

Image may be representation.  
See specifications for product details.



## MCP6024T-E/SL

Manufacturer Part Number	<b>MCP6024T-E/SL</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP6024T-E/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	<b>MCP6021/1R/2/3/4.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MCP6024T-E/SL - Microchip Technology. New Original in Stock. Download Linear Technology MCP6024T-E/SL datasheet/specifications on AllelcoElec.com. Request a quote for MCP6024T-E/SL, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP6024T-E/SL Tech Specifications

MCP6024T-E/SL - 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)	2.5 V	Number of Circuits	4
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	250 µV	Gain Bandwidth Product	10 MHz
Supplier Device Package	14-SOIC	Current - Supply	1mA (x4 Channels)
Slew Rate	7V/µs	Current - Output / Channel	30 mA
Series	-	Current - Input Bias	1 pA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP6024
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 MCP6024T-E/SL

Product Attribute				
Part Number	MCP6024T-E/SL	MCP603-1/SN	MCP6022T-E/ST	MCP602T-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Output / Channel	30 mA	22 mA	30 mA	22 mA
Current - Supply	1mA (x4 Channels)	230µA	1mA (x2 Channels)	230µA (x2 Channels)
Package / Case	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)
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	CMOS
Base Product Number	MCP6024	MCP603	MCP6022	MCP602
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Number of Circuits	4	1	2	2
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Gain Bandwidth Product	10 MHz	2.8 MHz	10 MHz	2.8 MHz
Supplier Device Package	14-SOIC	8-SOIC	8-TSSOP	8-SOIC
Voltage - Supply Span (Min)	2.5 V	2.7 V	2.5 V	2.7 V
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Voltage - Supply Span (Max)	5.5 V	6 V	5.5 V	6 V
Voltage - Input Offset	250 µV	700 µV	250 µV	700 µV
Slew Rate	7V/µs	2.3V/µs	7V/µs	2.3V/µs

### MCP6024T-E/SL Datasheet PDF

Download MCP6024T-E/SL pdf datasheets and Microchip Technology documentation for MCP6024T-E/SL - Microchip Technology.

#### Datasheets

MCP6021/1R/2/3/4.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 Design/Specification

 Copper Bond Wire 5/Nov/2015.pdf

 MCP6021/1R/2/3/4 12/Apr/2023.pdf

## PCN Assembly/Origin

 Mult Devices 25/Jan/2018.pdf

## Customers Also Interested in

### Recommended Products



#### MCP603-I/SN

Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8SOIC



#### MCP6022T-E/ST

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8TSSOP



#### MCP602T-E/SN

Microchip Technology  
IC CMOS 2 CIRCUIT 8SOIC



#### MCP602T-I/ST

Microchip Technology  
IC CMOS 2 CIRCUIT 8TSSOP



#### MCP602T-E/ST

Microchip Technology  
IC CMOS 2 CIRCUIT 8TSSOP



#### MCP6024-E/ST

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14TSSOP



#### MCP6022T-E/SN

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 14SOIC



#### MCP602T-I/SN

Microchip Technology  
IC CMOS 2 CIRCUIT 8SOIC



#### MCP6024-I/SL

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14SOIC



#### MCP6022T-I/SN

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8SOIC



#### MCP6023-I/SN

Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8SOIC



#### MCP6022-I/ST

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8TSSOP



#### MCP6024-E/SL

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14SOIC



#### MCP6022T-I/ST

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8TSSOP



#### MCP6024-I/ST

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14TSSOP



#### MCP603-I/P

Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8DIP



#### MCP6024T-E/ST

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14TSSOP



#### MCP6024T-I/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.



Phone

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Email

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### Certifications & Memberships



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