

Image may be representation.  
See specifications for product details.



## MCP6232-E/MS

Manufacturer Part Number	<b>MCP6232-E/MS</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP6232-E/MS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 2 CIRCUIT 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<a href="#">Analog and Interface Product Guide.pdf</a>
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

MCP6232-E/MS - Microchip Technology. New Original in Stock. Download Linear Technology MCP6232-E/MS datasheet/specifications on AllelcoElec.com. Request a quote for MCP6232-E/MS, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP6232-E/MS Tech Specifications  
MCP6232-E/MS - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Min)	1.8 V	Number of Circuits	2
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	5 mV	Gain Bandwidth Product	300 kHz
Supplier Device Package	8-MSOP	Current - Supply	20µA (x2 Channels)
Slew Rate	0.15V/µs	Current - Output / Channel	23 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	MCP6232
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 MCP6232-E/MS

Product Attribute				
Part Number	MCP6232-E/MS	MCP621-E/SN	MCP6231T-E/OT	MCP622-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Output / Channel	23 mA	70 mA	23 mA	70 mA
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Input Bias	1 pA	5 pA	1 pA	5 pA
Slew Rate	0.15V/µs	10V/µs	0.15V/µs	10V/µs
Base Product Number	MCP6232	MCP621	MCP6231	MCP622
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C (TA)
Voltage - Supply Span (Min)	1.8 V	2.5 V	1.8 V	2.5 V
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)
Package	Tube	Tube	Tape & Reel (TR)	Tube
Supplier Device Package	8-MSOP	8-SOIC	SOT-23-5	8-SOIC
Series	-	mCal Technology	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input Offset	5 mV	200 µV	5 mV	200 µV
Current - Supply	20µA (x2 Channels)	2.5mA	20µA	2.5mA (x2 Channels)
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Gain Bandwidth Product	300 kHz	20 MHz	300 kHz	20 MHz
Voltage - Supply Span (Max)	6 V	5.5 V	6 V	5.5 V
Number of Circuits	2	1	1	2

### MCP6232-E/MS Datasheet PDF

Download MCP6232-E/MS pdf datasheets and Microchip Technology documentation for MCP6232-E/MS - Microchip Technology.

#### Datasheets

[Analog and Interface Product Guide.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

 MCP6231/1R/1U/2/4 19/Mar/2020.pdf

 MCP6231/1R/1U/2/4 19/Nov/2019.pdf

## PCN Assembly/Origin

 Mult Devices 28/Nov/2017.pdf

## Customers Also Interested in

### Recommended Products



#### MCP621-E/SN

Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8SOIC



#### MCP6231T-E/OT

Microchip Technology  
IC OPAMP GP 1 CIRCUIT SOT23-5



#### MCP622-E/SN

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8SOIC



#### MCP6234-E/ST

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14TSSOP



#### MCP6231RT-E/OT

Microchip Technology  
IC OPAMP GP 1 CIRCUIT SOT23-5



#### MCP6234T-E/ST

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14TSSOP



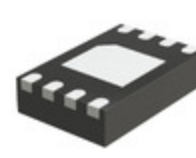
#### MCP6232T-E/MS

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8MSOP



#### MCP6234T-E/SL

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14SOIC



#### MCP6232T-E/MNY

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8TDFN



#### MCP619T-I/ST

Microchip Technology  
IC CMOS 4 CIRCUIT 14TSSOP



#### MCP621ST-E/OT

Microchip Technology  
IC OPAMP GP 1 CIRCUIT SOT23-5



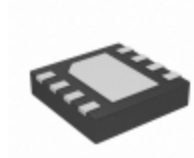
#### MCP622T-E/SN

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8SOIC



#### MCP6232-E/SN

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8SOIC



#### MCP622T-E/MF

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8DFN



#### MCP6234-E/SL

Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14SOIC



#### MCP6232T-E/SN

Microchip Technology  
IC OPAMP GP 2 CIRCUIT 8SOIC



#### MCP6241-E/P

Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8DIP



#### MCP624-E/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

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



View More

