

ADC12C080CISQ



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Part Number: [ADC12C080CISQ](#)

Manufacturer: [N/A](#)

Description: [ADC 12BIT 80MSPS 32WQFN](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                      |                                |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | ADC12C080CISQ                                                        | Manufacturer                   | N/A                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | ADC 12BIT 80MSPS 32WQFN                                              | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 5885 pcs                                                             | Data sheet                     |                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply, Digital      | 2.4 V ~ 3.6 V                      |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                 | 2.7 V ~ 3.6 V                                                        | Supplier Device Package        | 32-WQFN (5x5)                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                    | Sampling Rate (Per Second)     | 80M                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                           | External, Internal                                                   | Ratio - S/H:ADC                | 1:1                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                     | Package / Case                 | 32-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)                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                                                        | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                               | Differential                                                         | Features                       | -                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                     | 12 Bit Analog to Digital Converter 1 Input 1 Pipelined 32-WQFN (5x5) | Data Interface                 | Parallel                           |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                            | S/H-ADC                                                              | Base Part Number               | ADC12C080                          |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                             | Pipelined                                                            |                                |                                    |
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|  | Part#: <a href="#">ADC128S052CIMTX/NOPB</a><br>Description: <a href="#">ADC 12BIT 8CH 500KSPS 16-TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADC128S052EVAL/NOPB</a><br>Description: <a href="#">BOARD EVALUATION FOR ADC128S052</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12C105CISQX</a><br>Description: <a href="#">ADC 12BIT 105MSPS 32WQFN</a>              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADC128S102CIMTX</a><br>Description: <a href="#">ADC 12BIT 8CH 0.5-1MSPS 16-TSSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADC12C170CISQ/NOPB</a><br>Description: <a href="#">IC ADC 12BIT 170MSPS 1GHZ 48WQFN</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12C105CISQ/NOPB</a><br>Description: <a href="#">ADC 12BIT 105MSPS 32WQFN</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12C105CISQ</a><br>Description: <a href="#">ADC 12BIT 105MSPS 32WQFN</a>               | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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