

MCP3008-I/P Information


For Reference Only

Part Number [MCP3008-I/P](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)
Description IC ADC 10BIT 2.7V 8CH SPI 16DIP
Package 16-DIP (0.300", 7.62mm)
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


MCP3008-I/P Specifications

Manufacturer Part Number	MCP3008-I/P
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)
Package	16-DIP (0.300", 7.62mm)
Series	-
Number of Bits	10
Sampling Rate (Per Second)	200k
Number of Inputs	4, 8
Input Type	Pseudo-Differential, Single Ended
Data Interface	SPI
Configuration	MUX-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 ~ 5.5 V
Voltage - Supply, Digital	2.7 V ~ 5.5 V
Features	-
Operating Temperature	-40°C ~ 85°C
Package / Case	16-DIP (0.300", 7.62mm)
Supplier Device Package	16-PDIP
Mounting Type	-

[Report errors?](#)

MCP3008-I/P 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.

MCP3008-I/P Payment Methods



MCP3008-I/P Shipping Methods



If you have any question about MCP3008-I/P, please do not hesitate to contact us!

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