



Image may be representation.  
See specifications for product details.



## MAX4477ASA+T

|                          |                               |
|--------------------------|-------------------------------|
| Manufacturer Part Number | <b>MAX4477ASA+T</b>           |
| Manufacturer             | <b>Maxim Integrated</b>       |
| Allelco Part Number      | 32D-MAX4477ASA+T              |
| ECAD Model               | Request Free CAD Models       |
| Parts Description        | IC OPAMP GP 2 CIRCUIT 8SOIC   |
| Package                  | 8-SOIC (0.154", 3.90mm Width) |
| Data sheet               | <b>MAX4475-78/88/89.pdf</b>   |
| RoHs Status              | <b>ROHS3 Compliant</b>        |

**Get a Quote**

MAX4477ASA+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4477ASA+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX4477ASA+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX4477ASA+T Tech Specifications  
MAX4477ASA+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

| Product Attribute           | Attribute Value               | Product Attribute          | Attribute Value     |
|-----------------------------|-------------------------------|----------------------------|---------------------|
| Manufacturer                | Maxim Integrated              | Operating Temperature      | -40°C ~ 125°C       |
| Voltage - Supply Span (Min) | 2.7 V                         | Number of Circuits         | 2                   |
| Voltage - Supply Span (Max) | 5.5 V                         | Mounting Type              | Surface Mount       |
| Voltage - Input Offset      | 70 µV                         | Gain Bandwidth Product     | 10 MHz              |
| Supplier Device Package     | 8-SOIC                        | Current - Supply           | 2.5mA (x2 Channels) |
| Slew Rate                   | 3V/µs                         | Current - Output / Channel | 48 mA               |
| Series                      | -                             | Current - Input Bias       | 1 pA                |
| Package / Case              | 8-SOIC (0.154", 3.90mm Width) | Base Product Number        | MAX4477             |
| Package                     | Tape & Reel (TR)              | Amplifier Type             | General Purpose     |
| Output Type                 | Push-Pull, Rail-to-Rail       |                            |                     |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4477ASA+T

| Product Attribute           |                                      |                                      |  |                                      |
|-----------------------------|--------------------------------------|--------------------------------------|--|--------------------------------------|
| Part Number                 | MAX4477ASA+T                         | MAX4478AUD                           | MAX4475AUA+T                           | MAX4475ASA+T                         |
| Manufacturer                | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated   | Analog Devices Inc./Maxim Integrated |
| Current - Output / Channel  | 48 mA                                | 48 mA                                | 48 mA                                  | 48 mA                                |
| Number of Circuits          | 2                                    | 4                                    | 1                                      | 1                                    |
| Package                     | Tape & Reel (TR)                     | Tube                                 | Tape & Reel (TR)                       | Tape & Reel (TR)                     |
| Package / Case              | 8-SOIC (0.154", 3.90mm Width)        | 14-TSSOP (0.173", 4.40mm Width)      | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) | 8-SOIC (0.154", 3.90mm Width)        |
| Base Product Number         | MAX4477                              | MAX4478                              | MAX4475                                | MAX4475                              |
| Operating Temperature       | -40°C ~ 125°C                        | -40°C ~ 125°C                        | -40°C ~ 125°C                          | -40°C ~ 125°C                        |
| Output Type                 | Push-Pull, Rail-to-Rail              | Push-Pull, Rail-to-Rail              | Rail-to-Rail                           | Rail-to-Rail                         |
| Mounting Type               | Surface Mount                        | Surface Mount                        | Surface Mount                          | Surface Mount                        |
| Slew Rate                   | 3V/µs                                | 3V/µs                                | 3V/µs                                  | 3V/µs                                |
| Supplier Device Package     | 8-SOIC                               | 14-TSSOP                             | 8-uMAX/uSOP                            | 8-SOIC                               |
| Series                      | -                                    | -                                    | -                                      | -                                    |
| Voltage - Input Offset      | 70 µV                                | 70 µV                                | 70 µV                                  | 70 µV                                |
| Gain Bandwidth Product      | 10 MHz                               | 10 MHz                               | 10 MHz                                 | 10 MHz                               |
| Current - Supply            | 2.5mA (x2 Channels)                  | 2.5mA (x4 Channels)                  | 2.5mA                                  | 2.5mA                                |
| Current - Input Bias        | 1 pA                                 | 1 pA                                 | 1 pA                                   | 1 pA                                 |
| Amplifier Type              | General Purpose                      | General Purpose                      | General Purpose                        | General Purpose                      |
| Voltage - Supply Span (Max) | 5.5 V                                | 5.5 V                                | 5.5 V                                  | 5.5 V                                |
| Voltage - Supply Span (Min) | 2.7 V                                | 2.7 V                                | 2.7 V                                  | 2.7 V                                |

### MAX4477ASA+T Datasheet PDF

Download MAX4477ASA+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4477ASA+T - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX4475-78/88/89.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

## Other Related Documents



Automotive Product Guide.pdf

## Application Notes



Gamma-Photon Radiation Detector.pdf



Overview of Sensor Signal Paths.pdf



HFAN-08.2.0: How to Control and Compensate a Therm.pdf

## Customers Also Interested in

### Recommended Products



#### MAX4478AUD

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 4 CIRCUIT 14TSSOP



#### MAX4475AUA+T

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT 8UMAX



#### MAX4475ASA+T

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT 8SOIC



#### MAX4478ASD+

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 4 CIRCUIT 14SOIC



#### MAX4478AUD+T

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 4 CIRCUIT 14TSSOP



#### MAX4477ASA

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8SOIC



#### MAX4478ASD+T

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 4 CIRCUIT 14SOIC



#### MAX4478AUD+

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 4 CIRCUIT 14TSSOP



#### MAX4477AUA+T

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8UMAX



#### MAX4475ASA+

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT 8SOIC



#### MAX4477AUA

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8UMAX



#### MAX4475AUA+

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT 8UMAX



#### MAX4477AUA+

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8UMAX



#### MAX4475AUT+T

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT SOT6



#### MAX4475AUT/V+T

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 1 CIRCUIT SOT6



#### MAX4478ASD

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 4 CIRCUIT 14SOIC



#### MAX4475ASA

Analog Devices / Maxim Integrated



#### MAX4477ASA+

Analog Devices Inc./Maxim Integrated  
IC OPAMP GP 2 CIRCUIT 8SOIC

## 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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