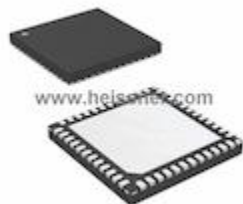


**KAD5512P-17Q48 Information**


For Reference Only

**Part Number** [KAD5512P-17Q48](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 12BIT 170MSPS SGL 48-QFN  
**Package** 48-VFQFN Exposed Pad  
 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.


**KAD5512P-17Q48 Specifications**

Manufacturer Part Number	<a href="#">KAD5512P-17Q48</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a>
Package	48-VFQFN Exposed Pad
Series	-
Number of Bits	12
Sampling Rate (Per Second)	170M
Number of Inputs	1
Input Type	Differential
Data Interface	LVDS - Parallel, Parallel
Configuration	S/H-ADC
Ratio - S/H:ADC	1:1
Number of A/D Converters	1
Architecture	SAR
Reference Type	Internal
Voltage - Supply, Analog	1.7 V ~ 1.9 V
Voltage - Supply, Digital	1.7 V ~ 1.9 V
Features	-
Operating Temperature	-40°C ~ 85°C
Package / Case	48-VFQFN Exposed Pad
Supplier Device Package	48-QFN (7x7)
Mounting Type	-

[Report errors?](#)

## KAD5512P-17Q48 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.

## KAD5512P-17Q48 Payment Methods



## KAD5512P-17Q48 Shipping Methods



If you have any question about KAD5512P-17Q48, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)