

Image may be representation.
See specifications for product details.



MCP604-E/ST

Manufacturer Part Number	MCP604-E/ST
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP604-E/ST
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CMOS 4 CIRCUIT 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	Analog and Interface Product Guide.pdf
	MCP601-04.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP604-E/ST - Microchip Technology. New Original in Stock. Download Linear Technology MCP604-E/ST datasheet/specifications on AllelcoElec.com.
Request a quote for MCP604-E/ST, please send us email: info@allelco.com

Specifications

MCP604-E/ST Tech Specifications

MCP604-E/ST - 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)	2.7 V	Number of Circuits	4
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	700 µV	Gain Bandwidth Product	2.8 MHz
Supplier Device Package	14-TSSOP	Current - Supply	230µA (x2 Channels)
Slew Rate	2.3V/µs	Current - Output / Channel	22 mA
Series	-	Current - Input Bias	1 pA
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	MCP604
Package	Tube	Amplifier Type	CMOS
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP604-E/ST

Product Attribute				
Part Number	MCP604-E/ST	MCP6034T-E/ST	MCP6041T-E/OT	MCP6041T-I/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-TSSOP (0.173", 4.40mm Width)	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Supplier Device Package	14-TSSOP	14-TSSOP	SOT-23-5	8-SOIC
Base Product Number	MCP604	MCP6034	MCP6041	MCP6041
Voltage - Supply Span (Max)	6 V	5.5 V	6 V	6 V
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Output / Channel	22 mA	23 mA	20 mA	20 mA
Current - Supply	230µA (x2 Channels)	900nA (x4 Channels)	600nA	600nA
Amplifier Type	CMOS	General Purpose	General Purpose	General Purpose
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 85°C
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Voltage - Input Offset	700 µV	150 µV	3 mV	3 mV
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Number of Circuits	4	4	1	1
Slew Rate	2.3V/µs	0.004V/µs	0.003V/µs	0.003V/µs
Gain Bandwidth Product	2.8 MHz	10 kHz	14 kHz	14 kHz
Voltage - Supply Span (Min)	2.7 V	1.8 V	1.4 V	1.4 V

MCP604-E/ST Datasheet PDF

Download MCP604-E/ST pdf datasheets and Microchip Technology documentation for MCP604-E/ST - Microchip Technology.

Datasheets

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

[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 Design/Specification


 Lead Frame 10/Jan/2017.pdf

 MCP60x Datasheet 04/May/2023.pdf

Other Related Documents

 Development Tools Catalog.pdf

PCN Assembly/Origin

 Leadframe Material 29/Sep/2017.pdf

Customers Also Interested in

Recommended Products



MCP6034T-E/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6041T-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



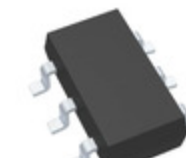
MCP6041T-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP604-I/SL

Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC



MCP603T-E/CH

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-6



MCP6033-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6041-I/MS

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8MSOP



MCP604-I/P

Microchip Technology
IC CMOS 4 CIRCUIT 14DIP



MCP6034T-E/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6041-I/P

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8DIP



MCP603T-I/ST

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8TSSOP



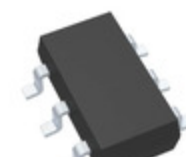
MCP604-I/ST

Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



MCP6034-E/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP603T-I/CH

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-6



MCP6041-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6034-E/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP604-E/SL

Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC



MCP6033T-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC

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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