

ADC1413D125HN/C1:5



Part Number: [ADC1413D125HN/C1:5](#)

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

Description: ADC 14BIT DUAL 125MSPS 56HVQFN

Data sheet:  [ADC1413D Series](#)

RoHs Status: Lead free / RoHS Compliant

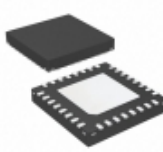
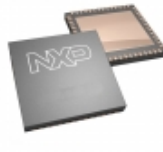
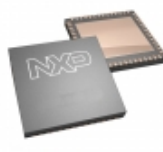
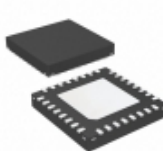
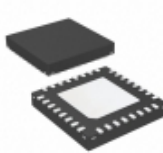
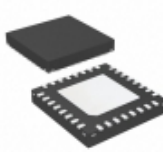
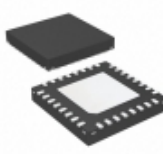
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                             |                                  |                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ADC1413D125HN/C1:5                                          | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ADC 14BIT DUAL 125MSPS 56HVQFN                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2749 pcs                                                    | Data sheet                       | <a href="#">ADC1413D 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)       | 125M                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | External, Internal                                          | Ratio - S/H:ADC                  | 1:1                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tape & Reel (TR)                                            | Package / Case                   | 56-VFQFN Exposed Pad                                                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 935289082518<br>ADC1413D125HN/C1/8<br>ADC1413D125HN/C1/8-ND | Operating Temperature            | -40°C ~ 85°C                                                           |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                           | Number of Bits                   | 14                                                                     |
| 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             | 14 Bit Analog to Digital Converter 2 Input 2 Pipelined 56-VFQFPN (8x8) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | JESD204A                                                    | Configuration                    | S/H-ADC                                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ADC1413D                                                    | 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 2749 pieces of IDT (Integrated Device Technology) ADC1413D125HN/C1:5 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                             |                                  |                                                                        |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                                   |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ADC1413S080HN-C1</a><br>Description: ADC 14BIT SGL 80MSPS 32HVQFN     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D105HN/C1,5</a><br>Description: ADC 14BIT DUAL 105MSPS 56HVQFN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D105HN-C18</a><br>Description: ADC 14BIT DUAL 105MSPS 56VFQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D125HN-C18</a><br>Description: ADC 14BIT DUAL 125MSPS 56VFQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413S065HN-C1</a><br>Description: ADC 14BIT SGL 65MSPS 32HVQFN     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D125WO-DB</a><br>Description: BOARD DEMO FOR ADC1413D125WO     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D125HN/C1,5</a><br>Description: IC ADC 14BIT SRL/SPI 56HVQFN   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413S065HN-C18</a><br>Description: ADC 14BIT SGL 65MSPS 32HVQFN    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D105HN-C1</a><br>Description: ADC 14BIT DUAL 105MSPS 56VFQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D125W1-DB</a><br>Description: BOARD DEMO FOR ADC1413D125W1     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D105WO-DB</a><br>Description: BOARD DEMO FOR ADC1413D105W0     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D105HN/C1,5</a><br>Description: ADC 14BIT DUAL 105MSPS 56HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D125HN-C1</a><br>Description: ADC 14BIT DUAL 125MSPS 56VFQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D080WO-DB</a><br>Description: BOARD DEMO FOR ADC1413D080W0     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D105W1-DB</a><br>Description: BOARD DEMO FOR ADC1413D105W1     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413S065HN/C1:5</a><br>Description: IC ADC 65MHZ SOT1152-1         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413S065HN/C1,5</a><br>Description: IC ADC 65MHZ SOT1152-1         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413S080HN-C18</a><br>Description: ADC 14BIT SGL 80MSPS 32HVQFN    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413D125WO/DB,598</a><br>Description: BOARD DEMO FOR ADC1413D125   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1413S080HN/C1,5</a><br>Description: IC ADC 80MHZ SOT1152-1         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |

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| Related keywords for <b>ADC1413D125HN/C1:5</b> |                                    |                                       |                                    |
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