



Image may be representation.
See specifications for product details.



MCP4461-503E/ST

Manufacturer Part Number	MCP4461-503E/ST
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP4461-503E/ST
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DGT POT 50KOHM 257TAP 20TSSOP
Package	20-TSSOP (0.173", 4.40mm Width)
Data sheet	MCP4461-503E/ST.pdf
RoHs Status	ROHS3 Compliant

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MCP4461-503E/ST - Microchip Technology.New Original in Stock. Download Linear Technology MCP4461-503E/ST datasheet/specifications on AllelcoElec.com.
Request a quote for MCP4461-503E/ST, please send us email: info@allelco.com

Specifications

MCP4461-503E/ST Tech Specifications
MCP4461-503E/ST - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tube
Voltage - Supply	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Tolerance	±20%	Number of Taps	257
Temperature Coefficient (Typ)	150ppm/°C	Number of Circuits	4
Taper	Linear	Mounting Type	Surface Mount
Supplier Device Package	20-TSSOP	Memory Type	Non-Volatile
Series	WiperLock™	Interface	I²C
Resistance - Wiper (Ohms) (Typ)	75	Features	Mute, Selectable Address
Resistance (Ohms)	50k	Configuration	Potentiometer
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Base Product Number	MCP4461

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP4461-503E/ST

Product Attribute				
Part Number	MCP4461-503E/ST	MCP4531T-503E/MF	MCP4532-104E/MS	MCP4532-103E/MS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Taps	257	129	129	129
Resistance - Wiper (Ohms) (Typ)	75	75	75	75
Tolerance	±20%	±20%	±20%	±20%
Number of Circuits	4	1	1	1
Interface	I²C	I²C	I²C	I²C
Supplier Device Package	20-TSSOP	8-DFN (3x3)	8-MSOP	8-MSOP
Base Product Number	MCP4461	MCP4531	MCP4532	MCP4532
Configuration	Potentiometer	Potentiometer	Rheostat	Rheostat
Package / Case	20-TSSOP (0.173", 4.40mm Width)	8-VDFN Exposed Pad	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Temperature Coefficient (Typ)	150ppm/°C	150ppm/°C	150ppm/°C	150ppm/°C
Features	Mute, Selectable Address	Selectable Address	Selectable Address	Selectable Address
Series	WiperLock™	-	-	-
Package	Tube	Tape & Reel (TR)	Tube	Tube
Resistance (Ohms)	50k	50k	100k	10k
Taper	Linear	Linear	Linear	Linear
Memory Type	Non-Volatile	Volatile	Volatile	Volatile

MCP4461-503E/ST Datasheet PDF

Download MCP4461-503E/ST pdf datasheets and Microchip Technology documentation for MCP4461-503E/ST - Microchip Technology.

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

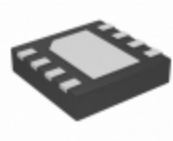
[MBB/Label Chgs 16/Nov/2018.pdf](#)

PCN Design/Specification

[Lead Frame Update 16/Apr/2015.pdf](#)

Customers Also Interested in

Recommended Products



MCP4531T-503E/MF

Microchip Technology
IC DGT POT 50KOHM 129TAP 8DFN



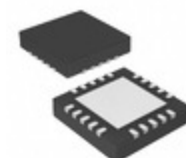
MCP4532-104E/MS

Microchip Technology
IC DGT POT 100KOHM 129TAP 8MSOP



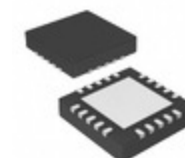
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IC DGT POT 10KOHM 129TAP 8MSOP



MCP4461-104E/ML

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IC DGT POT 100KOHM 257TAP 20QFN



MCP4451-103E/ML

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IC DGT POT 10KOHM 257TAP 20QFN



MCP4531-104E/MS

Microchip Technology
IC DGT POT 100KOHM 129TAP 8MSOP



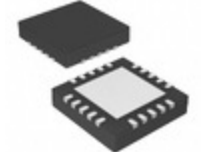
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Microchip Technology
IC DGT POT 100KOHM 129TAP 8MSOP



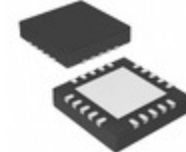
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IC DGT POT 50KOHM 257TAP 20TSSOP



MCP4461-503E/ML

Microchip Technology
IC DGT POT 50KOHM 257TAP 20QFN



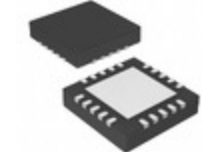
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IC DGT POT 50KOHM 129TAP 20QFN



MCP4462-104E/ST

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IC DGT POT 100KOHM 257TAP 14TSSOP



MCP4451-104E/ML

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IC DGT POT 100KOHM 257TAP 20QFN



MCP4531T-502E/MS

Microchip Technology
IC DGT POT 50KOHM 129TAP 8MSOP



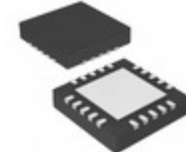
MCP4442T-503E/ST

Microchip Technology
IC DGT POT 50KOHM 129TAP 14TSSOP



MCP4431-104E/ST

Microchip Technology
IC DGT POT 100KOHM 129TAP 20TSSOP



MCP4441-503E/ML

Microchip Technology
IC DGT POT 50KOHM 129TAP 20QFN



MCP4531-103E/MS

Microchip Technology
IC DGT POT 10KOHM 129TAP 8MSOP



MCP4452-502E/ST

Microchip Technology
IC DGT POT 50KOHM 257TAP 14TSSOP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.




Contact us if you have any questions.

Payment Support



The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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