

Image may be representation.
See specifications for product details.



MCP6044-I/SL

Manufacturer Part Number	MCP6044-I/SL
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6044-I/SL
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OPAMP GP 4 CIRCUIT 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	Analog and Interface Product Guide.pdf MCP604x Datasheet.pdf
RoHs Status	ROHS3 Compliant

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MCP6044-I/SL - Microchip Technology. New Original in Stock. Download Linear Technology MCP6044-I/SL datasheet/specifications on AllelcoElec.com.
Request a quote for MCP6044-I/SL, please send us email: info@allelco.com

Specifications

MCP6044-I/SL Tech Specifications

MCP6044-I/SL - 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	4
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	3 mV	Gain Bandwidth Product	14 kHz
Supplier Device Package	14-SOIC	Current - Supply	600nA (x4 Channels)
Slew Rate	0.003V/μs	Current - Output / Channel	20 mA
Series	-	Current - Input Bias	1 pA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP6044
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 MCP6044-I/SL

Product Attribute				
Part Number	MCP6044-I/SL	MCP6042T-E/SN	MCP6044T-I/SL	MCP6044-I/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of Circuits	4	2	4	4
Voltage - Input Offset	3 mV	3 mV	3 mV	3 mV
Package / Case	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	14-DIP (0.300", 7.62mm)
Current - Output / Channel	20 mA	20 mA	20 mA	20 mA
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Supplier Device Package	14-SOIC	8-SOIC	14-SOIC	14-PDIP
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Gain Bandwidth Product	14 kHz	14 kHz	14 kHz	14 kHz
Current - Supply	600nA (x4 Channels)	600nA (x2 Channels)	600nA (x4 Channels)	600nA (x4 Channels)
Voltage - Supply Span (Min)	1.4 V	1.4 V	1.4 V	1.4 V
Base Product Number	MCP6044	MCP6042	MCP6044	MCP6044
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Slew Rate	0.003V/μs	0.003V/μs	0.003V/μs	0.003V/μs

MCP6044-I/SL Datasheet PDF

Download MCP6044-I/SL pdf datasheets and Microchip Technology documentation for MCP6044-I/SL - 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 Design/Specification

 Copper Bond Wire 5/Nov/2015.pdf

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

PCN Assembly/Origin

 Qualification Copper Bond Wire 31/Oct/2014.pdf

Customers Also Interested in

Recommended Products



MCP6042T-E/SN
Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6044T-I/SL
Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6044-I/P
Microchip Technology
IC OPAMP GP 4 CIRCUIT 14DIP



MCP6042-I/SN
Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP604T-E/ST
Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



MCP604T-E/SL
Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC



MCP604T-I/ST
Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



MCP6043-I/SN
Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6044I/SL
Micrel / Microchip Technology



MCP6042M/TR
HG/HX



MCP604T-I/SL
Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC



MCP6042T-I/SN
Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6042T-E/MS
Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6042T-I/MS
Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



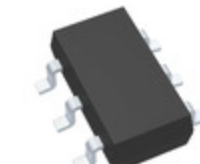
MCP6044-E/SL
Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6044T-I/ST
Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6044-I/ST
Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6043T-E/CH
Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-6

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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