



Integrated Device Technology

IDT (Integrated Device Technology)

Technology)



Integrated Device Techn

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|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADC1613S080HN-C18                                                                                            |
| Manufacturer/Brand: | IDT (Integrated Device Technology)                                                                           |
| Product description | IC ADC 16BIT 1CH 80MSPS 32HVQFN                                                                              |
| Datasheets:         |  ADC1613S080HN-C18.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3006 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of ADC1613S080HN-C18

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ADC1613S080HN-C18                                                                                         |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                                                        |
| DESCRIPTION                      | IC ADC 16BIT 1CH 80MSPS 32HVQFN                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 3006 pcs                                                                                                  |
| DATA SHEET                       |  ADC1613S080HN-C18.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 1.65 V ~ 1.95 V                                                                                           |
| VOLTAGE - SUPPLY, ANALOG         | 2.85 V ~ 3.4 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 32-VFQFPN (5x5)                                                                                           |
| SERIES                           | -                                                                                                         |
| SAMPLING RATE (PER SECOND)       | 80M                                                                                                       |
| REFERENCE TYPE                   | Internal                                                                                                  |
| RATIO - S/H:ADC                  | 1:1                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                          |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                      |
| OTHER NAMES                      | IDTADC1613S080HN-C18<br>IDTADC1613S080HN-C18-ND                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                              |
| NUMBER OF INPUTS                 | 1                                                                                                         |
| NUMBER OF BITS                   | 16                                                                                                        |
| 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             | 16 Bit Analog to Digital Converter 1 Input 1 Pipelined 32-VFQFPN (5x5)                                    |
| DATA INTERFACE                   | JESD204A                                                                                                  |
| CONFIGURATION                    | S/H-ADC                                                                                                   |
| ARCHITECTURE                     | Pipelined                                                                                                 |

Related Tags

|                                                         |                                                      |                                                          |
|---------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| IDT (Integrated Device Technology) ADC1613S080HN-C18    | ADC1613S080HN-C18 Distributor                        | ADC1613S080HN-C18 Supplier                               |
| ADC1613S080HN-C18 Price                                 | ADC1613S080HN-C18 Pictures                           | ADC1613S080HN-C18 Image                                  |
| ADC1613S080HN-C18 PDF Datasheet                         | ADC1613S080HN-C18 Download Datasheet                 | ADC1613S080HN-C18 Datasheet                              |
| ADC1613S080HN-C18 Stock                                 | Buy ADC1613S080HN-C18                                | Buy IDT (Integrated Device Technology) ADC1613S080HN-C18 |
| IDT (Integrated Device Technology) ADC1613S080HN-C18    | IDT (Integrated Device Technology) Supplier          | IDT (Integrated Device Technology) Distributor           |
| IDT (Integrated Device Technology) ADC1613S080HN-C18    | IDT ADC1613S080HN-C18                                | IDT (Integrated Device Technology) ADC1613S080HN-C18     |
| IDT, Integrated Device Technology Inc ADC1613S080HN-C18 | Integrated Device Technology (IDT) ADC1613S080HN-C18 |                                                          |

Related Products

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| <div><div>Integrated Device Technology</div></div> <div>ADC1613S065HN-C18</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 16BIT 1CH 65MSPS 32HVQFN<br/>In stock: 5854 pcs</div> <div>RFQ</div>  | <div><div>Integrated Device Technology</div></div> <div>ADC1613D125WO-DB</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: BOARD DEMO FOR ADC1613D125W0<br/>In stock: 4235 pcs</div> <div>RFQ</div>    |
| <div><div>Integrated Device Technology</div></div> <div>ADC1613S065HN/C1,5</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 65MHZ SOT1152-1<br/>In stock: 6946 pcs</div> <div>RFQ</div>          | <div><div>Integrated Device Technology</div></div> <div>ADC1613S080HN/C1:5</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 80MHZ SOT1152-1<br/>In stock: 5948 pcs</div> <div>RFQ</div>        |
| <div><div>Integrated Device Technology</div></div> <div>ADC1613S105HN-C18</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 16BIT 1CH 105MSPS 32HVQFN<br/>In stock: 3937 pcs</div> <div>RFQ</div> | <div><div>Integrated Device Technology</div></div> <div>ADC1613S065HN/C1:5</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 65MHZ SOT1152-1<br/>In stock: 6920 pcs</div> <div>RFQ</div>        |
| <div><div>Integrated Device Technology</div></div> <div>ADC1613S080HN-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 16BIT 1CH 80MSPS 32HVQFN<br/>In stock: 6144 pcs</div> <div>RFQ</div>   | <div><div>Integrated Device Technology</div></div> <div>ADC1613S105HN/C1:5</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 105MHZ SOT1152-1<br/>In stock: 4199 pcs</div> <div>RFQ</div>       |
| <div><div>Integrated Device Technology</div></div> <div>ADC1613S105HN/C1,5</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 105MHZ SOT1152-1<br/>In stock: 6127 pcs</div> <div>RFQ</div>         | <div><div>Integrated Device Technology</div></div> <div>ADC1613S065HN-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 16BIT 1CH 65MSPS 32HVQFN<br/>In stock: 4417 pcs</div> <div>RFQ</div> |
| <div><div>Integrated Device Technology</div></div> <div>ADC1613S105HN-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 16BIT 1CH 105MSPS 32HVQFN<br/>In stock: 6694 pcs</div> <div>RFQ</div>  | <div><div>Integrated Device Technology</div></div> <div>ADC1613S080HN/C1,5</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 80MHZ SOT1152-1<br/>In stock: 6470 pcs</div> <div>RFQ</div>        |