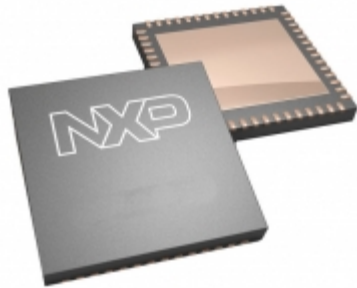


ADC1213D080HN/C1/5



Part Number: [ADC1213D080HN/C1/5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: ADC 12BIT DUAL 80MSPS 56HVQFN

Data sheet:  [ADC1213D Series](#)

RoHs Status: Lead free / RoHS Compliant

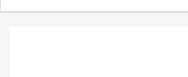
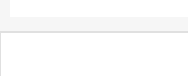
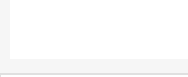
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                       |                                  |                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ADC1213D080HN/C1/5                                                    | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ADC 12BIT DUAL 80MSPS 56HVQFN                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4242 pcs                                                              | Data sheet                       | <a href="#">ADC1213D Series</a>                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - Supply, Digital        | 1.65 V ~ 1.95 V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.85 V ~ 3.4 V                                                        | Supplier Device Package          | 56-HVQFN (8x8)                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                     | Sampling Rate (Per Second)       | 80M                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | External, Internal                                                    | Ratio - S/H:ADC                  | 1:1                                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tray                                                                  | Package / Case                   | 56-VFQFN Exposed Pad                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 568-5649<br>935289098551<br>ADC1213D080HN/C1/5-ND<br>ADC1213D080HNC15 | Operating Temperature            | -40°C ~ 85°C                                                          |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                                                                     | Number of Bits                   | 12                                                                    |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                     | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                            | Input Type                       | Differential, Single Ended                                            |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Simultaneous Sampling                                                 | Detailed Description             | 12 Bit Analog to Digital Converter 2 Input 2 Pipelined 56-HVQFN (8x8) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | JESD204A                                                              | Configuration                    | S/H-ADC                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ADC1213D                                                              | Architecture                     | Pipelined                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                                      |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ADC1213D065WO-DB</a><br>Description: BOARD DEMO ADC1213D065WO         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D080W1-DB</a><br>Description: BOARD DEMO ADC1213D080W1         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D080HN/C1,5</a><br>Description: ADC 12BIT DUAL 80MSPS 56HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D105HN/C1/5</a><br>Description: ADC 12BIT DUAL 105MSPS 56HVQFN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D065HN/C1,5</a><br>Description: ADC 12BIT DUAL 65MSPS 56HVQFN  | Manufacturers: <a href="#">IDT, Integrated Device Technology Inc</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D080WO-DB</a><br>Description: BOARD DEMO ADC1213D080WO         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D105WO-DB</a><br>Description: BOARD DEMO ADC1213D105WO         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D080W2-DB</a><br>Description: BOARD DEMO ADC1213D080W2         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D065W1-DB</a><br>Description: BOARD DEMO ADC1213D065W1         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12138CIWMX/NOPB</a><br>Description: IC ADC 12BIT 28-SOIC           | Manufacturers: <a href="#">N/A</a>                                   | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D080HN-C18</a><br>Description: IC ADC 12BIT 2CH 80NS 56VFQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D125HN-C1</a><br>Description: IC ADC 12BIT 2CH 125NS 56VFQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D065HN-C1</a><br>Description: IC ADC 12BIT 2CH 65NS 56VFQFP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D080HN-C1</a><br>Description: IC ADC 12BIT 2CH 80NS 56VFQFP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D105HN-C1</a><br>Description: IC ADC 12BIT 2CH 105NS 56VFQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D065HN/C1/5</a><br>Description: ADC 12BIT DUAL 65MSPS 56HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D105W1-DB</a><br>Description: BOARD DEMO ADC1213D105W1         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D105HN-C18</a><br>Description: IC ADC 12BIT 2CH 105NS 56VFQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D105HN/C1,5</a><br>Description: ADC 12BIT DUAL 105MSPS 56HVQFN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1213D065HN-C18</a><br>Description: IC ADC 12BIT 2CH 65NS 56VFQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>    | <div>RFQ</div> |

|                                                      |                                       |                                       |                                 |
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