



Image may be representation.
See specifications for product details.



MCP602-E/SN

Manufacturer Part Number	MCP602-E/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP602-E/SN
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC CMOS 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	MCP601-04.pdf
RoHs Status	 ROHS3 Compliant

Get a Quote

MCP602-E/SN - Microchip Technology.New Original in Stock. Download Linear Technology MCP602-E/SN datasheet/specifications on AllelcoElec.com.
Request a quote for MCP602-E/SN, please send us email: info@allelco.com

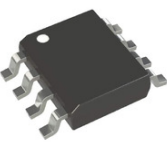



Specifications

MCP602-E/SN Tech Specifications
MCP602-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)	2.7 V	Number of Circuits	2
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	700 µV	Gain Bandwidth Product	2.8 MHz
Supplier Device Package	8-SOIC	Current - Supply	230µA (x2 Channels)
Slew Rate	2.3V/µs	Current - Output / Channel	22 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP602
Package	Tube	Amplifier Type	CMOS
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP602-E/SN

Product Attribute				
Part Number	MCP602-E/SN	MCP6021RT-E/OT	MCP601T-I/OT	MCP602-I/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Series	-	-	-	-
Amplifier Type	CMOS	General Purpose	General Purpose	CMOS
Slew Rate	2.3V/µs	7V/µs	2.3V/µs	2.3V/µs
Number of Circuits	2	1	1	2
Base Product Number	MCP602	MCP6021	MCP601	MCP602
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C (TA)
Gain Bandwidth Product	2.8 MHz	10 MHz	2.8 MHz	2.8 MHz
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Voltage - Input Offset	700 µV	500 µV	700 µV	700 µV
Voltage - Supply Span (Max)	6 V	5.5 V	6 V	6 V
Voltage - Supply Span (Min)	2.7 V	2.5 V	2.7 V	2.7 V
Current - Supply	230µA (x2 Channels)	1mA	230µA	230µA (x2 Channels)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Current - Output / Channel	22 mA	-	22 mA	22 mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	SC-74A, SOT-753	8-DIP (0.300", 7.62mm)
Supplier Device Package	8-SOIC	SOT-23-5	SOT-23-5	8-PDIP
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail

MCP602-E/SN Datasheet PDF


Download MCP602-E/SN pdf datasheets and Microchip Technology documentation for MCP602-E/SN - Microchip Technology.

Datasheets

 MCP601-04.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

 MCP60x Datasheet 04/May/2023.pdf

Customers Also Interested in

Recommended Products

					
MCP6021RT-E/OT	MCP601T-I/OT	MCP602-I/P	MCP602	MCP601T-I/O	MCP6021-E/MS
Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	Microchip Technology IC CMOS 2 CIRCUIT 8DIP	MICROCHI	Micrel / Microchip Technology	Microchip Technology IC OPAMP GP 1 CIRCUIT 8MSOP
					
MCP6021-I/SN	MCP601T-E/OT	MCP601-I/ST	MCP601T-E/SN	MCP601-I/SN	MCP601T-I/SN
Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC	Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	Microchip Technology IC OPAMP GP 1 CIRCUIT 8TSSOP	Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC	Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC	Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC
					
MCP601RT-I/OT	MCP602-I/SN	MCP601-I/P	MCP6021T-E/OT	MCP6021-E/ST	MCP6021-I/ST
Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	Microchip Technology IC CMOS 2 CIRCUIT 8SOIC	Microchip Technology IC OPAMP GP 1 CIRCUIT 8DIP	Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	Microchip Technology IC OPAMP GP 1 CIRCUIT 8TSSOP	Microchip Technology IC OPAMP GP 1 CIRCUIT 8TSSOP

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
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



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