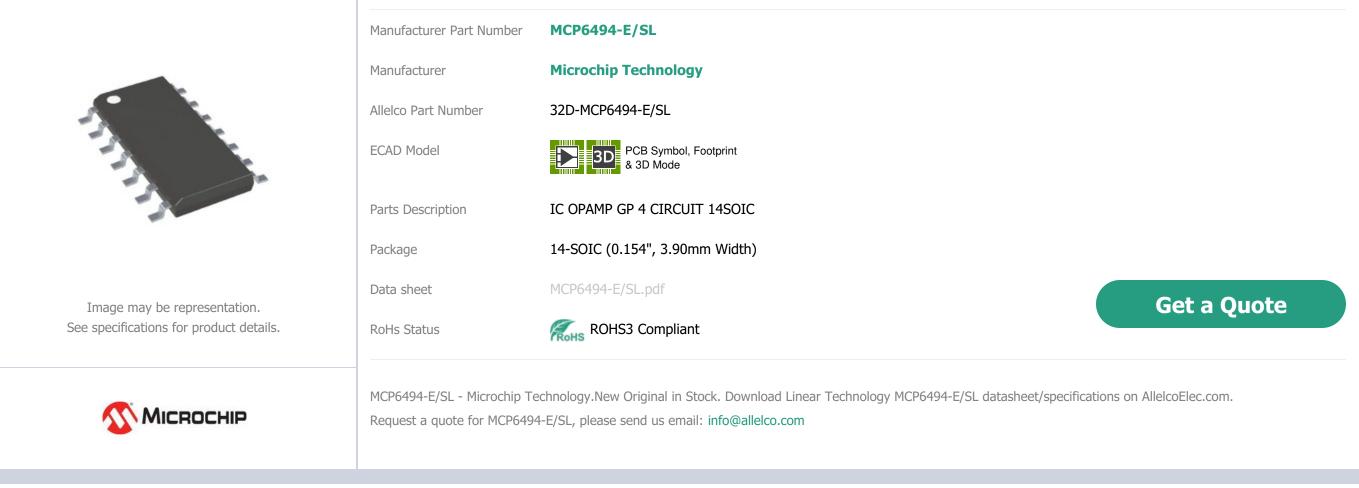


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# MCP6494-E/SL



## **Specifications**

### MCP6494-E/SL Tech Specifications

MCP6494-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)	2.4 V	Number of Circuits	4
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	1.5 mV	Gain Bandwidth Product	7.5 MHz
Supplier Device Package	14-SOIC	Current - Supply	530µA (x4 Channels)
Slew Rate	6V/µs	Current - Output / Channel	15 mA
Series	-	Current - Input Bias	1 pA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP6494
Package	Tube	Amplifier Type	General Purpose
Output Type	Rail-to-Rail		

## Parts with Similar Specifications

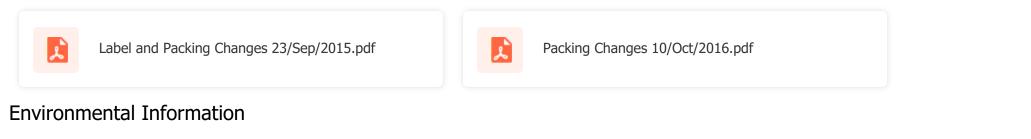
The three parts on the right have similar specifications to Microchip Technology MCP6494-E/SL

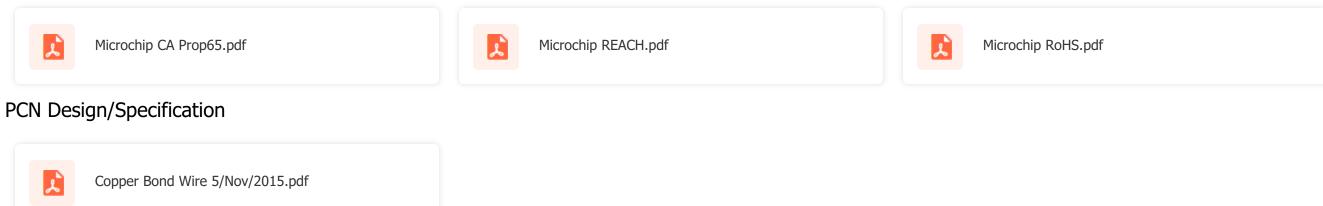
Product Attribute		Size	Jos -	
Part Number	MCP6494-E/SL	MCP6482-E/MS	MCP6492-E/MS	MCP652-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Gain Bandwidth Product	7.5 MHz	4 MHz	7.5 MHz	50 MHz
Number of Circuits	4	2	2	2
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Package / Case	14-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
Voltage - Input Offset	1.5 mV	1.5 mV	1.5 mV	200 µV
Supplier Device Package	14-SOIC	8-MSOP	8-MSOP	8-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MCP6494	MCP6482	MCP6492	MCP652
Package	Tube	Tube	Tube	Tube
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Voltage - Supply Span (Min)	2.4 V	2.2 V	2.4 V	2.5 V
Current - Supply	530μA (x4 Channels)	240µA (x2 Channels)	530µA (x2 Channels)	6mA (x2 Channels)
Series	-	-	-	-
Current - Input Bias	1 pA	1 pA	1 pA	6 pA
Slew Rate	6V/µs	2.7V/µs	6V/µs	30V/µs
Current - Output / Channel	15 mA	12 mA	15 mA	100 mA

## MCP6494-E/SL Datasheet PDF

Download MCP6494-E/SL pdf datasheets and Microchip Technology documentation for MCP6494-E/SL - Microchip Technology.

### PCN Packaging





### PCN Assembly/Origin

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Mult Devices 25/Jan/2018.pdf

## **Customers Also Interested in**

**Recommended Products** 





**MCP6482-E/MS** 

Microchip Technology IC OPAMP GP 2 CIRCUIT 8MSOP

Microchip Technology IC OPAMP GP 2 CIRCUIT 8MSOP

**MCP6492-E/MS** 



MCP652-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6492T-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC



MCP651T-E/SN Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC



**MCP6494-E/ST** 

Microchip Technology IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP6491T-E/OT

Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6492T-E/MS

Microchip Technology IC OPAMP GP 2 CIRCUIT 8MSOP



MCP6484-E/SL

Microchip Technology IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6492-E/SN

Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6482T-E/SN

Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6482-E/SN

Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC



MCP6494T-E/SL Microchip Technology IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6541-I/MS Microchip Technology IC COMPARATOR 1 GEN PUR 8MSOP



MCP6484-E/ST Microchip Technology IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP652T-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC



MCP654-E/SL Microchip Technology





MCP6541-I/P

Microchip Technology IC COMPARATOR 1 GEN PUR 8DIP

## **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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
noia	Japan	7		
Middle East	Israel	6		

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 -

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Efficient Supply Management

Cost-Saving Procurement Fast Sourcing & Delivery

## Certifications & Memberships



Contact us if you have any questions.

Security M

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

**DHL & FedEx Shipment Charges Reference** 





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