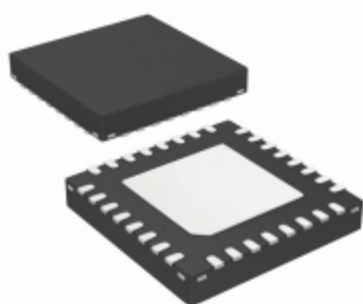


ADC1413S125HN/C1,5



**IDT**  
Integrated Device Technology

**Part Number:** [ADC1413S125HN/C1,5](#)

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

**Description:** IC ADC 125MHZ SOT1152-1

**Data sheet:**  [ADC1413S Series](#)

**RoHS Status:** Lead free / RoHS Compliant

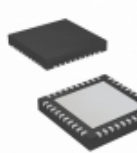
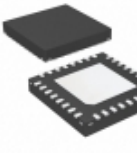
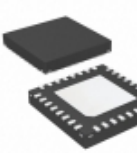
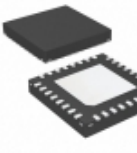
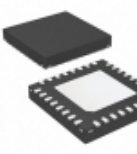
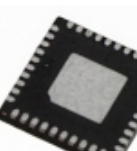
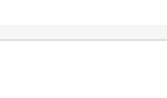
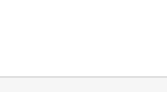
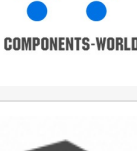
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy **ADC1413S125HN/C1,5** with confidence from  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                       |                                |                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | ADC1413S125HN/C1,5                                                    | Manufacturer                   | <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC ADC 125MHZ SOT1152-1                                               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3593 pcs                                                              | Data sheet                     | <a href="#">ADC1413S 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        | 32-HVQFN (7x7)                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                     | Sampling Rate (Per Second)     | 125M                                               |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                       | Internal                                                              | Ratio - S/H:ADC                | 1:1                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tray                                                                  | Package / Case                 | 32-VQFN Exposed Pad                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 85°C                                                          | Number of Inputs               | 1                                                  |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14                                                                    | Number of A/D Converters       | 1                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                                                         | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                         |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | Differential, Single Ended                                            | Features                       | -                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14 Bit Analog to Digital Converter 1 Input 1 Pipelined 32-HVQFN (7x7) | Data Interface                 | JESD204A                                           |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                        | S/H-ADC                                                               | Base Part Number               | ADC1413S                                           |
| 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 3593 pieces of IDT (Integrated Device Technology) ADC1413S125HN/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: info@Components-World.com |                                                                       |                                |                                                    |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                                   |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">ADC1415S065HN/C1,5</a><br>Description: ADC 14BIT SGL 65MSPS 40HVQFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S125HN/C1,5</a><br>Description: IC ADC 125MHZ SOT1152-1         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC14155CISQ/NOPB</a><br>Description: IC ADC 14BIT 155MSPS 1GHZ 48WQFN | Manufacturers: <a href="#">N/A</a>                                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S105HN/C1,5</a><br>Description: IC ADC 105MHZ SOT1152-1         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1415S065HN-C18</a><br>Description: IC ADC 14BIT SGL 65MSPS 40HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S080HN-C1</a><br>Description: ADC 14BIT SGL 80MSPS 32HVQFN      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S080HN/C1,5</a><br>Description: IC ADC 80MHZ SOT1152-1          | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1415S065F2-DB</a><br>Description: BOARD DEMO FOR ADC1415S065F2      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1415S065HN-C1</a><br>Description: IC ADC 14BIT SGL 65MSPS 40HVQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S105HN-C1</a><br>Description: ADC 14BIT SGL 105MSPS 32HVQFN     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC14155HFEB/NOPB</a><br>Description: BOARD EVAL FOR ADC14155HF        | Manufacturers: <a href="#">N/A</a>                                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S105HN-C18</a><br>Description: ADC 14BIT SGL 105MSPS 32HVQFN    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S080HN-C18</a><br>Description: ADC 14BIT SGL 80MSPS 32HVQFN     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1415S065F1-DB</a><br>Description: BOARD DEMO FOR ADC1415S065F1      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S125HN-C1</a><br>Description: ADC 14BIT SGL 125MSPS 32HVQFN     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S125HN-C18</a><br>Description: ADC 14BIT SGL 125MSPS 32HVQFN    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1415S065HN/C1,5</a><br>Description: ADC 14BIT SGL 65MSPS 40HVQFN    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC14155LFEB/NOPB</a><br>Description: BOARD EVAL FOR ADC14155LF        | Manufacturers: <a href="#">N/A</a>                                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S080HN/C1,5</a><br>Description: IC ADC 80MHZ SOT1152-1          | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADC1413S105HN/C1,5</a><br>Description: IC ADC 105MHZ SOT1152-1         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |

|                                                |                                    |                                       |                                    |
|------------------------------------------------|------------------------------------|---------------------------------------|------------------------------------|
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| IDT, Integrated Device Technology Inc          |                                    |                                       | IDT (Integrated Device Technology) |
|                                                |                                    | ADC1413S125HN/C1,5                    | ADC1413S125HN/C1,5                 |
| ADC1413S125HN/C1,5                             | Integrated Device Technology (IDT) |                                       |                                    |
|                                                | ADC1413S125HN/C1,5                 |                                       |                                    |