



Image may be representation.
See specifications for product details.



MCP6401UT-E/OT

Manufacturer Part Number **MCP6401UT-E/OT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-MCP6401UT-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 **[Analog and Interface Product Guide.pdf](#)**

[MCP6401-09.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

MCP6401UT-E/OT - Microchip Technology. New Original in Stock. Download Linear Technology MCP6401UT-E/OT datasheet/specifications on AllelcoElec.com.
Request a quote for MCP6401UT-E/OT, please send us email: info@allelco.com

Specifications

MCP6401UT-E/OT Tech Specifications

MCP6401UT-E/OT - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Type	Rail-to-Rail
Voltage - Supply Span (Min)	1.8 V	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Max)	6 V	Number of Circuits	1
Voltage - Input Offset	4.5 mV	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-5	Gain Bandwidth Product	1 MHz
Slew Rate	0.5V/μs	Current - Supply	45μA
Series	-	Current - Input Bias	1 pA
Package / Case	SC-74A, SOT-753	Base Product Number	MCP6401
Package	Tape & Reel (TR)	Amplifier Type	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6401UT-E/OT

Product Attribute				
Part Number	MCP6401UT-E/OT	MCP6404-E/ST	MCP633-E/SN	MCP632T-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of Circuits	1	4	1	2
Voltage - Supply Span (Max)	6 V	6 V	5.5 V	5.5 V
Voltage - Input Offset	4.5 mV	800 μV	1.8 mV	1.8 mV
Current - Input Bias	1 pA	1 pA	4 pA	4 pA
Slew Rate	0.5V/μs	0.5V/μs	10V/μs	10V/μs
Amplifier Type	General Purpose	General Purpose	General Purpose	CMOS
Supplier Device Package	SOT-23-5	14-TSSOP	8-SOIC	8-SOIC
Voltage - Supply Span (Min)	1.8 V	1.8 V	2.5 V	2.5 V
Package / Case	SC-74A, SOT-753	14-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Current - Supply	45μA	45μA (x4 Channels)	2.5mA	2.5mA (x2 Channels)
Series	-	-	-	-
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Gain Bandwidth Product	1 MHz	1 MHz	24 MHz	24 MHz
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Base Product Number	MCP6401	MCP6404	MCP633	MCP632
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 125°C (TA)

MCP6401UT-E/OT Datasheet PDF

Download MCP6401UT-E/OT pdf datasheets and Microchip Technology documentation for MCP6401UT-E/OT - 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](#)













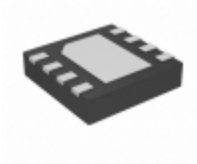

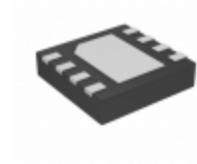


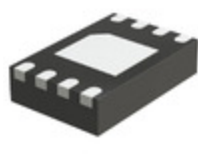
PCN Assembly/Origin

PCN Design/Specification

MCP640xx 29/Mar/2023.pdf

Customers Also Interested in

Recommended Products

 MCP6404-E/ST Microchip Technology IC OPAMP GP 4 CIRCUIT 14TSSOP	 MCP633-E/SN Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC	 MCP632T-E/SN Microchip Technology IC CMOS 2 CIRCUIT 8SOIC	 MCP632-E/SN Microchip Technology IC CMOS 2 CIRCUIT 8SOIC	 MCP6404T-E/SL Microchip Technology IC OPAMP GP 4 CIRCUIT 14SOIC	 MCP6407-H/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC
 MCP6402-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	 MCP631T-E/OT Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	 MCP6402-H/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	 MCP6401T-E/LT Microchip Technology IC OPAMP GP 1 CIRCUIT SC70-5	 MCP6295T-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	 MCP6401RT-E/OT Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5
 MCP632-E/MF Microchip Technology IC CMOS 2 CIRCUIT 8DFN	 MCP6402T-H/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	 MCP632T-E/MF Microchip Technology IC CMOS 2 CIRCUIT 8DFN	 MCP6402T-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	 MCP6401T-E/OT Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	 MCP6402T-E/MNY Microchip Technology IC OPAMP GP 2 CIRCUIT 8TDFN

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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



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