

Image may be representation.  
See specifications for product details.



## MCP6051-E/SN

Manufacturer Part Number	<b>MCP6051-E/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP6051-E/SN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 1 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<a href="#">Analog and Interface Product Guide.pdf</a>
RoHs Status	ROHS3 Compliant

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MCP6051-E/SN - Microchip Technology. New Original in Stock. Download Linear Technology MCP6051-E/SN datasheet/specifications on AllelcoElec.com. Request a quote for MCP6051-E/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP6051-E/SN Tech Specifications

MCP6051-E/SN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Type	Rail-to-Rail
Voltage - Supply Span (Min)	1.8 V	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Max)	6 V	Number of Circuits	1
Voltage - Input Offset	150 µV	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Gain Bandwidth Product	385 kHz
Slew Rate	0.15V/µs	Current - Supply	30µA
Series	-	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP6051
Package	Tube	Amplifier Type	General Purpose

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6051-E/SN

Product Attribute				
Part Number	MCP6051-E/SN	MCP6054-E/SL	MCP6054-E/ST	MCP6051T-E/MNY
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply Span (Min)	1.8 V	1.8 V	1.8 V	1.8 V
Series	-	-	-	-
Number of Circuits	1	4	4	1
Gain Bandwidth Product	385 kHz	385 kHz	385 kHz	385 kHz
Current - Supply	30µA	30µA (x4 Channels)	30µA (x4 Channels)	30µA
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Package	Tube	Tube	Tube	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)	8-WDFN Exposed Pad
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Supplier Device Package	8-SOIC	14-SOIC	14-TSSOP	8-TDFN (2x3)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Amplifier Type	General Purpose	CMOS	CMOS	General Purpose
Voltage - Input Offset	150 µV	150 µV	150 µV	150 µV
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Slew Rate	0.15V/µs	0.15V/µs	0.15V/µs	0.15V/µs
Base Product Number	MCP6051	MCP6054	MCP6054	MCP6051

### MCP6051-E/SN Datasheet PDF

Download MCP6051-E/SN pdf datasheets and Microchip Technology documentation for MCP6051-E/SN - 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](#)

#### PCN Assembly/Origin

 Manufacturing Change 07/Apr/2022.pdf

## Other Related Documents

 Development Tools Catalog.pdf

## PCN Design/Specification

 CuPdAu Update 29/Jun/2015.pdf

## Customers Also Interested in

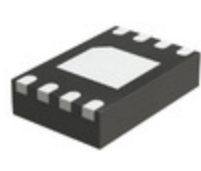
### Recommended Products



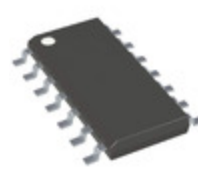
**MCP6054-E/SL**  
Microchip Technology  
IC CMOS 4 CIRCUIT 14SOIC



**MCP6054-E/ST**  
Microchip Technology  
IC CMOS 4 CIRCUIT 14TSSOP



**MCP6051T-E/MNY**  
Microchip Technology  
IC OPAMP GP 1 CIRCUIT 8TDFN



**MCP6044T-I/SL**  
Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14SOIC



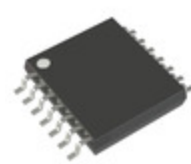
**MCP6052T-E/SN**  
Microchip Technology  
IC CMOS 2 CIRCUIT 8SOIC



**MCP6054T-E/ST**  
Microchip Technology  
IC CMOS 4 CIRCUIT 14TSSOP



**MCP6052-E/SL**  
Microchip Technology  
IC CMOS 2 CIRCUIT 8SOIC



**MCP604T-E/ST**  
Microchip Technology  
IC CMOS 4 CIRCUIT 14TSSOP



**MCP604T-I/SL**  
Microchip Technology  
IC CMOS 4 CIRCUIT 14SOIC



**MCP6044I/SL**  
Micrel / Microchip Technology



**MCP6044-I/ST**  
Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14TSSOP



**MCP604T-E/SL**  
Microchip Technology  
IC CMOS 4 CIRCUIT 14SOIC



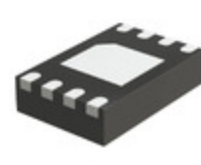
**MCP604T-I/ST**  
Microchip Technology  
IC CMOS 4 CIRCUIT 14TSSOP



**MCP6051T-E/OT**  
Microchip Technology  
IC OPAMP GP 1 CIRCUIT SOT23-5



**MCP6044T-I/ST**  
Microchip Technology  
IC OPAMP GP 4 CIRCUIT 14TSSOP



**MCP6052T-E/MNY**  
Microchip Technology  
IC CMOS 2 CIRCUIT 8TDFN



**MCP604E/SL**  
Micrel / Microchip Technology



**MCP6054T-E/SL**  
Microchip Technology  
IC CMOS 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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## Certifications & Memberships



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