

Image may be representation.  
See specifications for product details.



## MCP602T-I/SN

Manufacturer Part Number	<b>MCP602T-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP602T-I/SN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CMOS 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MCP601-04.pdf</b>
RoHs Status	ROHS3 Compliant

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MCP602T-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology MCP602T-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for MCP602T-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP602T-I/SN Tech Specifications

MCP602T-I/SN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Supply Span (Min)	2.7 V	Number of Circuits	2
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	700 µV	Gain Bandwidth Product	2.8 MHz
Supplier Device Package	8-SOIC	Current - Supply	230µA (x2 Channels)
Slew Rate	2.3V/µs	Current - Output / Channel	22 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP602
Package	Tape & Reel (TR)	Amplifier Type	CMOS
Output Type	Rail-to-Rail		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP602T-I/SN

Product Attribute				
Part Number	MCP602T-I/SN	MCP6024T-I/SL	MCP603-I/SN	MCP6031T-E/MS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Gain Bandwidth Product	2.8 MHz	10 MHz	2.8 MHz	10 kHz
Supplier Device Package	8-SOIC	14-SOIC	8-SOIC	8-MSOP
Series	-	-	-	-
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Number of Circuits	2	4	1	1
Base Product Number	MCP602	MCP6024	MCP603	MCP6031
Amplifier Type	CMOS	General Purpose	General Purpose	General Purpose
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C	-40°C ~ 125°C
Voltage - Input Offset	700 µV	500 µV	700 µV	150 µV
Voltage - Supply Span (Max)	6 V	5.5 V	6 V	5.5 V
Slew Rate	2.3V/µs	7V/µs	2.3V/µs	0.004V/µs
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Current - Supply	230µA (x2 Channels)	1mA (x4 Channels)	230µA	900nA
Voltage - Supply Span (Min)	2.7 V	2.5 V	2.7 V	1.8 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Current - Output / Channel	22 mA	30 mA	22 mA	-

### MCP602T-I/SN Datasheet PDF

Download MCP602T-I/SN pdf datasheets and Microchip Technology documentation for MCP602T-I/SN - Microchip Technology.

#### Datasheets

[MCP601-04.pdf](#)

#### PCN Packaging

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

[Reel Design Update 07/May/2015.pdf](#)


#### Environmental Information

[Microchip CA Prop65.pdf](#)


[Microchip REACH.pdf](#)

[Microchip RoHS.pdf](#)

## PCN Assembly/Origin

 Manufacturing Change 07/Apr/2022.pdf

## Other Related Documents

 Development Tools Catalog.pdf

## PCN Design/Specification

 MCP60x Datasheet 04/May/2023.pdf

## Customers Also Interested in

### Recommended Products



#### MCP6024T-I/SL

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14SOIC



#### MCP603-I/SN

Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8SOIC



#### MCP6031T-E/MS

Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8MSOP



#### MCP602T-E/ST

Microchip Technology  
IC CMOS 2 CIRCUIT 8TSSOP



#### MCP6024-I/ST

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14TSSOP



#### MCP6024-E/ST

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14TSSOP



#### MCP6024T-E/SL

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14SOIC



#### MCP602T-E/SN

Microchip Technology  
IC CMOS 2 CIRCUIT 8SOIC



#### MCP602I/SN

Micrel / Microchip Technology



#### MCP6024T-I/ST

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14TSSOP



#### MCP603-I/P

Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8DIP



#### MCP6031-E/SN

Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8SOIC



#### MCP6032-E/MS

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8MSOP



#### MCP602T-I/ST

Microchip Technology  
IC CMOS 2 CIRCUIT 8TSSOP



#### MCP6024-I/SL

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14SOIC



#### MCP6031-E/MS

Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8MSOP



#### MCP6031T-E/OT

Microchip Technology  
IC OPAMP GP 1 CIRCUIT SOT23-5



#### MCP6024T-E/ST

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 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.



### Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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### Certifications & Memberships



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