

HMCAD1520 Information



For Reference Only

Part Number [HMCAD1520](#)
Manufacturer Analog Devices Inc.
Category Integrated Circuits (ICs)
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)
Description IC ADC 8/12/14/16B SPI/SRL 48QFN
Package 48-VFQFN Exposed Pad
 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.



HMCAD1520 Specifications

Manufacturer Part Number	HMCAD1520
Manufacturer	Analog Devices Inc.
Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)
Package	48-VFQFN Exposed Pad
Series	-
Number of Bits	8, 12, 14, 16
Sampling Rate (Per Second)	500M, 560M, 660M, 1G
Number of Inputs	1, 2, 4
Input Type	Differential
Data Interface	LVDS - Serial
Configuration	MUX-S/H-ADC
Ratio - S/H:ADC	1:1
Number of A/D Converters	4
Architecture	Pipelined
Reference Type	Internal
Voltage - Supply, Analog	1.7 V ~ 2 V
Voltage - Supply, Digital	1.7 V ~ 2 V
Features	Interleavable, Simultaneous Sampling
Operating Temperature	-40°C ~ 85°C
Package / Case	48-VFQFN Exposed Pad
Supplier Device Package	48-QFN (7x7)
Mounting Type	-

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HMCAD1520 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.

HMCAD1520 Payment Methods



HMCAD1520 Shipping Methods



If you have any question about HMCAD1520, please do not hesitate to contact us!

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