

Image may be representation.
See specifications for product details.



MCP6001UT-E/OT

Manufacturer Part Number	MCP6001UT-E/OT
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6001UT-E/OT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OPAMP GP 1 CIRCUIT SOT23-5
Package	SC-74A, SOT-753
Data sheet	MCP6001/1R/1U/2/4.pdf
RoHs Status	ROHS3 Compliant

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MCP6001UT-E/OT - Microchip Technology. New Original in Stock. Download Linear Technology MCP6001UT-E/OT datasheet/specifications on AllelcoElec.com. Request a quote for MCP6001UT-E/OT, please send us email: info@allelco.com

Specifications

MCP6001UT-E/OT Tech Specifications
MCP6001UT-E/OT - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Min)	1.8 V	Number of Circuits	1
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	4.5 mV	Gain Bandwidth Product	1 MHz
Supplier Device Package	SOT-23-5	Current - Supply	100µA
Slew Rate	0.6V/µs	Current - Output / Channel	23 mA
Series	-	Current - Input Bias	1 pA
Package / Case	SC-74A, SOT-753	Base Product Number	MCP6001
Package	Tape & Reel (TR)	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 MCP6001UT-E/OT

Product Attribute				
Part Number	MCP6001UT-E/OT	MCP6002T-E/MC	MCP6001T-E/OT	MCP6002-I/MS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Input Offset	4.5 mV	4.5 mV	4.5 mV	4.5 mV
Voltage - Supply Span (Min)	1.8 V	1.8 V	1.8 V	1.8 V
Base Product Number	MCP6001	MCP6002	MCP6001	MCP6002
Supplier Device Package	SOT-23-5	8-DFN (2x3)	SOT-23-5	8-MSOP
Slew Rate	0.6V/µs	0.6V/µs	0.6V/µs	0.6V/µs
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Package / Case	SC-74A, SOT-753	8-VDFN Exposed Pad	SC-74A, SOT-753	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 85°C (TA)
Number of Circuits	1	2	1	2
Current - Supply	100µA	100µA (x2 Channels)	100µA	100µA (x2 Channels)
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Output / Channel	23 mA	23 mA	23 mA	23 mA
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Gain Bandwidth Product	1 MHz	1 MHz	1 MHz	1 MHz
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose

MCP6001UT-E/OT Datasheet PDF

Download MCP6001UT-E/OT pdf datasheets and Microchip Technology documentation for MCP6001UT-E/OT - 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

 Multi Dev 28/Sep/2022.pdf

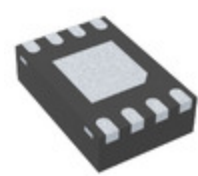
PCN Design/Specification

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

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

Customers Also Interested in

Recommended Products



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/MS

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6001T-E/L

Micro Connectors, Inc.



MCP6001T-E/LTVAO

Microchip Technology
IC OPAMP GP 1 CIRCUIT SC70-5



MCP6002-I/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6001UT

Micrel / Microchip Technology



MCP6002-E/MS

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6001T-I/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6001UT-I

AMI Semiconductor/onsemi



MCP6001T-E/LT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SC70-5



MCP6002-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6001T-E/OTVAO

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6001RT-I/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6002-I/P

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8DIP



MCP6001RT-I

Micrel / Microchip Technology



MCP6001UT-I/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6001T-I/LT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SC70-5

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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