

Image may be representation.
See specifications for product details.



MCP601-I/P

Manufacturer Part Number	MCP601-I/P
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP601-I/P
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 1 CIRCUIT 8DIP
Package	8-DIP (0.300", 7.62mm)
Data sheet	MCP601-04.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP601-I/P - Microchip Technology. New Original in Stock. Download Linear Technology MCP601-I/P datasheet/specifications on AllelcoElec.com. Request a quote for MCP601-I/P, please send us email: info@allelco.com

Specifications

MCP601-I/P Tech Specifications
MCP601-I/P - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C
Voltage - Supply Span (Min)	2.7 V	Number of Circuits	1
Voltage - Supply Span (Max)	6 V	Mounting Type	Through Hole
Voltage - Input Offset	700 µV	Gain Bandwidth Product	2.8 MHz
Supplier Device Package	8-PDIP	Current - Supply	230µA
Slew Rate	2.3V/µs	Current - Output / Channel	22 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-DIP (0.300", 7.62mm)	Base Product Number	MCP601
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 MCP601-I/P

Product Attribute				
Part Number	MCP601-I/P	MCP601-I/SN	MCP6007T-E/SN	MCP601RT-I/OT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Gain Bandwidth Product	2.8 MHz	2.8 MHz	1 MHz	2.8 MHz
Voltage - Supply Span (Min)	2.7 V	2.7 V	1.8 V	2.7 V
Voltage - Supply Span (Max)	6 V	6 V	5.5 V	6 V
Series	-	-	-	-
Current - Input Bias	1 pA	1 pA	-	1 pA
Voltage - Input Offset	700 µV	700 µV	1.6 mV	700 µV
Package / Case	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753
Current - Output / Channel	22 mA	22 mA	-	22 mA
Base Product Number	MCP601	MCP601	MCP6007	MCP601
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 85°C
Slew Rate	2.3V/µs	2.3V/µs	1.9V/µs	2.3V/µs
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Current - Supply	230µA	230µA	50µA	230µA
Number of Circuits	1	1	2	1
Supplier Device Package	8-PDIP	8-SOIC	8-SOIC	SOT-23-5
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount

MCP601-I/P Datasheet PDF

Download MCP601-I/P pdf datasheets and Microchip Technology documentation for MCP601-I/P - Microchip Technology.

Datasheets

MCP601-04.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

 Mult Dev 13/Apr/2020.pdf

Other Related Documents

 Development Tools Catalog.pdf

PCN Design/Specification

 MCP60x Datasheet 04/May/2023.pdf

Customers Also Interested in

Recommended Products



MCP601-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6007T-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP601RT-I/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP601T-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6007-E/MS

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6006T-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6007T-E/MS

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6009-E/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP602-E/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



MCP6007-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP601-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP601T-I/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP601-I/OT

Micrel / Microchip Technology



MCP6009T-E/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP601-I/ST

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8TSSOP



MCP601T-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP601T-I/O

Micrel / Microchip Technology



MCP601T-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5

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.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



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