

Image may be representation.
See specifications for product details.



MCP617T-I/MS

| | |
|--------------------------|--|
| Manufacturer Part Number | MCP617T-I/MS |
| Manufacturer | Microchip Technology |
| Allelco Part Number | 32D-MCP617T-I/MS |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC CMOS 2 CIRCUIT 8MSOP |
| Package | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) |
| Data sheet | Analog and Interface Product Guide.pdf MCP616 - 619.pdf |
| RoHs Status | ROHS3 Compliant |

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

Specifications

MCP617T-I/MS Tech Specifications

MCP617T-I/MS - 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-MSOP | Current - Supply | 19µA (x2 Channels) |
| Slew Rate | 0.08V/µs | Current - Output / Channel | 17 mA |
| Series | - | Current - Input Bias | 5 nA |
| Package / Case | 8-TSSOP, 8-MSOP (0.118", 3.00mm 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/MS

| Product Attribute | | | | |
|-----------------------------|--|---------------------------------|-------------------------------|-------------------------------|
| Part Number | MCP617T-I/MS | MCP619T-I/ST | MCP617-I/SN | MCP617T-I/SN |
| Manufacturer | Microchip Technology | Microchip Technology | Microchip Technology | Microchip Technology |
| Number of Circuits | 2 | 4 | 2 | 2 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Voltage - Supply Span (Min) | 2.3 V | 2.3 V | 2.3 V | 2.3 V |
| Current - Input Bias | 5 nA | 5 nA | 5 nA | 5 nA |
| Slew Rate | 0.08V/µs | 0.08V/µs | 0.08V/µs | 0.08V/µs |
| Current - Output / Channel | 17 mA | 17 mA | 17 mA | 17 mA |
| Voltage - Supply Span (Max) | 5.5 V | 5.5 V | 5.5 V | 5.5 V |
| Output Type | Rail-to-Rail | Rail-to-Rail | Rail-to-Rail | Rail-to-Rail |
| Current - Supply | 19µA (x2 Channels) | 19µA (x4 Channels) | 19µA (x2 Channels) | 19µA (x2 Channels) |
| Package / Case | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | 14-TSSOP (0.173", 4.40mm Width) | 8-SOIC (0.154", 3.90mm Width) | 8-SOIC (0.154", 3.90mm Width) |
| Series | - | - | - | - |
| Base Product Number | MCP617 | MCP619 | MCP617 | MCP617 |
| Supplier Device Package | 8-MSOP | 14-TSSOP | 8-SOIC | 8-SOIC |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tube | Tape & Reel (TR) |
| Voltage - Input Offset | 150 µV | 150 µV | 150 µV | 150 µV |
| Amplifier Type | CMOS | CMOS | CMOS | CMOS |
| Operating Temperature | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 85°C |
| Gain Bandwidth Product | 190 kHz | 190 kHz | 190 kHz | 190 kHz |

MCP617T-I/MS Datasheet PDF

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

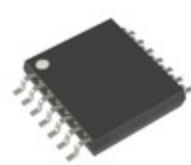
 Bond Wire Qualification 13/Jun/2016.pdf

PCN Assembly/Origin

 Mult Devices 28/Nov/2017.pdf

Customers Also Interested in

Recommended Products



MCP619T-I/ST

Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



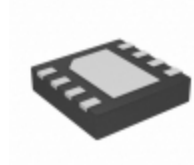
MCP617-I/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



MCP617T-I/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



MCP622T-E/MF

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8DFN



MCP622-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP621ST-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP619-I/ST

Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



MCP619T-I/SL

Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC



MCP6142T-I/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP621-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP622T-E/SN

Microchip Technology
IC OPAMP GP 2 CIRCUIT 8SOIC



MCP617-I/MS

Microchip Technology
IC CMOS 2 CIRCUIT 8MSOP



MCP617-I/P

Microchip Technology
IC CMOS 2 CIRCUIT 8DIP



MCP616-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6144-I/SL

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14SOIC



MCP6144-I/ST

Microchip Technology
IC OPAMP GP 4 CIRCUIT 14TSSOP



MCP616T-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP619-I/SL

Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC

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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