



Image may be representation.  
See specifications for product details.



## MCP6546-I/SN

Manufacturer Part Number	<b>MCP6546-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP6546-I/SN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC COMPARATOR 1 GEN PUR 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Analog and Interface Product Guide.pdf</b> <b>MCP6546-49.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MCP6546-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology MCP6546-I/SN datasheet/specifications on AllelcoElec.com.  
Request a quote for MCP6546-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP6546-I/SN Tech Specifications

MCP6546-I/SN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Single/Dual (±)	1.6V ~ 5.5V	Number of Elements	1
Voltage - Input Offset (Max)	7mV @ 5.5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	6.5mV
Supplier Device Package	8-SOIC	Current - Quiescent (Max)	1µA
Series	-	Current - Output (Typ)	30mA
Propagation Delay (Max)	8µs	Current - Input Bias (Max)	1pA @ 5.5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	CMRR, PSRR (Typ)	70dB CMRR, 80dB PSRR
Package	Tube	Base Product Number	MCP6546
Output Type	CMOS, Open-Drain, Rail-to-Rail, TTL		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6546-I/SN

Product Attribute				
Part Number	MCP6546-I/SN	MCP6547-E/MS	MCP6546T-I/SN	MCP6546T-E/OT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Current - Output (Typ)	30mA	30mA	30mA	30mA
Type	General Purpose	General Purpose	General Purpose	General Purpose
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753
Operating Temperature	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C
CMRR, PSRR (Typ)	70dB CMRR, 80dB PSRR	70dB CMRR, 80dB PSRR	70dB CMRR, 80dB PSRR	70dB CMRR, 80dB PSRR
Propagation Delay (Max)	8µs	8µs	8µs	8µs
Output Type	CMOS, Open-Drain, Rail-to-Rail, TTL	CMOS, Open-Drain, Rail-to-Rail, TTL	CMOS, Open-Drain, Rail-to-Rail, TTL	CMOS, Open-Drain, Rail-to-Rail, TTL
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Input Bias (Max)	1pA @ 5.5V	1pA @ 5.5V	1pA @ 5.5V	1pA @ 5.5V
Hysteresis	6.5mV	6.5mV	6.5mV	6.5mV
Voltage - Supply, Single/Dual (±)	1.6V ~ 5.5V	1.6V ~ 5.5V	1.6V ~ 5.5V	1.6V ~ 5.5V
Supplier Device Package	8-SOIC	8-MSOP	8-SOIC	SOT-23-5
Current - Quiescent (Max)	1µA	1µA	1µA	1µA
Voltage - Input Offset (Max)	7mV @ 5.5V	7mV @ 5.5V	7mV @ 5.5V	7mV @ 5.5V
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Number of Elements	1	2	1	1
Base Product Number	MCP6546	MCP6547	MCP6546	MCP6546

### MCP6546-I/SN Datasheet PDF

Download MCP6546-I/SN pdf datasheets and Microchip Technology documentation for MCP6546-I/SN - Microchip Technology.

#### Datasheets

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

[MCP6546-49.pdf](#)

#### PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

#### PCN Assembly/Origin

[Manufacturing Change 07/Apr/2022.pdf](#)

## Other Related Documents



Development Tools Catalog.pdf

## PCN Design/Specification



MCP6546/6R/6U/7/8/9 11/Nov/2022.pdf

## Customers Also Interested in

### Recommended Products



#### MCP6547-E/MS

Microchip Technology  
IC COMPARATOR 2 GEN PUR 8MSOP



#### MCP6546T-I/SN

Microchip Technology  
IC COMPARATOR 1 GEN PUR 8SOIC



#### MCP6546T-E/OT

Microchip Technology  
IC COMPARATOR 1 GEN PUR SOT23-5



#### MCP6546RT-I/OT

Microchip Technology  
IC COMPARATOR 1 GEN PUR SOT23-5



#### MCP6544T-E/SL

Microchip Technology  
IC COMPARATOR 4 GEN PUR 14SOIC



#### MCP6544-I/P

Microchip Technology  
IC COMPARATOR 4 GEN PUR 14DIP



#### MCP6543-I/SN

Microchip Technology  
IC COMPARATOR 1 GEN PUR 8SOIC



#### MCP6546T-I/LT

Microchip Technology  
IC COMPARATOR 1 GEN PUR SC70-5



#### MCP6544T-I/SL

Microchip Technology  
IC COMPARATOR 4 GEN PUR 14SOIC



#### MCP6546UT-I/LT

Microchip Technology  
IC COMPARATOR 1 GEN PUR SC70-5



#### MCP6544T-I/ST

Microchip Technology  
IC COMPARATOR 4 GEN PUR 14TSSOP



#### MCP6544T-E/ST

Microchip Technology  
IC COMPARATOR 4 GEN PUR 14TSSOP



#### MCP6544-E/SL

Microchip Technology  
IC COMPARATOR 4 GEN PUR 14SOIC



#### MCP6547-E/SN

Microchip Technology  
IC COMPARATOR 2 GEN PUR 8SOIC



#### MCP6546UT-E/OT

Microchip Technology  
IC COMPARATOR 1 GEN PUR SOT23-5



#### MCP6544-E/ST

Microchip Technology  
IC COMPARATOR 4 GEN PUR 14TSSOP



#### MCP6544-I/SL

Microchip Technology  
IC COMPARATOR 4 GEN PUR 14SOIC



#### MCP6544-I/ST

Microchip Technology  
IC COMPARATOR 4 GEN PUR 14TSSOP

## 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

info@allelco.com

## Certifications & Memberships



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