

**ADS8166IRHBT Information**


For Reference Only

**Part Number** [ADS8166IRHBT](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 16BIT SAR 32VQFN  
**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.


**ADS8166IRHBT Specifications**

Manufacturer Part Number	<a href="#">ADS8166IRHBT</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a>
Package	32-VFQFN Exposed Pad
Series	-
Number of Bits	16
Sampling Rate (Per Second)	250k
Number of Inputs	8
Input Type	Pseudo-Differential, Single Ended
Data Interface	SPI
Configuration	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	3V ~ 5.5V
Voltage - Supply, Digital	1.65V ~ 5.5V
Features	Internal Oscillator
Operating Temperature	-40°C ~ 125°C
Package / Case	32-VFQFN Exposed Pad
Supplier Device Package	32-VQFN (5x5)
Mounting Type	Surface Mount

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## ADS8166IRHBT 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.

## ADS8166IRHBT Payment Methods



## ADS8166IRHBT Shipping Methods



If you have any question about ADS8166IRHBT, please do not hesitate to contact us!

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