

Image may be representation.
See specifications for product details.



MCP42010T-I/ST

Manufacturer Part Number	MCP42010T-I/ST
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP42010T-I/ST
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DGT POT 10KOHM 256TAP 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	MCP41zzz, MCP42zzz.pdf
RoHs Status	ROHS3 Compliant

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MCP42010T-I/ST - Microchip Technology. New Original in Stock. Download Linear Technology MCP42010T-I/ST datasheet/specifications on AllelcoElec.com. Request a quote for MCP42010T-I/ST, please send us email: info@allelco.com

Specifications

MCP42010T-I/ST Tech Specifications
MCP42010T-I/ST - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Supply	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 85°C
Tolerance	±20%	Number of Taps	256
Temperature Coefficient (Typ)	800ppm/°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)	73	Features	Cascade Pin
Resistance (Ohms)	10k	Configuration	Potentiometer
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	MCP42010

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP42010T-I/ST

Product Attribute				
Part Number	MCP42010T-I/ST	MCP42010T-I/SL	MCP4231-103E/SL	MCP42010-I/ST
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)
Resistance - Wiper (Ohms) (Typ)	73	73	75	73
Features	Cascade Pin	Cascade Pin	-	Cascade Pin
Number of Taps	256	256	129	256
Configuration	Potentiometer	Potentiometer	Potentiometer	Potentiometer
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V	2.7V ~ 5.5V
Temperature Coefficient (Typ)	800ppm/°C	800ppm/°C	150ppm/°C	800ppm/°C
Resistance (Ohms)	10k	10k	10k	10k
Memory Type	Volatile	Volatile	Volatile	Volatile
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 85°C
Supplier Device Package	14-TSSOP	14-SOIC	14-SOIC	14-TSSOP
Interface	SPI	SPI	SPI	SPI
Taper	Linear	Linear	Linear	Linear
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Base Product Number	MCP42010	MCP42010	MCP4231	MCP42010
Tolerance	±20%	±20%	±20%	±20%
Number of Circuits	2	2	2	2

MCP42010T-I/ST Datasheet PDF

Download MCP42010T-I/ST pdf datasheets and Microchip Technology documentation for MCP42010T-I/ST - Microchip Technology.

Datasheets

[MCP41zzz, MCP42zzz.pdf](#)

Other Related Documents

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products



MCP42010T-I/SL

Microchip Technology
IC DGTL POT 10KOHM 256TAP
14SOIC



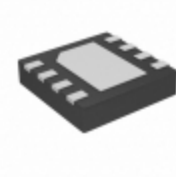
MCP4231-103E/SL

Microchip Technology
IC DGTL POT 10KOHM 129TAP
14SOIC



MCP42010-I/ST

Microchip Technology
IC DGT POT 10KOHM 256TAP
14TSSOP



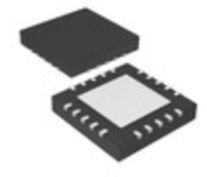
MCP4162-503E/MF

Microchip Technology
IC DGT POT 50KOHM 257TAP 8DFN



MCP42010-I/SL

Microchip Technology
IC DGTL POT 10KOHM 256TAP
14SOIC



MCP41HV51T-104E/MQ

Microchip Technology
IC DGT POT 100KOHM 256TAP
20QFN



MCP42100-I/SL

Microchip Technology
IC DGT POT 100KOHM 256TAP
14SOIC



MCP4162-503E/SN

Microchip Technology
IC DGTL POT 50KOHM 257TAP
8SOIC



MCP42100-E/P

Microchip Technology
IC DGT POT 100KOHM 256TAP
14DIP



MCP42050-I/ST

Microchip Technology
IC DGT POT 50KOHM 256TAP
14TSSOP



MCP42050-E/SL

Microchip Technology
IC DGTL POT 50KOHM 256TAP
14SOIC



MCP4162T-103E/MF

Microchip Technology
IC DGT POT 10KOHM 257TAP 8DFN



MCP4162T-503E/MS

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IC DGTL POT 50KOHM 257TAP
8MSOP



MCP42100-I/P

Microchip Technology
IC DGT POT 100KOHM 256TAP
14DIP



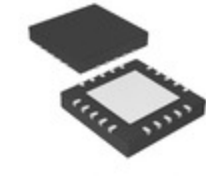
MCP4231-103E/ST

Microchip Technology
IC DGT POT 10KOHM 129TAP
14TSSOP



MCP42050-I/SL

Microchip Technology
IC DGTL POT 50KOHM 256TAP
14SOIC



MCP41HV51-104E/MQ

Microchip Technology
IC DGT POT 100KOHM 256TAP
20QFN



MCP42050T-I/ST

Microchip Technology
IC DGT POT 50KOHM 256TAP
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.



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Delivery

Contact us if you have any questions.



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+00852 9146 4856



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Certifications & Memberships



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