

ADS7953QDBTRQ1 Information


For Reference Only

Part Number [ADS7953QDBTRQ1](#)
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
 Data Acquisition - Analog to Digital Converters (ADC)
Description IC ADC 12BIT 1MSPS 16CH 38TSSOP
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


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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.


ADS7953QDBTRQ1 Specifications

Manufacturer Part Number	ADS7953QDBTRQ1
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)
Package	38-TFSOP (0.173", 4.40mm Width)
Series	Automotive, AEC-Q100
Number of Bits	12
Sampling Rate (Per Second)	1M
Number of Inputs	16
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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ADS7953QDBTRQ1 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.

ADS7953QDBTRQ1 Payment Methods



ADS7953QDBTRQ1 Shipping Methods



If you have any question about ADS7953QDBTRQ1, please do not hesitate to contact us!

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