

Image may be representation.  
See specifications for product details.



## MCP2021-500E/SN

Manufacturer Part Number	<b>MCP2021-500E/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP2021-500E/SN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC TRANSCEIVER HALF 1/1 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MCP2021,22(P) Datasheet.pdf</b>
RoHs Status	ROHS3 Compliant

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MCP2021-500E/SN - Microchip Technology. New Original in Stock. Download Linear Technology MCP2021-500E/SN datasheet/specifications on AllelcoElec.com. Request a quote for MCP2021-500E/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP2021-500E/SN Tech Specifications  
MCP2021-500E/SN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tube
Voltage - Supply	6V ~ 18V	Operating Temperature	-40°C ~ 125°C
Type	Transceiver	Number of Drivers/Receivers	1/1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	-	Duplex	Half
Receiver Hysteresis	175 mV	Data Rate	-
Protocol	LINbus	Base Product Number	MCP2021
Package / Case	8-SOIC (0.154", 3.90mm Width)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP2021-500E/SN

Product Attribute				
Part Number	MCP2021-500E/SN	MCP201T-1/SN	MCP2004A-E/SN	MCP2021A-330E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Number of Drivers/Receivers	1/1	1/1	1/1	1/1
Voltage - Supply	6V ~ 18V	6V ~ 18V	6V ~ 27V	6V ~ 18V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Base Product Number	MCP2021	MCP201	MCP2004	MCP2021
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Receiver Hysteresis	175 mV	50 mV	175 mV	175 mV
Duplex	Half	Half	Half	Half
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 125°C
Type	Transceiver	Transceiver	Transceiver	Transceiver
Data Rate	-	-	-	-
Package	Tube	Tape & Reel (TR)	Tube	Tube
Protocol	LINbus	LINbus	LINbus	LINbus

### MCP2021-500E/SN Datasheet PDF

Download MCP2021-500E/SN pdf datasheets and Microchip Technology documentation for MCP2021-500E/SN - Microchip Technology.

#### Datasheets

[MCP2021,22\(P\) Datasheet.pdf](#)

#### PCN Packaging

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

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

#### Other Related Documents

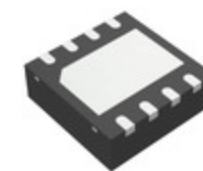
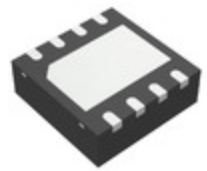
[Development Tools Catalog.pdf](#)

#### PCN Design/Specification

[MCP2021/2/1P/2P Datasheet Update 18/Jul/2014.pdf](#)

### Customers Also Interested in

#### Recommended Products

**MCP201T-I/SN**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8SOIC**MCP2004A-E/SN**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8SOIC**MCP2021A-330E/SN**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8SOIC**MCP201-E/SN**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8SOIC**MCP2021-330E/SN**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8SOIC**MCP2021-330E/MD**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8DFN**MCP2021A-500E/MD**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8DFN**MCP2021AT-330E/SN**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8SOIC**MCP2004A-E/SNVAO**

Micrel / Microchip Technology

**MCP2021-50E/SN**

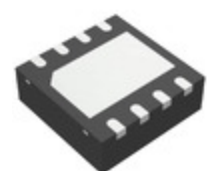
Micrel / Microchip Technology

**MCP2021AT-500E/SNVAO**

Micrel / Microchip Technology

**MCP2021500-E/SN**

Micrel / Microchip Technology

**MCP2004-E/SN**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8SOIC**MCP2021-500E/MD**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8DFN**MCP2021AT-500E/SN**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8SOIC**MCP2021330-E/SN**

Micrel / Microchip Technology

**MCP201-I/SN**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8SOIC**MCP2021A-500E/SN**Microchip Technology  
IC TRANSCEIVER HALF 1/1 8SOIC

## 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  
ManagementCost-Saving  
ProcurementFast Sourcing &  
Delivery

Contact us if you have any questions.

Phone  
+00852 9146 4856Email  
info@allelco.com

## Certifications & Memberships



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