

**AD7705BN Information**


For Reference Only

**Part Number** [AD7705BN](#)  
**Manufacturer** Analog Devices Inc.  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 16BIT 2CH 16-DIP  
**Package** 16-DIP (0.300", 7.62mm)  
 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.


**AD7705BN Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">AD7705BN</a>   |
| Manufacturer               | Analog Devices Inc.  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a> |
| Package                    | 16-DIP (0.300", 7.62mm)  |
| Series                     | -  |
| Number of Bits             | 16   |
| Sampling Rate (Per Second) | 500  |
| Number of Inputs           | 2  |
| Input Type                 | Differential   |
| Data Interface             | SPI, DSP   |
| Configuration              | MUX-PGA-ADC  |
| Ratio - S/H:ADC            | -  |
| Number of A/D Converters   | 1  |
| Architecture               | Sigma-Delta  |
| Reference Type             | External   |
| Voltage - Supply, Analog   | 2.7 V ~ 3.3 V, 5V  |
| Voltage - Supply, Digital  | 2.7 V ~ 3.3 V, 5V  |
| Features                   | PGA  |
| Operating Temperature      | -40°C ~ 85°C   |
| Package / Case             | 16-DIP (0.300", 7.62mm)  |
| Supplier Device Package    | 16-PDIP  |
| Mounting Type              | -  |

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## AD7705BN 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.

## AD7705BN Payment Methods



## AD7705BN Shipping Methods



If you have any question about AD7705BN, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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