

ADC108S022CIMTX/NOPB



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Part Number: [ADC108S022CIMTX/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC ADC 10BIT 8CH 50-200K 16TSSOP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |                                  |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|---------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | ADC108S022CIMTX/NOPB                                      | Manufacturer                     | N/A                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC ADC 10BIT 8CH 50-200K 16TSSOP                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 37530 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)       | 200k                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                      | Supply                                                    | Ratio - S/H:ADC                  | 1:1                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                           | Original-Reel®                                            | Package / Case                   | 16-TSSOP (0.173", 4.40mm Width) |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                         | 296-41180-6                                               | 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)                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                     | 22 Weeks                                                  | Lead Free Status / RoHS Status   | Lead free / RoHS 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                 | ADC108S022                      |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                        | SAR                                                       |                                  |                                 |
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| RELATED PRODUCTS                                                                   |                                                                                                              |                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | 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="#">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="#">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="#">ADC108S052CIMT</a><br>Description: <a href="#">ADC 10BIT 8CH 200-500KSPS</a>              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10732CIWM</a><br>Description: <a href="#">IC ADC 10BIT 20-SOIC</a>                     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10738CIWM/NOPB</a><br>Description: <a href="#">IC ADC 10BIT SERIAL I/O 24-SOIC</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADC108S022CIMT</a><br>Description: <a href="#">ADC 10BIT 8CH 50-200KSPS</a>               | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10738CIWM</a><br>Description: <a href="#">IC ADC 10BIT SERIAL I/O 24-SOIC</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC10738CIWMX/NOPB</a><br>Description: <a href="#">IC ADC 10BIT 24-SOIC</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="#">ADC108S052CIMTX</a><br>Description: <a href="#">ADC 10BIT 8CH 500KSPS 16-TSSOP</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | 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="#">ADC108S102CIMT</a><br>Description: <a href="#">ADC 10BIT 8CH 0.5-1MSPS 16TSSOP</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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