |
| RATIO - S/H:ADC                  | -                                                                                                                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                      |
| NUMBER OF INPUTS                 | 2                                                                                                                                                                                                                  |
| 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 2 Input 1 Sigma-Delta 10-MSOP                                                                                                                                                   |
| DATA INTERFACE                   | I²C                                                                                                                                                                                                                |
| CONFIGURATION                    | MUX-PGA-ADC                                                                                                                                                                                                        |
| BASE PART NUMBER                 | MCP3427                                                                                                                                                                                                            |
| ARCHITECTURE                     | Sigma-Delta                                                                                                                                                                                                        |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MCP3427T-E/UN | MCP3427T-E/UN Distributor              | MCP3427T-E/UN Supplier                               |
| MCP3427T-E/UN Price                         | MCP3427T-E/UN Pictures                 | MCP3427T-E/UN Image                                  |
| MCP3427T-E/UN PDF Datasheet                 | MCP3427T-E/UN Download Datasheet       | MCP3427T-E/UN Datasheet                              |
| MCP3427T-E/UN Stock                         | Buy MCP3427T-E/UN                      | Buy Micrel / Microchip Technology MCP3427T-E/UN      |
| Micrel / Microchip Technology MCP3427T-E/UN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MCP3427T-E/UN | Microchip Technology MCP3427T-E/UN     | Roving Networks / Microchip Technology MCP3427T-E/UN |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                |
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|  <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>MCP3550-50E/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>MCP3426A7T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT 2CH 15SPS 8SOIC<br/>In stock: 44755 pcs<br/><div>RFQ</div></div> |  <div><b>MCP3428T-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT I2C 15SPS 14SOIC<br/>In stock: 33892 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>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>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>MCP3426A7T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT 2CH 15SPS 8MSOP<br/>In stock: 42079 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> |
|  <div><b>MCP3426A7T-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 16BIT 2CH 15SPS 8DFN<br/>In stock: 46996 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>  |