

**AD7689ACPZRL7 Information**


For Reference Only

**Part Number** [AD7689ACPZRL7](#)  
**Manufacturer** Analog Devices Inc.  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 16BIT 250KSPS 8CH 20LFCSP  
**Package** 20-WFQFN Exposed Pad, CSP  
 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.


**AD7689ACPZRL7 Specifications**

Manufacturer Part Number	<a href="#">AD7689ACPZRL7</a>
Manufacturer	Analog Devices Inc.
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a>
Package	20-WFQFN Exposed Pad, CSP
Series	PuLSAR?
Number of Bits	16
Sampling Rate (Per Second)	250k
Number of Inputs	8
Input Type	Differential, Pseudo-Differential, Single Ended
Data Interface	SPI, DSP
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	2.3 V ~ 5.5 V
Voltage - Supply, Digital	2.3 V ~ 5.5 V
Features	Temperature Sensor
Operating Temperature	-40°C ~ 85°C
Package / Case	20-WFQFN Exposed Pad, CSP
Supplier Device Package	20-LFCSP-WQ (4x4)
Mounting Type	-

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## AD7689ACPZRL7 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.

## AD7689ACPZRL7 Payment Methods



## AD7689ACPZRL7 Shipping Methods



If you have any question about AD7689ACPZRL7, please do not hesitate to contact us!

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