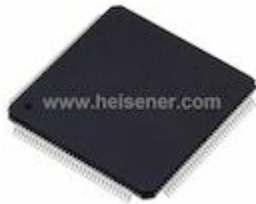


**ADC08D500CIYB Information**


For Reference Only

**Part Number** [ADC08D500CIYB](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 8BIT 500MSPS DUAL 128LQFP  
**Package** 128-LQFP 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.


**ADC08D500CIYB Specifications**

Manufacturer Part Number	<a href="#">ADC08D500CIYB</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a>
Package	128-LQFP Exposed Pad
Series	-
Number of Bits	8
Sampling Rate (Per Second)	500M
Number of Inputs	2
Input Type	Differential
Data Interface	LVDS - Parallel
Configuration	MUX-S/H-ADC
Ratio - S/H:ADC	1:1
Number of A/D Converters	2
Architecture	Folding Interpolating
Reference Type	Internal
Voltage - Supply, Analog	1.8 V ~ 2 V
Voltage - Supply, Digital	1.8 V ~ 2 V
Features	Simultaneous Sampling
Operating Temperature	-40°C ~ 85°C
Package / Case	128-LQFP Exposed Pad
Supplier Device Package	128-HLQFP (20x20)
Mounting Type	-

[Report errors?](#)

## ADC08D500CIYB 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.

## ADC08D500CIYB Payment Methods



## ADC08D500CIYB Shipping Methods



If you have any question about ADC08D500CIYB, please do not hesitate to contact us!

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

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