



Image may be representation.
See specifications for product details.



MCP4018T-503E/LT

Manufacturer Part Number	MCP4018T-503E/LT
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP4018T-503E/LT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DGTL POT 50KOHM 128TAP SC70-6
Package	6-TSSOP, SC-88, SOT-363
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP4018T-503E/LT - Microchip Technology. New Original in Stock. Download Linear Technology MCP4018T-503E/LT datasheet/specifications on AllelcoElec.com. Request a quote for MCP4018T-503E/LT, please send us email: info@allelco.com

Specifications

MCP4018T-503E/LT Tech Specifications
MCP4018T-503E/LT - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Supply	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Tolerance	±20%	Number of Taps	128
Temperature Coefficient (Typ)	150ppm/°C	Number of Circuits	1
Taper	Linear	Mounting Type	Surface Mount
Supplier Device Package	SC-70-6	Memory Type	Volatile
Series	-	Interface	I ² C
Resistance - Wiper (Ohms) (Typ)	155	Features	-
Resistance (Ohms)	50k	Configuration	Potentiometer
Package / Case	6-TSSOP, SC-88, SOT-363	Base Product Number	MCP4018

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP4018T-503E/LT

Product Attribute				
Part Number	MCP4018T-503E/LT	MCP4021-103E/MS	MCP4017T-103E/LT	MCP4021-103E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Resistance (Ohms)	50k	10k	10k	10k
Tolerance	±20%	±20%	±20%	±20%
Interface	I ² C	Up/Down (U/D, CS)	I ² C	Up/Down (U/D, CS)
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Resistance - Wiper (Ohms) (Typ)	155	70	155	70
Voltage - Supply	1.8V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V	2.7V ~ 5.5V
Number of Taps	128	64	128	64
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Taper	Linear	Linear	Linear	Linear
Features	-	-	-	-
Package / Case	6-TSSOP, SC-88, SOT-363	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	6-TSSOP, SC-88, SOT-363	8-SOIC (0.154", 3.90mm Width)
Memory Type	Volatile	Non-Volatile	Volatile	Non-Volatile
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Circuits	1	1	1	1
Base Product Number	MCP4018	MCP4021	MCP4017	MCP4021
Temperature Coefficient (Typ)	150ppm/°C	150ppm/°C	150ppm/°C	150ppm/°C
Configuration	Potentiometer	Potentiometer	Rheostat	Potentiometer
Supplier Device Package	SC-70-6	8-MSOP	SC-70-6	8-SOIC
Series	-	WiperLock™	-	WiperLock™

MCP4018T-503E/LT Datasheet PDF

Download MCP4018T-503E/LT pdf datasheets and Microchip Technology documentation for MCP4018T-503E/LT - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

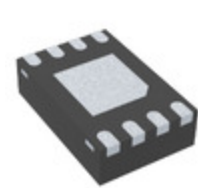
[Packing Changes 10/Oct/2016.pdf](#)

PCN Assembly/Origin



Customers Also Interested in

Recommended Products

**MCP4021-103E/MS**Microchip Technology
IC DGTL POT 10KOHM 64TAP 8MSOP**MCP4017T-103E/LT**Microchip Technology
IC DGTL POT 10KOHM 128TAP SC70-6**MCP4021-103E/SN**Microchip Technology
IC DGTL POT 10KOHM 64TAP 8SOIC**MCP4017T-503E/LT**Microchip Technology
IC DGTL POT 50KOHM 128TAP SC70-6**MCP4019T-104E/LT**Microchip Technology
IC DGT POT 100KOHM 128TAP SC70-5**MCP4021-202E/SN**Microchip Technology
IC DGTL POT 2.1KOHM 64TAP 8SOIC**MCP4019T-103E/LT**Microchip Technology
IC DGTL POT 10KOHM 128TAP SC70-5**MCP4014T-503E/OT**Microchip Technology
IC DGTL POT 50KOHM 64TAP SOT23-5**MCP4013T-503E/CH**Microchip Technology
IC DGTL POT 50KOHM 64TAP SOT23-6**MCP4019T-503E/LT**Microchip Technology
IC DGTL POT 50KOHM 128TAP SC70-5**MCP4018T-104E/LT**Microchip Technology
IC DGT POT 100KOHM 128TAP SC70-6**MCP4021-502E/SN**Microchip Technology
IC DGTL POT 5KOHM 64TAP 8SOIC**MCP4018T-103E/LT**Microchip Technology
IC DGTL POT 10KOHM 128TAP SC70-6**MCP4017T-502E/LT**Microchip Technology
IC DGTL POT 5KOHM 128TAP SC70-6**MCP4021T-103E/MC**Microchip Technology
IC DGTL POT 10KOHM 64TAP 8DFN**MCP4017T-104E/LT**Microchip Technology
IC DGT POT 100KOHM 128TAP SC70-6**MCP4021T-103E/MS**Microchip Technology
IC DGTL POT 10KOHM 64TAP 8MSOP**MCP4014T-103E/OT**Microchip Technology
IC DGTL POT 10KOHM 64TAP SOT23-5

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.



Phone

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Certifications & Memberships



View More

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