

Image may be representation.
See specifications for product details.



MCP617T-I/SN

Manufacturer Part Number	MCP617T-I/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP617T-I/SN
ECAD Model	Request Free CAD Models
Parts Description	IC CMOS 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Analog and Interface Product Guide.pdf MCP616 - 619.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP617T-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology MCP617T-I/SN datasheet/specifications on AllelcoElec.com.
Request a quote for MCP617T-I/SN, please send us email: info@allelco.com

Specifications

MCP617T-I/SN Tech Specifications

MCP617T-I/SN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C
Voltage - Supply Span (Min)	2.3 V	Number of Circuits	2
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	150 µV	Gain Bandwidth Product	190 kHz
Supplier Device Package	8-SOIC	Current - Supply	19µA (x2 Channels)
Slew Rate	0.08V/µs	Current - Output / Channel	17 mA
Series	-	Current - Input Bias	5 nA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP617
Package	Tape & Reel (TR)	Amplifier Type	CMOS
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP617T-I/SN

Product Attribute				
Part Number	MCP617T-I/SN	MCP621ST-E/OT	MCP6144-I/SL	MCP619-I/SL
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	MCP617	MCP621	MCP6144	MCP619
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Voltage - Input Offset	150 µV	200 µV	3 mV	150 µV
Gain Bandwidth Product	190 kHz	20 MHz	100 kHz	190 kHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 85°C (TA)	-40°C ~ 85°C
Current - Output / Channel	17 mA	70 mA	20 mA	17 mA
Series	-	mCal Technology	-	-
Voltage - Supply Span (Max)	5.5 V	5.5 V	6 V	5.5 V
Voltage - Supply Span (Min)	2.3 V	2.5 V	1.4 V	2.3 V
Current - Supply	19µA (x2 Channels)	2.5mA	600nA (x4 Channels)	19µA (x4 Channels)
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Amplifier Type	CMOS	General Purpose	General Purpose	CMOS
Slew Rate	0.08V/µs	10V/µs	0.024V/µs	0.08V/µs
Current - Input Bias	5 nA	5 pA	1 pA	5 nA
Number of Circuits	2	1	4	4
Supplier Device Package	8-SOIC	SOT-23-5	14-SOIC	14-SOIC

MCP617T-I/SN Datasheet PDF

Download MCP617T-I/SN pdf datasheets and Microchip Technology documentation for MCP617T-I/SN - Microchip Technology.

Datasheets

[Analog and Interface Product Guide.pdf](#)

[MCP616 - 619.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Reel Design Update 07/May/2015.pdf](#)


Environmental Information

[Microchip CA Prop65.pdf](#)

[Microchip REACH.pdf](#)

[Microchip RoHS.pdf](#)


Other Related Documents

 Development Tools Catalog.pdf

PCN Design/Specification

 MCP616/7/8/9 07/Nov/2019.pdf

PCN Assembly/Origin

 Manufacturing Change 16/Feb/2022.pdf

Customers Also Interested in

Recommended Products



MCP621ST-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6144-I/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP619-I/SL

Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC



MCP617-I/P

Microchip Technology
IC CMOS 2 CIRCUIT 8DIP



MCP619T-I/SL

Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC



MCP617T-I/MS

Microchip Technology
IC CMOS 2 CIRCUIT 8MSOP



MCP616-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6144-I/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP617-I/MS

Microchip Technology
IC CMOS 2 CIRCUIT 8MSOP



MCP622-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP622T-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP617-I/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



MCP616T-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP621-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6231RT-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



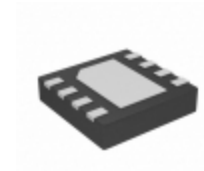
MCP619-I/ST

Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



MCP619T-I/ST

Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



MCP622T-E/MF

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8DFN

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



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