

Image may be representation.
See specifications for product details.



MCP6V12-E/MS

Manufacturer Part Number	MCP6V12-E/MS
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6V12-E/MS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	MCP6V12-E/MS.pdf
RoHs Status	ROHS3 Compliant

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MCP6V12-E/MS - Microchip Technology. New Original in Stock. Download Linear Technology MCP6V12-E/MS datasheet/specifications on AllelcoElec.com. Request a quote for MCP6V12-E/MS, please send us email: info@allelco.com

Specifications

MCP6V12-E/MS Tech Specifications
MCP6V12-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 (TA)
Voltage - Supply Span (Min)	1.6 V	Number of Circuits	2
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	8 µV	Gain Bandwidth Product	80 kHz
Supplier Device Package	8-MSOP	Current - Supply	6.5µA (x2 Channels)
Slew Rate	0.03V/µs	Current - Output / Channel	17 mA
Series	Zero-Drift	Current - Input Bias	5 pA
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	MCP6V12
Package	Tube	Amplifier Type	Zero-Drift
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6V12-E/MS

Product Attribute				
Part Number	MCP6V12-E/MS	MCP6V03T-E/MNY	MCP6V12T-E/MNY	MCP6V02-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Amplifier Type	Zero-Drift	Zero-Drift	Zero-Drift	Zero-Drift
Voltage - Supply Span (Min)	1.6 V	1.8 V	1.6 V	1.8 V
Slew Rate	0.03V/µs	0.5V/µs	0.03V/µs	0.5V/µs
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Current - Input Bias	5 pA	1 pA	5 pA	1 pA
Series	Zero-Drift	-	Zero-Drift	-
Gain Bandwidth Product	80 kHz	1.3 MHz	80 kHz	1.3 MHz
Current - Output / Channel	17 mA	-	17 mA	22 mA
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Current - Supply	6.5µA (x2 Channels)	300µA	6.5µA (x2 Channels)	300µA (x2 Channels)
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Base Product Number	MCP6V12	MCP6V03	MCP6V12	MCP6V02
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-WDFDN Exposed Pad	8-WDFDN Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Voltage - Input Offset	8 µV	2 µV	8 µV	2 µV
Supplier Device Package	8-MSOP	8-TDFN (2x3)	8-TDFN (2x3)	8-SOIC
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Number of Circuits	2	1	2	2

MCP6V12-E/MS Datasheet PDF

Download MCP6V12-E/MS pdf datasheets and Microchip Technology documentation for MCP6V12-E/MS - 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](#)

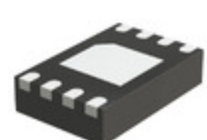
PCN Assembly/Origin

[Mult Devices 23/May/2018.pdf](#)

 Bond Wire Qualification 08/Jun/2016.pdf

Customers Also Interested in

Recommended Products



MCP6V03T-E/MNY

Microchip Technology
IC OPAMP ZERO-DRIFT 1 CIRC
8TDFN



MCP6V12T-E/MNY

Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC
8TDFN



MCP6V02-E/SN

Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC
8SOIC



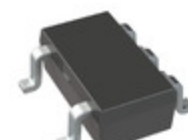
MCP6V01-E/SN

Microchip Technology
IC OPAMP ZERO-DRIFT 1 CIRC
8SOIC



MCP6V27T-E/SN

Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC
8SOIC



MCP6V11T-E/OT

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



MCP6V01T-E/SN

Microchip Technology
IC OPAMP ZERO-DRIFT 1 CIRC
8SOIC



MCP6V02T-E/SN

Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC
8SOIC



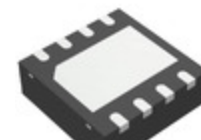
MCP6V31UT-E/LT

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



MCP6V32-E/MS

Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC
8MSOP



MCP6V07-E/MD

Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8DFN



MCP6V31T-E/OT

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



MCP6V07T-E/SN

Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC
8SOIC



MCP6V11UT-E/OT

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



MCP6V27T-E/MS

Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC
8MSOP



MCP6V27-E/SN

Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC
8SOIC



MCP6V12T-E/MS

Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC
8MSOP



MCP6V11UT-E/LT

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

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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Certifications & Memberships



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