

**ADS8684AIDBT Information**


For Reference Only

**Part Number** [ADS8684AIDBT](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 16BIT 500KSPS 4CH 38TSSOP  
**Package** 38-TFSOP (0.173", 4.40mm Width)  
 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.


**ADS8684AIDBT Specifications**

Manufacturer Part Number	<a href="#">ADS8684AIDBT</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a>
Package	38-TFSOP (0.173", 4.40mm Width)
Series	-
Number of Bits	16
Sampling Rate (Per Second)	500k
Number of Inputs	4
Input Type	Single Ended
Data Interface	SPI
Configuration	PGA-MUX-S/H-ADC
Ratio - S/H:ADC	1:1
Number of A/D Converters	1
Architecture	SAR
Reference Type	External, Internal
Voltage - Supply, Analog	5V
Voltage - Supply, Digital	1.65 V ~ 5.25 V
Features	PGA
Operating Temperature	-40°C ~ 125°C
Package / Case	38-TFSOP (0.173", 4.40mm Width)
Supplier Device Package	38-TSSOP
Mounting Type	-

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## ADS8684AIDBT 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.

## ADS8684AIDBT Payment Methods



## ADS8684AIDBT Shipping Methods



If you have any question about ADS8684AIDBT, please do not hesitate to contact us!

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