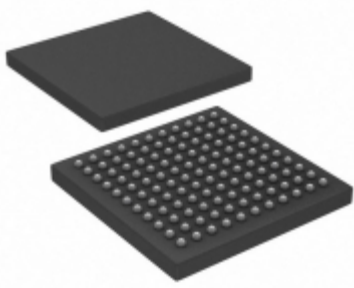


MCP37231T-200I/TE





Part Number: MCP37231T-200I/TE

Manufacturer: Micrel / Microchip Technology

Description: IC ADC 16B 200M 1CH 124VTLA

Data sheet:  MCP37xx1-200

RoHs Status: Lead free / RoHS Compliant

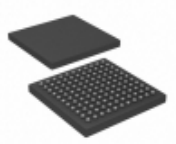
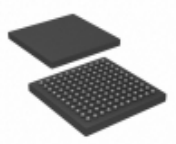
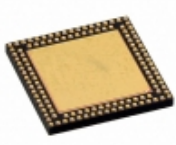
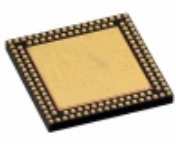
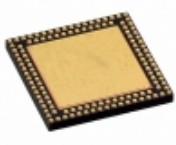
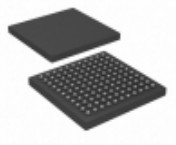
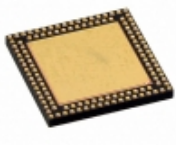
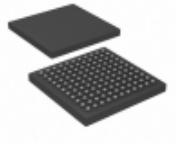
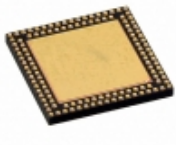
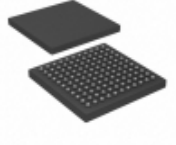
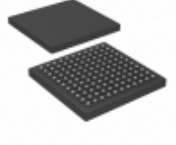
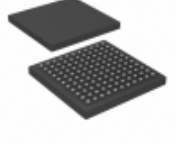
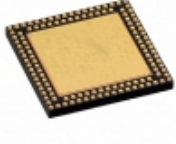
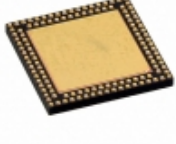
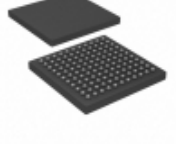
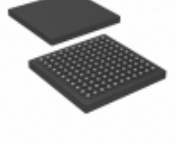
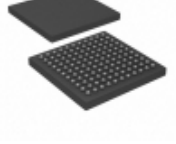
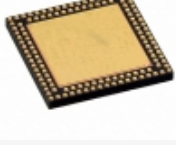
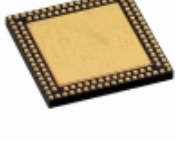
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                  |                                 |                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | MCP37231T-200I/TE                | Manufacturer                    | Micrel / Microchip Technology                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 16B 200M 1CH 124VTLA      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 1013 pcs                         | Data sheet                      | MCP37xx1-200                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs)        | Voltage - Supply, Digital       | 1.14 V ~ 1.26 V, 1.71 V ~ 1.89 V                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.14 V ~ 1.26 V, 1.71 V ~ 1.89 V | Supplier Device Package         | 121-TFBGA (8x8)                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                | Sampling Rate (Per Second)      | 200M                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                         | Ratio - S/H:ADC                 | 1:1                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                 | Package / Case                  | 121-TFBGA                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C                     | Number of Inputs                | 8                                                                      |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                            | 16                               | Number of A/D Converters        | 1                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                    | Manufacturer Standard Lead Time | 6 Weeks                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant       | Input Type                      | Differential                                                           |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                | Detailed Description            | 16 Bit Analog to Digital Converter 8 Input 1 Pipelined 121-TFBGA (8x8) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                            | LVDS - Parallel, Serial          | Configuration                   | S/H-MUX-ADC                                                            |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                              | Pipelined                        |                                 |                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 1013 pieces of Micrel / Microchip Technology MCP37231T-200I/TE 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#: MCP37221T-200I/TE<br>Description: IC ADC 14B 200M 1CH 124VTLA     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37220T-200I/TE<br>Description: IC ADC 14BIT 200MSPS            | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37D10T-200I/TL<br>Description: IC ADC 12BIT 200MSPS 124VTLA    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37221-200I/TL<br>Description: IC ADC                           | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37231-200I/TL<br>Description: IC ADC                           | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37D10T-200I/TE<br>Description: IC ADC 12BIT 200MSPS            | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37231T-200I/TL<br>Description: IC ADC                          | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37D20-200I/TE<br>Description: 14-BIT, 200 MSPS, SINGLE CHANNEL | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37D10-200I/TL<br>Description: IC ADC 12BIT 200MSPS 124VTLA     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37231-200I/TE<br>Description: 16-BIT, 200 MSPS, SINGLE PIPELIN | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37220-200I/TE<br>Description: IC ADC 14BIT 1CH 200MSPS TFBGA   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37D11-200I/TE<br>Description: 12-BIT, 200 MSPS, SINGLE PIPELIN | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37220T-200I/TL<br>Description: IC ADC 14BIT 200MSPS 124VTLA    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37D11-200I/TL<br>Description: IC ADC                           | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37D11T-200I/TE<br>Description: IC ADC 12B 200M 1CH 124VTLA     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37D10-200I/TE<br>Description: IC ADC 12BIT 1CH 200MSPS TFBGA   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37221-200I/TE<br>Description: 14-BIT, 200 MSPS, SINGLE PIPELIN | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37221T-200I/TL<br>Description: IC ADC                          | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37D11T-200I/TL<br>Description: IC ADC                          | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP37220-200I/TL<br>Description: IC ADC 14BIT 200MSPS 124VTLA     | Manufacturers: Micrel / Microchip Technology | RFQ |

| Related keywords for MCP37231T-200I/TE          |                                        |                                        |                         |
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