

Image may be representation.  
See specifications for product details.



## MCP6V31UT-E/LT

Manufacturer Part Number	<b>MCP6V31UT-E/LT</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP6V31UT-E/LT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OPAMP ZERO-DRIFT 1CIRC SC70-5
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	MCP6V31UT-E/LT.pdf
RoHs Status	<b>ROHS3 Compliant</b>

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MCP6V31UT-E/LT - Microchip Technology. New Original in Stock. Download Linear Technology MCP6V31UT-E/LT datasheet/specifications on AllelcoElec.com. Request a quote for MCP6V31UT-E/LT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP6V31UT-E/LT Tech Specifications  
MCP6V31UT-E/LT - 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)	5.5 V	Number of Circuits	1
Voltage - Input Offset	8 µV	Mounting Type	Surface Mount
Supplier Device Package	SC-70-5	Gain Bandwidth Product	300 kHz
Slew Rate	0.13V/µs	Current - Supply	23µA
Series	-	Current - Input Bias	5 pA
Package / Case	5-TSSOP, SC-70-5, SOT-353	Base Product Number	MCP6V31
Package	Tape & Reel (TR)	Amplifier Type	Zero-Drift

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6V31UT-E/LT

Product Attribute				
Part Number	MCP6V31UT-E/LT	MCP6V11UT-E/LT	MCP6V96T-E/OT	MCP6V11UT-E/OT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	-	-	-	-
Base Product Number	MCP6V31	MCP6V11	MCP6V96	MCP6V11
Voltage - Supply Span (Min)	1.8 V	1.6 V	2.4 V	1.6 V
Gain Bandwidth Product	300 kHz	80 kHz	10 MHz	80 kHz
Amplifier Type	Zero-Drift	Zero-Drift	Zero-Drift	Zero-Drift
Number of Circuits	1	1	1	1
Supplier Device Package	SC-70-5	SC-70-5	SOT-23-5	SOT-23-5
Slew Rate	0.13V/µs	0.03V/µs	9.5V/µs	0.03V/µs
Current - Input Bias	5 pA	5 pA	2 pA	5 pA
Current - Supply	23µA	7.5µA	1.1mA	7.5µA
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Package / Case	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	SC-74A, SOT-753	SC-74A, SOT-753
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input Offset	8 µV	8 µV	25 µV	8 µV

### MCP6V31UT-E/LT Datasheet PDF

Download MCP6V31UT-E/LT pdf datasheets and Microchip Technology documentation for MCP6V31UT-E/LT - Microchip Technology.

#### 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

[SC70-3L/5L Revision 28/Jan/2014.pdf](#)

### Customers Also Interested in

## Recommended Products



### MCP6V11UT-E/LT

Microchip Technology  
IC OPAMP ZERO-DRIFT 1CIRC SC70-5



### MCP6V96T-E/OT

Microchip Technology  
IC OPAMP ZER-DRIFT 1CIRC SOT23-5



### MCP6V11UT-E/OT

Microchip Technology  
IC OPAMP ZER-DRIFT 1CIRC SOT23-5



### MCP6V27T-E/MS

Microchip Technology  
IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP



### MCP6V64-E/ST

Microchip Technology  
IC OPAMP ZER-DRIFT 4CIRC 14TSSOP



### MCP6V12T-E/MNY

Microchip Technology  
IC OPAMP ZERO-DRIFT 2 CIRC 8TDFN



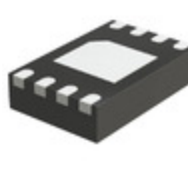
### MCP6V27T-E/SN

Microchip Technology  
IC OPAMP ZERO-DRIFT 2 CIRC 8SOIC



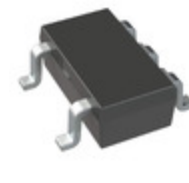
### MCP6V32T-E/MS

Microchip Technology  
IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP



### MCP6V72T-E/MNY

Microchip Technology  
IC OPAMP ZERO-DRIFT 2 CIRC 8TDFN



### MCP6V31T-E/OT

Microchip Technology  
IC OPAMP ZERO-DRIFT 1CIRC SOT23-5



### MCP6V27-E/SN

Microchip Technology  
IC OPAMP ZERO-DRIFT 2 CIRC 8SOIC



### MCP6V34-E/ST

Microchip Technology  
IC OPAMP ZERO-DRIFT 4CIRC 14TSSOP



### MCP722A-I/SS

Micrel / Microchip Technology



### MCP6V27-E/MS

Microchip Technology  
IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP



### MCP6V31UT-E/OT

Microchip Technology  
IC OPAMP ZER-DRIFT 1CIRC SOT23-5



### MCP6V12-E/MS

Microchip Technology  
IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP



### MCP6V12T-E/MS

Microchip Technology  
IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP



### MCP6V32-E/MS

Microchip Technology  
IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP

## 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.



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Email

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## Certifications & Memberships



View More



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