

Image may be representation.
See specifications for product details.



MCP6042-I/P

Manufacturer Part Number	MCP6042-I/P
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6042-I/P
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 2 CIRCUIT 8DIP
Package	8-DIP (0.300", 7.62mm)
Data sheet	Analog and Interface Product Guide.pdf MCP604x Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP6042-I/P - Microchip Technology. New Original in Stock. Download Linear Technology MCP6042-I/P datasheet/specifications on AllelcoElec.com.
Request a quote for MCP6042-I/P, please send us email: info@allelco.com

Specifications

MCP6042-I/P Tech Specifications

MCP6042-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 (TA)
Voltage - Supply Span (Min)	1.4 V	Number of Circuits	2
Voltage - Supply Span (Max)	6 V	Mounting Type	Through Hole
Voltage - Input Offset	3 mV	Gain Bandwidth Product	14 kHz
Supplier Device Package	8-PDIP	Current - Supply	600nA (x2 Channels)
Slew Rate	0.003V/μs	Current - Output / Channel	20 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-DIP (0.300", 7.62mm)	Base Product Number	MCP6042
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 MCP6042-I/P

Product Attribute				
Part Number	MCP6042-I/P	MCP6041-I/MS	MCP6041T-I/OT	MCP6043T-E/CH
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Series	-	-	-	-
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Slew Rate	0.003V/μs	0.003V/μs	0.003V/μs	0.003V/μs
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Gain Bandwidth Product	14 kHz	14 kHz	14 kHz	14 kHz
Current - Output / Channel	20 mA	20 mA	20 mA	-
Voltage - Input Offset	3 mV	3 mV	3 mV	3 mV
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Base Product Number	MCP6042	MCP6041	MCP6041	MCP6043
Supplier Device Package	8-PDIP	8-MSOP	SOT-23-5	SOT-23-6
Number of Circuits	2	1	1	1
Voltage - Supply Span (Min)	1.4 V	1.4 V	1.4 V	1.4 V
Package / Case	8-DIP (0.300", 7.62mm)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SC-74A, SOT-753	SOT-23-6
Current - Supply	600nA (x2 Channels)	600nA	600nA	600nA
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount

MCP6042-I/P Datasheet PDF

Download MCP6042-I/P pdf datasheets and Microchip Technology documentation for MCP6042-I/P - Microchip Technology.

Datasheets

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

[MCP604x Datasheet.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](#)


Other Related Documents

 Development Tools Catalog.pdf

PCN Assembly/Origin

 Qualification Revision 18/Dec/2013.pdf

PCN Design/Specification

 MCP6041/2/3/4 22/Nov/2019.pdf

Customers Also Interested in

Recommended Products



MCP6041-I/MS

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8MSOP



MCP6041T-I/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6043T-E/CH

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-6



MCP6041T-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6042T-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6042T-I/MS

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6043-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6041-I/P

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8DIP



MCP6044-I/P

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14DIP



MCP6041T-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6042-I/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6042T-I/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP604-I/ST

Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



MCP6042-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6041-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6042-I/MS

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6042T-E/MS

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6044-E/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC

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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Certifications & Memberships



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