

MAX19538ETL+



Part Number: [MAX19538ETL+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT 95MSPS 40-TQFN

Data sheet:  [Part Numbering System](#)  
 [MAX19538](#)

RoHs Status: Lead free / RoHS Compliant

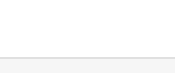
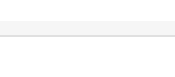
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |                                |                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX19538ETL+                                                            | Manufacturer                   | <a href="#">Maxim Integrated</a>                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 12BIT 95MSPS 40-TQFN                                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4481 pcs                                                                | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX19538</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage - Supply, Digital      | 3.15 V ~ 3.6 V                                                    |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.15 V ~ 3.6 V                                                          | Supplier Device Package        | 40-TQFN-EP (5x5)                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                       | Sampling Rate (Per Second)     | 95M                                                               |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | External, Internal                                                      | Ratio - S/H:ADC                | 1:1                                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                                                                    | Package / Case                 | 40-WFQFN Exposed Pad                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C                                                            | Number of Inputs               | 1                                                                 |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12                                                                      | Number of A/D Converters       | 1                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                        |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                | Differential, Single Ended                                              | Features                       | -                                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12 Bit Analog to Digital Converter 1 Input 1 Pipelined 40-TQFN-EP (5x5) | Data Interface                 | Parallel                                                          |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                             | S/H-ADC                                                                 | Base Part Number               | MAX19538                                                          |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                              | Pipelined                                                               |                                |                                                                   |
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|  | Part#: <a href="#">MAX1953EUB+</a><br>Description: IC REG CTRLR BUCK 10UMAX           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX19528EXE+</a><br>Description: IC ADC 12BIT 8CH 64MSPS 144CTBGA  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1953EUB+T</a><br>Description: IC REG CTRLR BUCK 10UMAX          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1952ESA+</a><br>Description: IC REG BUCK 1.8V 2A SYNC 8SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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