

ADS7828E/2K5 Information


For Reference Only

Part Number [ADS7828E/2K5](#)
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)
Description IC ADC 12BIT 50KSPS 8CH 16-TSSOP
Package 16-TSSOP (0.173", 4.40mm Width)
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


ADS7828E/2K5 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | ADS7828E/2K5 |
| Manufacturer | Texas Instruments |
| Category | Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC) |
| Package | 16-TSSOP (0.173", 4.40mm Width) |
| Series | - |
| Number of Bits | 12 |
| Sampling Rate (Per Second) | 50k |
| Number of Inputs | 8 |
| Input Type | Differential, Single Ended |
| Data Interface | I2C |
| 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 | 2.7 V ~ 3.6 V, 5V |
| Voltage - Supply, Digital | 2.7 V ~ 3.6 V, 5V |
| Features | - |
| Operating Temperature | -40°C ~ 85°C |
| Package / Case | 16-TSSOP (0.173", 4.40mm Width) |
| Supplier Device Package | 16-TSSOP |
| Mounting Type | - |

[Report errors?](#)

ADS7828E/2K5 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.

ADS7828E/2K5 Payment Methods



ADS7828E/2K5 Shipping Methods



If you have any question about ADS7828E/2K5, please do not hesitate to contact us!

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