

Image may be representation.  
See specifications for product details.



## MCP4631-503E/ST

Manufacturer Part Number	<b>MCP4631-503E/ST</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP4631-503E/ST
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DGT POT 50KOHM 129TAP 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>MCP453x,455x,463x,465x.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MCP4631-503E/ST - Microchip Technology. New Original in Stock. Download Linear Technology MCP4631-503E/ST datasheet/specifications on AllelcoElec.com. Request a quote for MCP4631-503E/ST, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP4631-503E/ST Tech Specifications  
MCP4631-503E/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	129
Temperature Coefficient (Typ)	150ppm/°C	Number of Circuits	2
Taper	Linear	Mounting Type	Surface Mount
Supplier Device Package	14-TSSOP	Memory Type	Volatile
Series	-	Interface	I²C
Resistance - Wiper (Ohms) (Typ)	75	Features	Selectable Address
Resistance (Ohms)	50k	Configuration	Potentiometer
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	MCP4631

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP4631-503E/ST

Product Attribute				
Part Number	MCP4631-503E/ST	MCP4631T-103E/ML	MCP4631T-104E/ML	MCP45HV51-502E/ST
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Tolerance	±20%	±20%	±20%	±20%
Temperature Coefficient (Typ)	150ppm/°C	150ppm/°C	150ppm/°C	100ppm/°C
Series	-	-	-	-
Supplier Device Package	14-TSSOP	16-QFN (4x4)	16-QFN (4x4)	14-TSSOP
Package / Case	14-TSSOP (0.173", 4.40mm Width)	16-VQFN Exposed Pad	16-VQFN Exposed Pad	14-TSSOP (0.173", 4.40mm Width)
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V, 10V ~ 36V, ±5V ~ 18V
Resistance (Ohms)	50k	10k	100k	5k
Memory Type	Volatile	Volatile	Volatile	Volatile
Number of Taps	129	129	129	256
Configuration	Potentiometer	Potentiometer	Potentiometer	Potentiometer
Resistance - Wiper (Ohms) (Typ)	75	75	75	145
Features	Selectable Address	Selectable Address	Selectable Address	Mute, Selectable Address
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Interface	I²C	I²C	I²C	I²C
Base Product Number	MCP4631	MCP4631	MCP4631	MCP45HV51
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Taper	Linear	Linear	Linear	Linear
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Number of Circuits	2	2	2	1

### MCP4631-503E/ST Datasheet PDF

Download MCP4631-503E/ST pdf datasheets and Microchip Technology documentation for MCP4631-503E/ST - Microchip Technology.

#### Datasheets

MCP453x,455x,463x,465x.pdf

#### PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

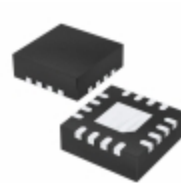
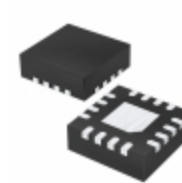
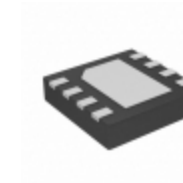
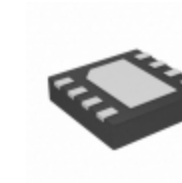
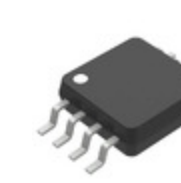

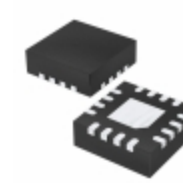
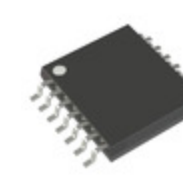

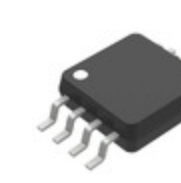
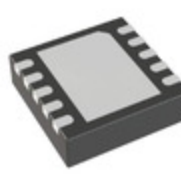


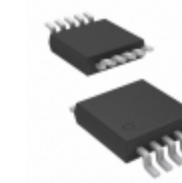
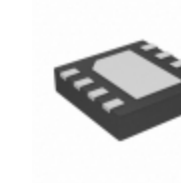
Packing Changes 10/Oct/2016.pdf

#### PCN Design/Specification

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 <b>MCP4631T-103E/ML</b> Microchip Technology IC DGTL POT 10KOHM 129TAP 16QFN	 <b>MCP4631T-104E/ML</b> Microchip Technology IC DGTL POT 100KOHM 129TAP 16QFN	 <b>MCP45HV51-502E/ST</b> Microchip Technology IC DGTL POT 5KOHM 256TAP 14TSSOP	 <b>MCP4562T-104E/MF</b> Microchip Technology IC DGTL POT 100KOHM 257TAP 8DFN	 <b>MCP4562T-502E/MF</b> Microchip Technology IC DGT POT 5KOHM 257TAP 8DFN	 <b>MCP4562T-103E/MS</b> Microchip Technology IC DGTL POT 10KOHM 257TAP 8MSOP
 <b>MCP4641-104E/ST</b> Microchip Technology IC DGT POT 100KOHM 129TAP 14TSSOP	 <b>MCP4632T-104E/UN</b> Microchip Technology IC DGT POT 100KOHM 129TAP 10MSOP	 <b>MCP4631T-503E/ML</b> Microchip Technology IC DGTL POT 50KOHM 129TAP 16QFN	 <b>MCP4641-502E/ST</b> Microchip Technology IC DGTL POT 5KOHM 129TAP 14TSSOP	 <b>MCP4632-503E/UN</b> Microchip Technology IC DGTL POT 50KOHM 129TAP 10MSOP	 <b>MCP4562-103E/MS</b> Microchip Technology IC DGTL POT 10KOHM 257TAP 8MSOP
 <b>MCP4632T-103E/MF</b> Microchip Technology IC DGTL POT 10KOHM 129TAP 10DFN	 <b>MCP4632T-502E/MF</b> Microchip Technology IC DGTL POT 5KOHM 129TAP 10DFN	 <b>MCP4562T-502E/MS</b> Microchip Technology IC DGTL POT 5KOHM 257TAP 8MSOP	 <b>MCP4631-104E/ST</b> Microchip Technology IC DGT POT 100KOHM 129TAP 14TSSOP	 <b>MCP4632-103E/UN</b> Microchip Technology IC DGTL POT 10KOHM 129TAP 10MSOP	 <b>MCP4562T-503E/MF</b> Microchip Technology IC DGT POT 50KOHM 257TAP 8DFN

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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



View More

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