

Image may be representation.
See specifications for product details.



MCP6402-E/SN

Manufacturer Part Number	MCP6402-E/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6402-E/SN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Analog and Interface Product Guide.pdf MCP6401-09.pdf
RoHs Status	ROHS3 Compliant

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MCP6402-E/SN - Microchip Technology. New Original in Stock. Download Linear Technology MCP6402-E/SN datasheet/specifications on AllelcoElec.com.
Request a quote for MCP6402-E/SN, please send us email: info@allelco.com

Specifications

MCP6402-E/SN Tech Specifications

MCP6402-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	800 µV	Gain Bandwidth Product	1 MHz
Supplier Device Package	8-SOIC	Current - Supply	45µA (x2 Channels)
Slew Rate	0.5V/µs	Current - Output / Channel	15 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP6402
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 MCP6402-E/SN

Product Attribute				
Part Number	MCP6402-E/SN	MCP633-E/SN	MCP6402-H/SN	MCP6402T-E/MNY
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tube	Tube	Tube	Tape & Reel (TR)
Current - Supply	45µA (x2 Channels)	2.5mA	45µA (x2 Channels)	45µA (x2 Channels)
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 150°C (TA)	-40°C ~ 125°C (TA)
Slew Rate	0.5V/µs	10V/µs	0.5V/µs	0.5V/µs
Gain Bandwidth Product	1 MHz	24 MHz	1 MHz	1 MHz
Current - Output / Channel	15 mA	-	15 mA	15 mA
Series	-	-	-	-
Voltage - Supply Span (Max)	6 V	5.5 V	6 V	6 V
Number of Circuits	2	1	2	2
Current - Input Bias	1 pA	4 pA	1 pA	1 pA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply Span (Min)	1.8 V	2.5 V	1.8 V	1.8 V
Voltage - Input Offset	800 µV	1.8 mV	800 µV	800 µV
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-TDFN (2x3)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-WDFN Exposed Pad
Base Product Number	MCP6402	MCP633	MCP6402	MCP6402

MCP6402-E/SN Datasheet PDF

Download MCP6402-E/SN pdf datasheets and Microchip Technology documentation for MCP6402-E/SN - Microchip Technology.

Datasheets

[Analog and Interface Product Guide.pdf](#)

[MCP6401-09.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

PCN Design/Specification

 MCP640xx 29/Mar/2023.pdf

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Recommended Products



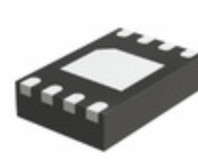
MCP633-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



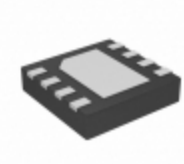
MCP6402-H/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6402T-E/MNY

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8TDFN



MCP632T-E/MF

Microchip Technology
IC CMOS 2 CIRCUIT 8DFN



MCP631T-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP632T-E/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



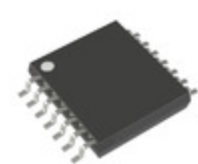
MCP6402T-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6404T-E/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6404-E/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6407-H/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6401T-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6401RT-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP632-E/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



MCP6402T-H/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6401T-E/LT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SC70-5



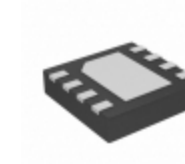
MCP6409-H/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6401UT-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP632-E/MF

Microchip Technology
IC CMOS 2 CIRCUIT 8DFN

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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Email

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Certifications & Memberships



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