

**MCP45HV31T-503E/MQ Information**


For Reference Only

**Part Number** [MCP45HV31T-503E/MQ](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Digital Potentiometers](#)  
**Description** IC DGTL POT 50K 128TAPS 20QFN  
**Package** 20-VQFN 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.


**MCP45HV31T-503E/MQ Specifications**

Manufacturer Part Number	<a href="#">MCP45HV31T-503E/MQ</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Digital Potentiometers</a>
Package	20-VQFN Exposed Pad
Series	-
Taper	Linear
Configuration	Potentiometer
Number of Circuits	1
Number of Taps	128
Resistance (Ohms)	50k
Interface	I2C
Memory Type	Volatile
Voltage - Supply	1.8 V ~ 5.5 V, 10 V ~ 36 V, ±5V ~ 18 V
Features	Selectable Address
Tolerance	±20%
Temperature Coefficient (Typ)	100 ppm/°C
Resistance - Wiper (Ohms) (Typ)	145
Operating Temperature	-40°C ~ 125°C
Package / Case	20-VQFN Exposed Pad
Supplier Device Package	20-QFN (5x5)

[Report errors?](#)

## MCP45HV31T-503E/MQ 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.

## MCP45HV31T-503E/MQ Payment Methods



## MCP45HV31T-503E/MQ Shipping Methods



If you have any question about MCP45HV31T-503E/MQ, please do not hesitate to contact us!

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