

Image may be representation.
See specifications for product details.



MCP6004T-I/SL

Manufacturer Part Number	MCP6004T-I/SL
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6004T-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	MCP6001/1R/1U/2/4.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP6004T-I/SL - Microchip Technology. New Original in Stock. Download Linear Technology MCP6004T-I/SL datasheet/specifications on AllelcoElec.com. Request a quote for MCP6004T-I/SL, please send us email: info@allelco.com

Specifications

MCP6004T-I/SL Tech Specifications

MCP6004T-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)	1.8 V	Number of Circuits	4
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	4.5 mV	Gain Bandwidth Product	1 MHz
Supplier Device Package	14-SOIC	Current - Supply	100µA (x4 Channels)
Slew Rate	0.6V/µs	Current - Output / Channel	23 mA
Series	-	Current - Input Bias	1 pA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP6004
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 MCP6004T-I/SL

Product Attribute				
Part Number	MCP6004T-I/SL	MCP6007-E/MS	MCP6004T-I/ST	MCP6007T-E/MS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply Span (Max)	6 V	5.5 V	6 V	5.5 V
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Gain Bandwidth Product	1 MHz	1 MHz	1 MHz	1 MHz
Current - Supply	100µA (x4 Channels)	50µA	100µA (x4 Channels)	50µA
Voltage - Supply Span (Min)	1.8 V	1.8 V	1.8 V	1.8 V
Current - Input Bias	1 pA	-	1 pA	-
Slew Rate	0.6V/µs	1.9V/µs	0.6V/µs	1.9V/µs
Number of Circuits	4	2	4	2
Base Product Number	MCP6004	MCP6007	MCP6004	MCP6007
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Series	-	-	-	-
Voltage - Input Offset	4.5 mV	1.6 mV	4.5 mV	1.6 mV
Package / Case	14-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	14-TSSOP (0.173", 4.40mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	14-SOIC	8-MSOP	14-TSSOP	8-MSOP
Current - Output / Channel	23 mA	-	23 mA	-
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C	-40°C ~ 85°C (TA)	-40°C ~ 125°C

MCP6004T-I/SL Datasheet PDF

Download MCP6004T-I/SL pdf datasheets and Microchip Technology documentation for MCP6004T-I/SL - Microchip Technology.

Datasheets

MCP6001/1R/1U/2/4.pdf

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Reel Design Update 07/May/2015.pdf


Environmental Information

Microchip CA Prop65.pdf

Microchip REACH.pdf

Microchip RoHS.pdf


Other Related Documents


 Development Tools Catalog.pdf

PCN Assembly/Origin

 Qualification Copper Bond Wire 31/Oct/2014.pdf

PCN Design/Specification

 MCP6001/R/U/2/4 06/Mar/2020.pdf

 MCP6001/R/U/2/4 28/Nov/2019.pdf

Customers Also Interested in

Recommended Products



MCP6007-E/MS

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6004T-I/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6007T-E/MS

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6006T-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6004-I/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6004-I/SLT

Micrel / Microchip Technology



MCP6004-E/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6009-E/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6004T-E/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6004-I/P

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14DIP



MCP6004T-I/SLVAO

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6007T-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6004T-E/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6007-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6004-E/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6009T-E/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6004-I/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



NO PICTURE

MCP6004E/SL

MICROCH

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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