

MAX11324ATJ+T





Part Number:

MAX11324ATJ+T

Manufacturer:

Maxim Integrated

Description:

IC ADC 10BIT 1MSPS 32TQFN

Data sheet:

 [Part Numbering System](#)

 [MAX11321-28](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

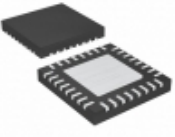
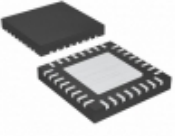
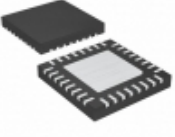
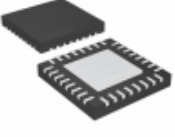
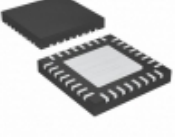
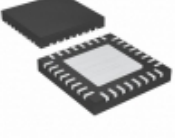
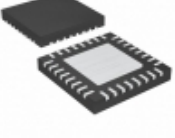
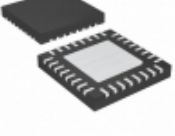
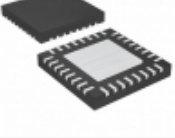
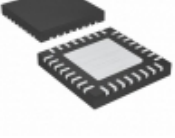
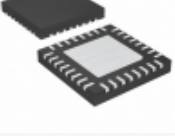
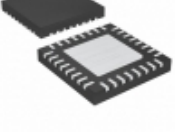
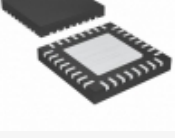
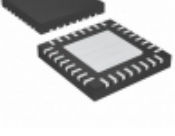
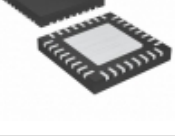
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                 |                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAX11324ATJ+T                             | Manufacturer                    | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC ADC 10BIT 1MSPS 32TQFN                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 39171 pcs                                 | Data sheet                      | <a href="#">Part Numbering System</a><br><a href="#">MAX11321-28</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.35 V ~ 3.6 V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.35 V ~ 3.6 V                            | Supplier Device Package         | 32-TQFN-EP (5x5)                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Sampling Rate (Per Second)      | 1M                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | External                                  | Ratio - S/H:ADC                 | 1:1                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                          | Package / Case                  | 32-WFQFN Exposed Pad                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 125°C                             | Number of Inputs                | 4, 8                                                                 |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10                                        | Number of A/D Converters        | 1                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 6 Weeks                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                | Input Type                      | Differential, Pseudo-Differential, Single Ended                      |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Detailed Description            | 10 Bit Analog to Digital Converter 4, 8 Input 1 SAR 32-TQFN-EP (5x5) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                              | SPI, DSP                                  | Configuration                   | MUX-S/H-ADC                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | MAX11324                                  | Architecture                    | SAR                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                 |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
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|  | Part#: <a href="#">MAX11329ATJ+T</a><br>Description: IC ADC 10BIT SPI/SRL 3MSPS 32QFN | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11324ATJ+</a><br>Description: IC ADC 10BIT 1MSPS 32TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11312GTJ+</a><br>Description: IC ADC 12BIT 12PORT I2C 32TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11321ATJ+</a><br>Description: IC ADC 10BIT 1MSPS 32TQFN         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1132BCAP+</a><br>Description: IC ADC 16BIT 200KSPS 20-SSOP      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11328ATJ+T</a><br>Description: IC ADC 12BIT 1MSPS 32TQFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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Related keywords for MAX11324ATJ+T

|                                  |                           |                        |                     |
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