

Image may be representation.
See specifications for product details.



MCP6072T-E/MNY

Manufacturer Part Number **MCP6072T-E/MNY**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-MCP6072T-E/MNY**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC OPAMP GP 2 CIRCUIT 8TDFN**

Package **8-WFDFN Exposed Pad**

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

RoHs Status **ROHS3 Compliant**

Get a Quote

MCP6072T-E/MNY - Microchip Technology. New Original in Stock. Download Linear Technology MCP6072T-E/MNY datasheet/specifications on AllelcoElec.com.
Request a quote for MCP6072T-E/MNY, please send us email: info@allelco.com

Specifications

MCP6072T-E/MNY Tech Specifications

MCP6072T-E/MNY - 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	150 µV	Gain Bandwidth Product	1.2 MHz
Supplier Device Package	8-TDFN (2x3)	Current - Supply	110µA (x2 Channels)
Slew Rate	0.5V/µs	Current - Output / Channel	28 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-WFDFN Exposed Pad	Base Product Number	MCP6072
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 MCP6072T-E/MNY

Product Attribute				
Part Number	MCP6072T-E/MNY	MCP6071T-E/SN	MCP607-I/ST	MCP6071-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Package / Case	8-WFDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)
Current - Output / Channel	28 mA	-	17 mA	-
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Circuits	2	1	2	1
Gain Bandwidth Product	1.2 MHz	1.2 MHz	155 kHz	1.2 MHz
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 85°C (TA)	-40°C ~ 125°C
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Voltage - Input Offset	150 µV	150 µV	250 µV	150 µV
Amplifier Type	General Purpose	General Purpose	CMOS	General Purpose
Current - Supply	110µA (x2 Channels)	110µA	18.7µA (x2 Channels)	110µA
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Supplier Device Package	8-TDFN (2x3)	8-SOIC	8-TSSOP	8-SOIC
Voltage - Supply Span (Min)	1.8 V	1.8 V	2.5 V	1.8 V
Slew Rate	0.5V/µs	0.5V/µs	0.08V/µs	0.5V/µs
Base Product Number	MCP6072	MCP6071	MCP607	MCP6071

MCP6072T-E/MNY Datasheet PDF

Download MCP6072T-E/MNY pdf datasheets and Microchip Technology documentation for MCP6072T-E/MNY - Microchip Technology.

Datasheets

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

PCN Packaging

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


[Packing Changes 10/Oct/2016.pdf](#)

PCN Design/Specification

[Mold Compound Update 18/Feb/2015.pdf](#)

[MCP6071/MCP6072/MCP6074 07/Nov/2021.pdf](#)


Environmental Information

 Microchip CA Prop65.pdf


 Microchip REACH.pdf

 Microchip RoHS.pdf

Other Related Documents

 Development Tools Catalog.pdf

PCN Assembly/Origin

 Additional assembly site 26/Aug/2021.pdf

Customers Also Interested in

Recommended Products



MCP6071T-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP607-I/ST

Microchip Technology
IC CMOS 2 CIRCUIT 8TSSOP



MCP6071-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP607T-I/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



MCP607-I/P

Microchip Technology
IC CMOS 2 CIRCUIT 8DIP



MCP609-I/SL

Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC



MCP6074T-E/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6072T-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6074-E/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP606T-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP607-I/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



MCP6074T-E/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6072-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



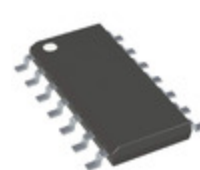
MCP6071T-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP608T-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6074-E/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP607I/P

Micrel / Microchip Technology



MCP606T-I/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

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Email

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Certifications & Memberships



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