

Image may be representation.
See specifications for product details.



MCP4251-103E/ST

Manufacturer Part Number	MCP4251-103E/ST
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP4251-103E/ST
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DGT POT 10KOHM 257TAP 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP4251-103E/ST - Microchip Technology. New Original in Stock. Download Linear Technology MCP4251-103E/ST datasheet/specifications on AllelcoElec.com. Request a quote for MCP4251-103E/ST, please send us email: info@allelco.com

Specifications

MCP4251-103E/ST Tech Specifications
MCP4251-103E/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	2
Taper	Linear	Mounting Type	Surface Mount
Supplier Device Package	14-TSSOP	Memory Type	Volatile
Series	-	Interface	SPI
Resistance - Wiper (Ohms) (Typ)	75	Features	-
Resistance (Ohms)	10k	Configuration	Potentiometer
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	MCP4251

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP4251-103E/ST

Product Attribute				
Part Number	MCP4251-103E/ST	MCP4252T-502E/UN	MCP4261-104E/ST	MCP4251-502E/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	14-TSSOP (0.173", 4.40mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	14-TSSOP (0.173", 4.40mm Width)	16-VQFN Exposed Pad
Taper	Linear	Linear	Linear	Linear
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MCP4251	MCP4252	MCP4261	MCP4251
Resistance - Wiper (Ohms) (Typ)	75	75	75	75
Configuration	Potentiometer	Rheostat	Potentiometer	Potentiometer
Tolerance	±20%	±20%	±20%	±20%
Number of Circuits	2	2	2	2
Number of Taps	257	257	257	257
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Temperature Coefficient (Typ)	150ppm/°C	150ppm/°C	150ppm/°C	150ppm/°C
Resistance (Ohms)	10k	5k	100k	5k
Interface	SPI	SPI	SPI	SPI
Memory Type	Volatile	Volatile	Non-Volatile	Volatile
Supplier Device Package	14-TSSOP	10-MSOP	14-TSSOP	16-QFN (4x4)
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Series	-	-	WiperLock™	-
Features	-	-	-	-
Package	Tube	Tape & Reel (TR)	Tube	Tube

MCP4251-103E/ST Datasheet PDF

Download MCP4251-103E/ST pdf datasheets and Microchip Technology documentation for MCP4251-103E/ST - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging



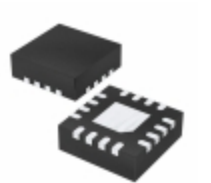







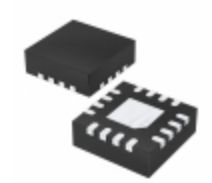






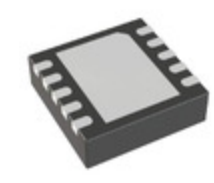
[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

PCN Design/Specification

Customers Also Interested in

Recommended Products

					
MCP4252T-502E/UN Microchip Technology IC DGTL POT 50KOHM 257TAP 10MSOP	MCP4261-104E/ST Microchip Technology IC DGT POT 100KOHM 257TAP 14TSSOP	MCP4251-502E/ML Microchip Technology IC DGT POT 50KOHM 257TAP 16QFN	MCP4251-103E/SL Microchip Technology IC DGTL POT 10KOHM 257TAP 14SOIC	MCP4252-104E/UN Microchip Technology IC DGT POT 100KOHM 257TAP 10MSOP	MCP4231T-103E/SL Microchip Technology IC DGTL POT 10KOHM 129TAP 14SOIC
					
MCP4231-503E/SL Microchip Technology IC DGTL POT 50KOHM 129TAP 14SOIC	MCP4251-503E/ST Microchip Technology IC DGT POT 50KOHM 257TAP 14TSSOP	MCP4241-104E/SL Microchip Technology IC DGT POT 100KOHM 129TAP 14SOIC	MCP4251-502E/ST Microchip Technology IC DGTL POT 50KOHM 257TAP 14TSSOP	MCP4251-103E/ML Microchip Technology IC DGTL POT 10KOHM 257TAP 16QFN	MCP4242T-104E/UN Microchip Technology IC DGT POT 100KOHM 129TAP 10MSOP
					
MCP4252T-104E/UN Microchip Technology IC DGT POT 100KOHM 257TAP 10MSOP	MCP4240LADJ MCP	MCP4232-104E/UN Microchip Technology IC DGT POT 100KOHM 129TAP 10MSOP	MCP4261-103E/ST Microchip Technology IC DGT POT 10KOHM 257TAP 14TSSOP	MCP4242-103E/UN Microchip Technology IC DGTL POT 10KOHM 129TAP 10MSOP	MCP4242T-103E/MF Microchip Technology IC DGTL POT 10KOHM 129TAP 10DFN

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.



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-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
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Certifications & Memberships



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