

**ADC1613S105HN-C18 Information**


For Reference Only

**Part Number** [ADC1613S105HN-C18](#)  
**Manufacturer** IDT, Integrated Device Technology Inc  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 16BIT 1CH 105MSPS 32HVQFN  
**Package** 32-VFQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**ADC1613S105HN-C18 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">ADC1613S105HN-C18</a>  |
| Manufacturer               | IDT, Integrated Device Technology Inc  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a> |
| Package                    | 32-VFQFN Exposed Pad   |
| Series                     | -  |
| Number of Bits             | 16   |
| Sampling Rate (Per Second) | 105M   |
| Number of Inputs           | 1  |
| Input Type                 | Differential, Single Ended   |
| Data Interface             | JESD204A   |
| Configuration              | S/H-ADC  |
| Ratio - S/H:ADC            | 1:1  |
| Number of A/D Converters   | 1  |
| Architecture               | Pipelined  |
| Reference Type             | Internal   |
| Voltage - Supply, Analog   | 2.85 V ~ 3.4 V   |
| Voltage - Supply, Digital  | 1.65 V ~ 1.95 V  |
| Features                   | -  |
| Operating Temperature      | -40°C ~ 85°C   |
| Package / Case             | 32-VFQFN Exposed Pad   |
| Supplier Device Package    | 32-VFQFPN (5x5)  |
| Mounting Type              | -  |

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## ADC1613S105HN-C18 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## ADC1613S105HN-C18 Payment Methods



## ADC1613S105HN-C18 Shipping Methods



If you have any question about ADC1613S105HN-C18, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)