

**ADS7956QDBTRQ1 Information**


For Reference Only

**Part Number** [ADS7956QDBTRQ1](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 10BIT 1MSPS 12CH 38-TSSOP  
**Package** 38-TFSOP (0.173", 4.40mm Width)  
 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.


**ADS7956QDBTRQ1 Specifications**

Manufacturer Part Number	<a href="#">ADS7956QDBTRQ1</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a>
Package	38-TFSOP (0.173", 4.40mm Width)
Series	Automotive, AEC-Q100
Number of Bits	10
Sampling Rate (Per Second)	1M
Number of Inputs	12
Input Type	Single Ended
Data Interface	SPI
Configuration	MUX-PGA-S/H-ADC
Ratio - S/H:ADC	1:1
Number of A/D Converters	1
Architecture	SAR
Reference Type	External
Voltage - Supply, Analog	2.7 V ~ 5.25 V
Voltage - Supply, Digital	1.7 V ~ 5.25 V
Features	PGA
Operating Temperature	-40°C ~ 125°C
Package / Case	38-TFSOP (0.173", 4.40mm Width)
Supplier Device Package	38-TSSOP
Mounting Type	-

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## ADS7956QDBTRQ1 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.

## ADS7956QDBTRQ1 Payment Methods



## ADS7956QDBTRQ1 Shipping Methods



If you have any question about ADS7956QDBTRQ1, please do not hesitate to contact us!

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