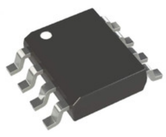

Image may be representation.
See specifications for product details.

MCP6V02-E/SN

Manufacturer Part Number	MCP6V02-E/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6V02-E/SN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OPAMP ZERO-DRIFT 2 CIRC 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Analog and Interface Product Guide.pdf MCP6V01, 2, 3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP6V02-E/SN - Microchip Technology.New Original in Stock. Download Linear Technology MCP6V02-E/SN datasheet/specifications on AllelcoElec.com.
Request a quote for MCP6V02-E/SN, please send us email: info@allelco.com

Specifications

MCP6V02-E/SN Tech Specifications
MCP6V02-E/SN - 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)	1.8 V	Number of Circuits	2
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	2 µV	Gain Bandwidth Product	1.3 MHz
Supplier Device Package	8-SOIC	Current - Supply	300µA (x2 Channels)
Slew Rate	0.5V/µs	Current - Output / Channel	22 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP6V02
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 MCP6V02-E/SN

Product Attribute				
Part Number	MCP6V02-E/SN	MCP6V02T-E/SN	MCP6S91T-E/MS	MCP6V03T-E/MNY
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Circuits	2	2	1	1
Current - Output / Channel	22 mA	22 mA	25 mA	-
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Gain Bandwidth Product	1.3 MHz	1.3 MHz	-	1.3 MHz
Supplier Device Package	8-SOIC	8-SOIC	8-MSOP	8-TDFN (2x3)
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 125°C
Series	-	-	-	-
Amplifier Type	Zero-Drift	Zero-Drift	Programmable Gain	Zero-Drift
Base Product Number	MCP6V02	MCP6V02	MCP6S91	MCP6V03
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Voltage - Input Offset	2 µV	2 µV	400 µV	2 µV
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Voltage - Supply Span (Min)	1.8 V	1.8 V	2.5 V	1.8 V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-WFDFN Exposed Pad
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Slew Rate	0.5V/µs	0.5V/µs	22V/µs	0.5V/µs
Current - Supply	300µA (x2 Channels)	300µA (x2 Channels)	1mA	300µA

MCP6V02-E/SN Datasheet PDF

Download MCP6V02-E/SN pdf datasheets and Microchip Technology documentation for MCP6V02-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

HTML Datasheet

MCP6V01, 2, 3.pdf

Customers Also Interested in

Recommended Products

MCP6S28-I/SL
Microchip Technology
IC OPAMP PGA 8 CIRCUIT 16SOIC

MCP6V02T-E/SN
Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8SOIC

MCP6S91T-E/MS
Microchip Technology
IC OPAMP PGA 1 CIRCUIT 8MSOP

MCP6V03T-E/MNY
Microchip Technology
IC OPAMP ZERO-DRIFT 1 CIRC 8TDFN

MCP6V12-E/MS
Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP

MCP6V01T-E/SN
Microchip Technology
IC OPAMP ZERO-DRIFT 1 CIRC 8SOIC

MCP6S28-I/P
Microchip Technology
IC OPAMP PGA 8 CIRCUIT 16DIP

MCP6V11UT-E/OT
Microchip Technology
IC OPAMP ZER-DRIFT 1CIRC SOT23-5

MCP6V01-E/SN
Microchip Technology
IC OPAMP ZERO-DRIFT 1 CIRC 8SOIC

MCP6V11UT-E/LT
Microchip Technology
IC OPAMP ZERO-DRIFT 1CIRC SC70-5

MCP6V07T-E/SN
Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8SOIC

MCP6V11T-E/OT
Microchip Technology
IC OPAMP ZER-DRIFT 1CIRC SOT23-5

MCP6S93-E/UN
Microchip Technology
IC OPAMP PGA 2 CIRCUIT 10MSOP

MCP6S26-I/ST
Microchip Technology
IC OPAMP PGA 6 CIRCUIT 14TSSOP

MCP6V12T-E/MNY
Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8TDFN

MCP6V07-E/MD
Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8DFN

MCP6V12T-E/MS
Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP

MCP6S93T-E/UN
Microchip Technology
IC OPAMP PGA 2 CIRCUIT 10MSOP

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.

EAST WEST BANK · MasterCard · VISA · WESTERN UNION · 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

View More

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