

**MCP37231-200I/TE Information**


For Reference Only

**Part Number** [MCP37231-200I/TE](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** 16-BIT, 200 MSPS, SINGLE PIPELIN  
**Package** 121-TFBGA  
 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.


**MCP37231-200I/TE Specifications**

Manufacturer Part Number	<a href="#">MCP37231-200I/TE</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a>
Package	121-TFBGA
Series	-
Number of Bits	16
Sampling Rate (Per Second)	200M
Number of Inputs	8
Input Type	Differential
Data Interface	LVDS - Parallel, Parallel
Configuration	MUX-ADC
Ratio - S/H:ADC	-
Number of A/D Converters	1
Architecture	Pipelined
Reference Type	Internal
Voltage - Supply, Analog	1.14 V ~ 1.26 V, 1.71 V ~ 1.89 V
Voltage - Supply, Digital	1.14 V ~ 1.26 V, 1.71 V ~ 1.89 V
Features	-
Operating Temperature	-40°C ~ 85°C
Package / Case	121-TFBGA
Supplier Device Package	121-TFBGA (8x8)
Mounting Type	-

[Report errors?](#)

## MCP37231-200I/TE 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.

## MCP37231-200I/TE Payment Methods



## MCP37231-200I/TE Shipping Methods



If you have any question about MCP37231-200I/TE, please do not hesitate to contact us!

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