

Image may be representation.
See specifications for product details.



MCP6002-E/SN

Manufacturer Part Number	MCP6002-E/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6002-E/SN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OPAMP GP 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	MCP6001/1R/1U/2/4.pdf
RoHs Status	ROHS3 Compliant

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MCP6002-E/SN - Microchip Technology. New Original in Stock. Download Linear Technology MCP6002-E/SN datasheet/specifications on AllelcoElec.com.
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Specifications

MCP6002-E/SN Tech Specifications

MCP6002-E/SN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Supply Span (Min)	1.8 V	Number of Circuits	2
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	4.5 mV	Gain Bandwidth Product	1 MHz
Supplier Device Package	8-SOIC	Current - Supply	100µA (x2 Channels)
Slew Rate	0.6V/µs	Current - Output / Channel	23 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP6002
Package	Tube	Amplifier Type	General Purpose
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6002-E/SN

Product Attribute				
Part Number	MCP6002-E/SN	MCP6001UT-E/OT	MCP6001UT-I/OT	MCP6002T-E/MC
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Base Product Number	MCP6002	MCP6001	MCP6001	MCP6002
Current - Supply	100µA (x2 Channels)	100µA	100µA	100µA (x2 Channels)
Voltage - Input Offset	4.5 mV	4.5 mV	4.5 mV	4.5 mV
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Slew Rate	0.6V/µs	0.6V/µs	0.6V/µs	0.6V/µs
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Circuits	2	1	1	2
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C (TA)
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Voltage - Supply Span (Min)	1.8 V	1.8 V	1.8 V	1.8 V
Gain Bandwidth Product	1 MHz	1 MHz	1 MHz	1 MHz
Package / Case	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	SC-74A, SOT-753	8-VDFN Exposed Pad
Current - Output / Channel	23 mA	23 mA	23 mA	23 mA
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Supplier Device Package	8-SOIC	SOT-23-5	SOT-23-5	8-DFN (2x3)

MCP6002-E/SN Datasheet PDF

Download MCP6002-E/SN pdf datasheets and Microchip Technology documentation for MCP6002-E/SN - Microchip Technology.

Datasheets

[MCP6001/1R/1U/2/4.pdf](#)

PCN Packaging

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

[Packing Changes 10/Oct/2016.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



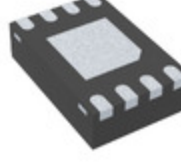










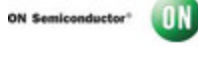




PCN Design/Specification

 MCP6001/R/U/2/4 06/Mar/2020.pdf

 MCP6001/R/U/2/4 28/Nov/2019.pdf

Customers Also Interested in

Recommended Products

					
MCP6001UT-E/OT Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	MCP6001UT-I/OT Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	MCP6002T-E/MC Microchip Technology IC OPAMP GP 2 CIRCUIT 8DFN	MCP6001T-E/OT Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	MCP6002-I/P Microchip Technology IC OPAMP GP 2 CIRCUIT 8DIP	MCP6001T-E/OTVAO Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5
					
MCP6002-I/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	MCP6002-I/MS Microchip Technology IC OPAMP GP 2 CIRCUIT 8MSOP	MCP6002-E/MS Microchip Technology IC OPAMP GP 2 CIRCUIT 8MSOP	MCP6001T-I/OT Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	MCP6001T-E/LTVAO Microchip Technology IC OPAMP GP 1 CIRCUIT SC70-5	MCP6001UT Micrel / Microchip Technology
					
MCP6002F-I Micrel / Microchip Technology	MCP6001UT-I AMI Semiconductor/onsemi	MCP6002T-E/MS Microchip Technology IC OPAMP GP 2 CIRCUIT 8MSOP	MCP6002T-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	MCP6001T-I/LT Microchip Technology IC OPAMP GP 1 CIRCUIT SC70-5	MCP6002T-E/MSVAO Microchip Technology IC OPAMP GP 2 CIRCUIT 8MSOP

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

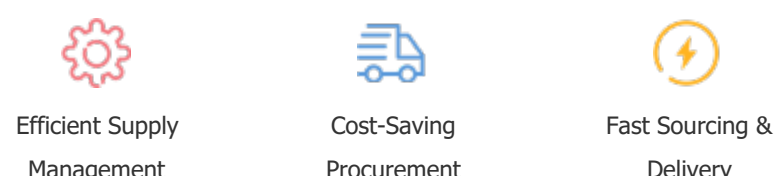
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

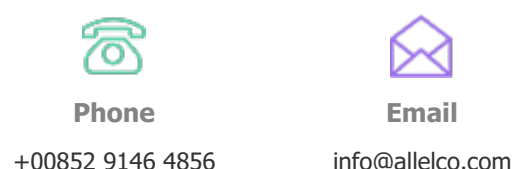
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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