

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP3422A1T-E/MS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP3422A1T-E/MS                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC ADC 18BIT I2C 3.75SPS 8MSOP                                                                               |
| Datasheets:         |  MCP3422A1T-E/MS.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 37439 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

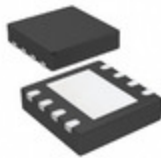
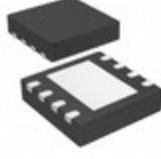
Specifications of MCP3422A1T-E/MS

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP3422A1T-E/MS                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                           |
| DESCRIPTION                      | IC ADC 18BIT I2C 3.75SPS 8MSOP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 37439 pcs                                                                                               |
| DATA SHEET                       |  MCP3422A1T-E/MS.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 2.7 V ~ 5.5 V                                                                                           |
| VOLTAGE - SUPPLY, ANALOG         | 2.7 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP                                                                                                  |
| SERIES                           | -                                                                                                       |
| SAMPLING RATE (PER SECOND)       | 3.75                                                                                                    |
| REFERENCE TYPE                   | Internal                                                                                                |
| RATIO - S/H:ADC                  | -                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                           |
| NUMBER OF INPUTS                 | 2                                                                                                       |
| 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 2 Input 1 Sigma-Delta 8-MSOP                                         |
| DATA INTERFACE                   | I²C                                                                                                     |
| CONFIGURATION                    | MUX-PGA-ADC                                                                                             |
| BASE PART NUMBER                 | MCP3422A1                                                                                               |
| ARCHITECTURE                     | Sigma-Delta                                                                                             |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology MCP3422A1T-E/MS | MCP3422A1T-E/MS Distributor            | MCP3422A1T-E/MS Supplier                               |
| MCP3422A1T-E/MS Price                         | MCP3422A1T-E/MS Pictures               | MCP3422A1T-E/MS Image                                  |
| MCP3422A1T-E/MS PDF Datasheet                 | MCP3422A1T-E/MS Download Datasheet     | MCP3422A1T-E/MS Datasheet                              |
| MCP3422A1T-E/MS Stock                         | Buy MCP3422A1T-E/MS                    | Buy Micrel / Microchip Technology MCP3422A1T-E/MS      |
| Micrel / Microchip Technology MCP3422A1T-E/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology MCP3422A1T-E/MS | Microchip Technology MCP3422A1T-E/MS   | Roving Networks / Microchip Technology MCP3422A1T-E/MS |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP3422A1T-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT I2C 3.75SPS 8DFN<br/>In stock: 41618 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP3422A2T-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT 2CH 3.75SPS 8DFN<br/>In stock: 42245 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP3422A1-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT I2C 3.75SPS 8SOIC<br/>In stock: 28497 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP3422A2-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT I2C 3.75SPS 8DFN<br/>In stock: 43694 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MCP3422A1-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT I2C 3.75SPS 8MSOP<br/>In stock: 34571 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP3422A1T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT I2C 3.75SPS 8SOIC<br/>In stock: 36432 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP3422A2-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT I2C 3.75SPS 8SOIC<br/>In stock: 29864 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP3422A2T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT 2CH 3.75SPS 8MSOP<br/>In stock: 42994 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MCP3422A1-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT I2C 3.75SPS 8DFN<br/>In stock: 44876 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP3422A2-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT I2C 3.75SPS 8MSOP<br/>In stock: 33052 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MCP3422A0T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT 3.75SPS 2CH 8-SOIC<br/>In stock: 42831 pcs<br/><div>RFQ</div></div> |  <div><b>MCP3422A0T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC ADC 18BIT 3.75SPS 2CH 8-MSOP<br/>In stock: 40513 pcs<br/><div>RFQ</div></div> |