

Image may be representation.  
See specifications for product details.



## MCP6482T-E/SN

|                          |                                  |
|--------------------------|----------------------------------|
| Manufacturer Part Number | <b>MCP6482T-E/SN</b>             |
| Manufacturer             | <b>Microchip Technology</b>      |
| Allelco Part Number      | 32D-MCP6482T-E/SN                |
| ECAD Model               | PCB Symbol, Footprint & 3D Model |
| Parts Description        | IC OPAMP GP 2 CIRCUIT 8SOIC      |
| Package                  | 8-SOIC (0.154", 3.90mm Width)    |
| Data sheet               | MCP6482T-E/SN.pdf                |
| RoHs Status              | <b>ROHS3 Compliant</b>           |

**Get a Quote**

MCP6482T-E/SN - Microchip Technology. New Original in Stock. Download Linear Technology MCP6482T-E/SN datasheet/specifications on AllelcoElec.com.  
Request a quote for MCP6482T-E/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP6482T-E/SN Tech Specifications

MCP6482T-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) | 2.2 V                         | Number of Circuits         | 2                   |
| Voltage - Supply Span (Max) | 5.5 V                         | Mounting Type              | Surface Mount       |
| Voltage - Input Offset      | 1.5 mV                        | Gain Bandwidth Product     | 4 MHz               |
| Supplier Device Package     | 8-SOIC                        | Current - Supply           | 240µA (x2 Channels) |
| Slew Rate                   | 2.7V/µs                       | Current - Output / Channel | 12 mA               |
| Series                      | -                             | Current - Input Bias       | 1 pA                |
| Package / Case              | 8-SOIC (0.154", 3.90mm Width) | Base Product Number        | MCP6482             |
| Package                     | Tape & Reel (TR)              | Amplifier Type             | General Purpose     |
| Output Type                 | Rail-to-Rail                  |                            |                     |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6482T-E/SN

| Product Attribute           |                               |                      |                                 |                                |
|-----------------------------|-------------------------------|----------------------|---------------------------------|--------------------------------|
| Part Number                 | MCP6482T-E/SN                 | MCP6491T-E/OT        | MCP6474T-E/ST                   | MCP6484-E/SL                   |
| Manufacturer                | Microchip Technology          | Microchip Technology | Microchip Technology            | Microchip Technology           |
| Package                     | Tape & Reel (TR)              | Tape & Reel (TR)     | Tape & Reel (TR)                | Tube                           |
| Output Type                 | Rail-to-Rail                  | Rail-to-Rail         | Rail-to-Rail                    | Rail-to-Rail                   |
| Amplifier Type              | General Purpose               | General Purpose      | CMOS                            | General Purpose                |
| Voltage - Supply Span (Min) | 2.2 V                         | 2.4 V                | 2 V                             | 2.2 V                          |
| Current - Output / Channel  | 12 mA                         | 15 mA                | 32 mA                           | 12 mA                          |
| Number of Circuits          | 2                             | 1                    | 4                               | 4                              |
| Gain Bandwidth Product      | 4 MHz                         | 7.5 MHz              | 2 MHz                           | 4 MHz                          |
| Voltage - Supply Span (Max) | 5.5 V                         | 5.5 V                | 5.5 V                           | 5.5 V                          |
| Voltage - Input Offset      | 1.5 mV                        | 1.5 mV               | 1.5 mV                          | 1.5 mV                         |
| Current - Input Bias        | 1 pA                          | 1 pA                 | 1 pA                            | 1 pA                           |
| Mounting Type               | Surface Mount                 | Surface Mount        | Surface Mount                   | Surface Mount                  |
| Current - Supply            | 240µA (x2 Channels)           | 530µA                | 100µA (x4 Channels)             | 240µA (x4 Channels)            |
| Slew Rate                   | 2.7V/µs                       | 6V/µs                | 1.1V/µs                         | 2.7V/µs                        |
| Supplier Device Package     | 8-SOIC                        | SOT-23-5             | 14-TSSOP                        | 14-SOIC                        |
| Operating Temperature       | -40°C ~ 125°C (TA)            | -40°C ~ 125°C        | -40°C ~ 125°C (TA)              | -40°C ~ 125°C (TA)             |
| Package / Case              | 8-SOIC (0.154", 3.90mm Width) | SC-74A, SOT-753      | 14-TSSOP (0.173", 4.40mm Width) | 14-SOIC (0.154", 3.90mm Width) |
| Series                      | -                             | -                    | -                               | -                              |
| Base Product Number         | MCP6482                       | MCP6491              | MCP6474                         | MCP6484                        |

### MCP6482T-E/SN Datasheet PDF

Download MCP6482T-E/SN pdf datasheets and Microchip Technology documentation for MCP6482T-E/SN - Microchip Technology.

#### PCN Packaging

Packing Changes 10/Oct/2016.pdf

Reel Design Update 07/May/2015.pdf

#### Environmental Information

Microchip CA Prop65.pdf

Microchip REACH.pdf



















Microchip RoHS.pdf

#### PCN Assembly/Origin

Manufacturing Change 07/Apr/2022.pdf

## Customers Also Interested in

### Recommended Products

|   |   |   |  |   |   |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| <b>MCP6491T-E/OT</b><br>Microchip Technology<br>IC OPAMP GP 1 CIRCUIT SOT23-5     | <b>MCP6474T-E/ST</b><br>Microchip Technology<br>IC CMOS 4 CIRCUIT 14TSSOP         | <b>MCP6484-E/SL</b><br>Microchip Technology<br>IC OPAMP GP 4 CIRCUIT 14SOIC       | <b>MCP6477T-E/MS</b><br>Microchip Technology<br>IC OPAMP GP 2 CIRCUIT 8MSOP        | <b>MCP6482-E/SN</b><br>Microchip Technology<br>IC OPAMP GP 2 CIRCUIT 8SOIC          | <b>MCP6492-E/MS</b><br>Microchip Technology<br>IC OPAMP GP 2 CIRCUIT 8MSOP          |
|  |  |  |  |  |  |
| <b>MCP6476UT-E/LT</b><br>Microchip Technology<br>IC OPAMP GP 1 CIRCUIT SC70-5     | <b>MCP6477T-E/SN</b><br>Microchip Technology<br>IC OPAMP GP 2 CIRCUIT 8SOIC       | <b>MCP6482-E/MS</b><br>Microchip Technology<br>IC OPAMP GP 2 CIRCUIT 8MSOP        | <b>MCP6492-E/SN</b><br>Microchip Technology<br>IC OPAMP GP 2 CIRCUIT 8SOIC         | <b>MCP6494-E/ST</b><br>Microchip Technology<br>IC OPAMP GP 4 CIRCUIT 14TSSOP        | <b>MCP6484-E/ST</b><br>Microchip Technology<br>IC OPAMP GP 4 CIRCUIT 14TSSOP        |
|  |  |  |  |  |  |
| <b>MCP6492T-E/SN</b><br>Microchip Technology<br>IC OPAMP GP 2 CIRCUIT 8SOIC       | <b>MCP6474T-E/SL</b><br>Microchip Technology<br>IC CMOS 4 CIRCUIT 14SOIC          | <b>MCP6479T-E/SL</b><br>Microchip Technology<br>IC OPAMP GP 4 CIRCUIT 14SOIC      | <b>MCP6492T-E/MS</b><br>Microchip Technology<br>IC OPAMP GP 2 CIRCUIT 8MSOP        | <b>MCP6494T-E/SL</b><br>Microchip Technology<br>IC OPAMP GP 4 CIRCUIT 14SOIC        | <b>MCP6476T-E/LT</b><br>Microchip Technology<br>IC OPAMP GP 1 CIRCUIT 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.

-  Phone  
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-  Email  
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### Certifications & Memberships



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### Contact us

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