

**MCP3422A1-E/MC Information**


For Reference Only

**Part Number** [MCP3422A1-E/MC](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 18BIT I2C 3.75SPS 8DFN  
**Package** 8-VDFDN 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.


**MCP3422A1-E/MC Specifications**

Manufacturer Part Number	<a href="#">MCP3422A1-E/MC</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a>
Package	8-VDFDN Exposed Pad
Series	-
Number of Bits	18
Sampling Rate (Per Second)	3.75
Number of Inputs	2
Input Type	Differential
Data Interface	I2C
Configuration	MUX-PGA-ADC
Ratio - S/H:ADC	-
Number of A/D Converters	1
Architecture	Sigma-Delta
Reference Type	Internal
Voltage - Supply, Analog	2.7 V ~ 5.5 V
Voltage - Supply, Digital	2.7 V ~ 5.5 V
Features	PGA
Operating Temperature	-40°C ~ 125°C
Package / Case	8-VDFDN Exposed Pad
Supplier Device Package	8-DFN (2x3)
Mounting Type	-

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## MCP3422A1-E/MC 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.

## MCP3422A1-E/MC Payment Methods



## MCP3422A1-E/MC Shipping Methods



If you have any question about MCP3422A1-E/MC, please do not hesitate to contact us!

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