

ADC108S102CIMTX



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Part Number: [ADC108S102CIMTX](#)

Manufacturer: [N/A](#)

Description: [ADC 10BIT 8CH 0.5-1MSPS 16-TSSOP](#)

Data sheet:

RoHs Status: [Contains lead / RoHS non-compliant](#)

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                                           |                                |                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | ADC108S102CIMTX                                           | Manufacturer                   | N/A                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | ADC 10BIT 8CH 0.5-1MSPS 16-TSSOP                          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 5694 pcs                                                  | Data sheet                     |                                    |
| 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-TSSOP                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                         | Sampling Rate (Per Second)     | 1M                                 |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                             | Supply                                                    | Ratio - S/H:ADC                | 1:1                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                          | Package / Case                 | 16-TSSOP (0.173", 4.40mm Width)    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 105°C                                             | Number of Inputs               | 8                                  |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                             | 10                                                        | Number of A/D Converters       | 1                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                 | Single Ended                                              | Features                       | -                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                       | 10 Bit Analog to Digital Converter 8 Input 1 SAR 16-TSSOP | Data Interface                 | SPI, DSP                           |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                              | MUX-S/H-ADC                                               | Base Part Number               | ADC108S102                         |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                               | SAR                                                       |                                |                                    |
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| RELATED PRODUCTS                                                                   |                                                                                                              |                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">ADC108S022CIMTX/NOPB</a><br>Description: <a href="#">IC ADC 10BIT 8CH 50-200K 16TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S102CIMT</a><br>Description: <a href="#">ADC 10BIT 8CH 0.5-1MSPS 16TSSOP</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10D020CIVSE/NOPB</a><br>Description: <a href="#">IC HI SPEED ADC 10BIT 48TQFP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S052EVAL</a><br>Description: <a href="#">BOARD EVALUATION FOR ADC108S052</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S022EVAL/NOPB</a><br>Description: <a href="#">BOARD EVALUATION FOR ADC108S022</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S102EVAL</a><br>Description: <a href="#">BOARD EVALUATION FOR ADC108S102</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10D020CIVSX/NOPB</a><br>Description: <a href="#">IC HI SPEED ADC 10BIT 48TQFP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S102CIMTX/NOPB</a><br>Description: <a href="#">ADC 10BIT 8CH 0.5-1MSPS 16-TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10D020CIVSX</a><br>Description: <a href="#">IC HI SPEED ADC 10BIT 48TQFP</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10D1000CIUT</a><br>Description: <a href="#">IC ADC 10BIT 1GSPS DUAL 292-BGA</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S052CIMTX</a><br>Description: <a href="#">ADC 10BIT 8CH 500KSPS 16-TSSOP</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10D020CIVS</a><br>Description: <a href="#">IC ADC 10BIT 48-TQFP</a>                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S052CIMT</a><br>Description: <a href="#">ADC 10BIT 8CH 200-500KSPS</a>              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S102CIMT/NOPB</a><br>Description: <a href="#">ADC 10BIT 8CH 0.5-1MSPS 16TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10D040CIVS/NOPB</a><br>Description: <a href="#">IC ADC 10BIT 48-TQFP</a>               | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S052CIMT/NOPB</a><br>Description: <a href="#">ADC 10BIT 8CH 200-500KSPS</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S022CIMTX</a><br>Description: <a href="#">ADC 10BIT 8CH 50-200KSPS 16TSSOP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC108S052CIMTX/NOPB</a><br>Description: <a href="#">ADC 10BIT 8CH 500KSPS 16-TSSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10D040CIVS</a><br>Description: <a href="#">IC ADC 10BIT 48-TQFP</a>                    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10D020CIVS/NOPB</a><br>Description: <a href="#">IC ADC 10BIT 48-TQFP</a>               | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

|                                             |                             |                          |                       |
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| Related keywords for <b>ADC108S102CIMTX</b> |                             |                          |                       |
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