

ADC12D500RFIUT Information


For Reference Only

Part Number [ADC12D500RFIUT](#)
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)
Description IC ADC 12BIT 1GSPS 292BGA
Package 292-BGA Exposed Pad
 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.


ADC12D500RFIUT Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | ADC12D500RFIUT |
| Manufacturer | Texas Instruments |
| Category | Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC) |
| Package | 292-BGA Exposed Pad |
| Series | - |
| Number of Bits | 12 |
| Sampling Rate (Per Second) | 1G |
| 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 | 292-BGA Exposed Pad |
| Supplier Device Package | 292-BGA (27x27) |
| Mounting Type | - |

[Report errors?](#)

ADC12D500RFIUT 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.

ADC12D500RFIUT Payment Methods



ADC12D500RFIUT Shipping Methods



If you have any question about ADC12D500RFIUT, please do not hesitate to contact us!

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