

MX7705EWE+T



Part Number:

MX7705EWE+T

Manufacturer:

Maxim Integrated

Description:

IC ADC 16BIT 2CH 16-SOIC

Data sheet:

 [MX7705](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

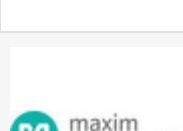
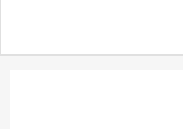
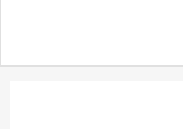
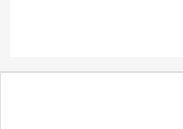
Shipment Way:

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MX7705EWE+T                               | Manufacturer                    | <a href="#">Maxim Integrated</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 16BIT 2CH 16-SOIC                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 19797 pcs                                 | Data sheet                      | <a href="#">MX7705</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.7 V ~ 5.25 V                                                   |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2.7 V ~ 5.25 V                            | Supplier Device Package         | 16-SOIC                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Sampling Rate (Per Second)      | 500                                                              |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | External                                  | Ratio - S/H:ADC                 | -                                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                          | Package / Case                  | 16-SOIC (0.295", 7.50mm Width)                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C                              | Number of Inputs                | 2                                                                |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16                                        | 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                                                     |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PGA                                       | Detailed Description            | 16 Bit Analog to Digital Converter 2 Input 1 Sigma-Delta 16-SOIC |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                            | SPI                                       | Configuration                   | PGA-ADC                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | MX7705                                    | Architecture                    | Sigma-Delta                                                      |
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|  | Part#: <a href="#">MX7672KP05+</a><br>Description: IC ADC 12BIT HS 28-PLCC       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MX7821KN</a><br>Description: IC ADC 8BIT UP-COMP T/H 20-DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MX7705EWE+</a><br>Description: IC ADC 16BIT 2CH 16-SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MX7672KN03</a><br>Description: IC ADC 12BIT HS 24-DIP         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MX7672KP10+</a><br>Description: IC ADC 12BIT HS 28-PLCC       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MX7820KEWP+T</a><br>Description: IC ADC 8BIT MPU COMP 20-SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MX7705EUE+T</a><br>Description: IC ADC 16BIT 2CH 16-TSSOP     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MX7705EUE+</a><br>Description: IC ADC 16BIT 2CH 16-TSSOP      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MX7820KCWP+</a><br>Description: IC ADC 8BIT MPU COMP 20-SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MX7672KN10+</a><br>Description: IC ADC 12BIT HS 24-DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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