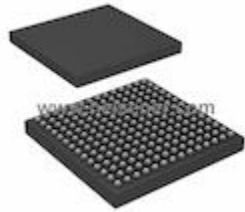


ADS54T04IZAYR Information


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


[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	ADS54T04IZAYR
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)
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