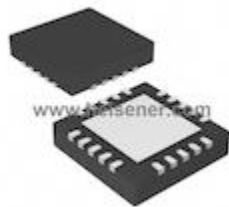


**MCP4331-503E/ML Information**


For Reference Only

**Part Number** [MCP4331-503E/ML](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Digital Potentiometers](#)  
**Description** IC DGTL POT QUAD 50K 20QFN  
**Package** 20-VFQFN 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.


**MCP4331-503E/ML Specifications**

|                                 |  |
|---------------------------------|--|
| Manufacturer Part Number        | <a href="#">MCP4331-503E/ML</a>  |
| Manufacturer                    | Microchip Technology   |
| Category                        | Integrated Circuits (ICs)<br><a href="#">Data Acquisition - Digital Potentiometers</a> |
| Package                         | 20-VFQFN Exposed Pad   |
| Series                          | -  |
| Taper                           | Linear   |
| Configuration                   | Potentiometer  |
| Number of Circuits              | 4  |
| Number of Taps                  | 129  |
| Resistance (Ohms)               | 50k  |
| Interface                       | SPI  |
| Memory Type                     | Volatile   |
| Voltage - Supply                | 1.8 V ~ 5.5 V  |
| Features                        | -  |
| Tolerance                       | ±20%   |
| Temperature Coefficient (Typ)   | 150 ppm/°C   |
| Resistance - Wiper (Ohms) (Typ) | 75   |
| Operating Temperature           | -40°C ~ 125°C  |
| Package / Case                  | 20-VFQFN Exposed Pad   |
| Supplier Device Package         | 20-QFN-EP (4x4)  |

[Report errors?](#)

## MCP4331-503E/ML 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.

## MCP4331-503E/ML Payment Methods



## MCP4331-503E/ML Shipping Methods



If you have any question about MCP4331-503E/ML, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)