

**ADS8381IBPFBT Information**


For Reference Only

**Part Number** [ADS8381IBPFBT](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 18BIT 580KSPS 48-TQFP  
**Package** 48-TQFP  
 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.


**ADS8381IBPFBT Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">ADS8381IBPFBT</a>  |
| Manufacturer               | Texas Instruments  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a> |
| Package                    | 48-TQFP  |
| Series                     | microPOWER?  |
| Number of Bits             | 18   |
| Sampling Rate (Per Second) | 580k   |
| Number of Inputs           | 1  |
| Input Type                 | Pseudo-Differential, Single Ended  |
| Data Interface             | Parallel   |
| Configuration              | S/H-ADC  |
| Ratio - S/H:ADC            | 1:1  |
| Number of A/D Converters   | 1  |
| Architecture               | SAR  |
| Reference Type             | External   |
| Voltage - Supply, Analog   | 5V   |
| Voltage - Supply, Digital  | 2.7 V ~ 5.25 V   |
| Features                   | -  |
| Operating Temperature      | -40°C ~ 85°C   |
| Package / Case             | 48-TQFP  |
| Supplier Device Package    | 48-TQFP (7x7)  |
| Mounting Type              | -  |

[Report errors?](#)

## ADS8381IBPFBT 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.

## ADS8381IBPFBT Payment Methods



## ADS8381IBPFBT Shipping Methods



If you have any question about ADS8381IBPFBT, please do not hesitate to contact us!

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

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