

**MCP4431-502E/ST Information**


For Reference Only

**Part Number** [MCP4431-502E/ST](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Digital Potentiometers](#)  
**Description** IC POT 5K QUAD 7BIT 20TSSOP  
**Package** 20-TSSOP (0.173", 4.40mm Width)  
 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.


**MCP4431-502E/ST Specifications**

Manufacturer Part Number	<a href="#">MCP4431-502E/ST</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Digital Potentiometers</a>
Package	20-TSSOP (0.173", 4.40mm Width)
Series	-
Taper	Linear
Configuration	Potentiometer
Number of Circuits	4
Number of Taps	129
Resistance (Ohms)	5k
Interface	I2C
Memory Type	Volatile
Voltage - Supply	1.8 V ~ 5.5 V
Features	Selectable Address
Tolerance	±20%
Temperature Coefficient (Typ)	150 ppm/°C
Resistance - Wiper (Ohms) (Typ)	75
Operating Temperature	-40°C ~ 125°C
Package / Case	20-TSSOP (0.173", 4.40mm Width)
Supplier Device Package	20-TSSOP

[Report errors?](#)

## MCP4431-502E/ST 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.

## MCP4431-502E/ST Payment Methods



## MCP4431-502E/ST Shipping Methods



If you have any question about MCP4431-502E/ST, please do not hesitate to contact us!

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

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