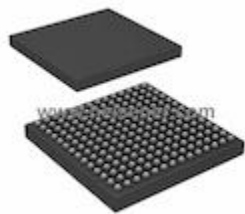


**ADS54T04IZAYR Information**


For Reference Only

**Part Number** [ADS54T04IZAYR](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 12BIT 500MSPS 196NFBGA  
**Package** 196-LFBGA  
 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.


**ADS54T04IZAYR Specifications**

Manufacturer Part Number	<a href="#">ADS54T04IZAYR</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a>
Package	196-LFBGA
Series	-
Number of Bits	12
Sampling Rate (Per Second)	500M
Number of Inputs	2
Input Type	Differential
Data Interface	LVDS - Parallel
Configuration	S/H-ADC
Ratio - S/H:ADC	1:1
Number of A/D Converters	2
Architecture	Pipelined
Reference Type	Internal
Voltage - Supply, Analog	1.7 V ~ 1.9 V, 3.15 V ~ 3.45 V
Voltage - Supply, Digital	1.7 V ~ 1.9 V
Features	Simultaneous Sampling
Operating Temperature	-40°C ~ 85°C
Package / Case	196-LFBGA
Supplier Device Package	196-NFBGA (12x12)
Mounting Type	-

[Report errors?](#)

## ADS54T04IZAYR 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.

## ADS54T04IZAYR Payment Methods



## ADS54T04IZAYR Shipping Methods



If you have any question about ADS54T04IZAYR, please do not hesitate to contact us!

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

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