

ADC1613D080HN-C18



Part Number: [ADC1613D080HN-C18](#)

Manufacturer: [IDT \(Integrated Device Technology\)](#)

Description: IC ADC 16BIT 2CH 80MSPS 56HVQFN

Data sheet:  [ADC1613D Series](#)

RoHs Status: Lead free / RoHS Compliant

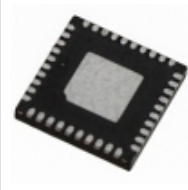
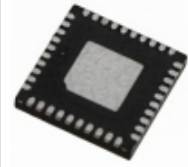
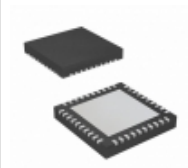
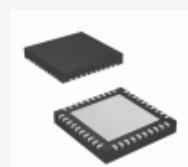
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |                                  |                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                         | ADC1613D080HN-C18                               | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC ADC 16BIT 2CH 80MSPS 56HVQFN                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4921 pcs                                        | Data sheet                       | <a href="#">ADC1613D 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-VFQFPN (8x8)                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                               | Sampling Rate (Per Second)       | 80M                                                                    |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                      | External, Internal                              | Ratio - S/H:ADC                  | 1:1                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tape & Reel (TR)                                | Package / Case                   | 56-VFQFN Exposed Pad                                                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                         | IDTADC1613D080HN-C18<br>IDTADC1613D080HN-C18-ND | Operating Temperature            | -40°C ~ 85°C                                                           |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                               | Number of Bits                   | 16                                                                     |
| 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             | 16 Bit Analog to Digital Converter 2 Input 2 Pipelined 56-VFQFPN (8x8) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                      | JESD204A                                        | Configuration                    | S/H-ADC                                                                |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                        | Pipelined                                       |                                  |                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IDT (Integrated Device Technology) series electronic components. We have 4921 pieces of IDT (Integrated Device Technology) ADC1613D080HN-C18 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                 |                                  |                                                                        |

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|  | Part#: <a href="#">ADC1613D065HN-C18</a><br>Description: IC ADC 16BIT 2CH 65MSPS 56HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1610S125HN-C18</a><br>Description: ADC 16BIT SGL 125MSPS 40HVQFN    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1613D125HN/C1:5</a><br>Description: ADC 16BIT DUAL 125MSPS 56HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1610S125HN/C1:5</a><br>Description: ADC 16BIT SGL 125MSPS 40HVQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1610S125HN/C1,5</a><br>Description: IC ADC 16BIT SRL/SPI 40HVQFN    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1613D105HN-C18</a><br>Description: IC ADC 16BIT 2CH 105MSPS 56HVQFN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1613D125HN-C18</a><br>Description: IC ADC 16BIT 2CH 125MSPS 56HVQFN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1613D080HN/C1,5</a><br>Description: ADC 16BIT DUAL 80MSPS 56HVQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1613D105HN/C1,5</a><br>Description: ADC 16BIT DUAL 105MSPS 56HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
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|  | Part#: <a href="#">ADC1613D065HN/C1:5</a><br>Description: ADC 16BIT DUAL 65MSPS 56HVQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1613D105HN/C1:5</a><br>Description: ADC 16BIT DUAL 105MSPS 56HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
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|  | Part#: <a href="#">ADC1613D065HN/C1,5</a><br>Description: ADC 16BIT DUAL 65MSPS 56HVQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1613D125HN/C1,5</a><br>Description: IC ADC 16BIT SRL/SPI 56HVQFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | RFQ |
|  | Part#: <a href="#">ADC1613D105HN-C1</a><br>Description: IC ADC 16BIT 2CH 105MSPS 56HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1613D080HN/C1:5</a><br>Description: ADC 16BIT DUAL 80MSPS 56HVQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | RFQ |
|  | Part#: <a href="#">ADC1610S125F2/DB,598</a><br>Description: BOARD DEMO FOR ADC1610S12F2   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | RFQ |
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Related keywords for **ADC1613D080HN-C18**

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| IDT (Integrated Device Technology)    | ADC1613D080HN-C18 distributor        | ADC1613D080HN-C18 supplier  | ADC1613D080HN-C18 price            |
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| IDT, Integrated Device Technology Inc | Integrated Device Technology (IDT)   |                             |                                    |
| ADC1613D080HN-C18                     | ADC1613D080HN-C18                    |                             |                                    |