

Image may be representation.
See specifications for product details.



MAX4478ASD+T

Manufacturer Part Number	MAX4478ASD+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX4478ASD+T
ECAD Model	Request Free CAD Models
Parts Description	IC OPAMP GP 4 CIRCUIT 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	MAX4475-78/88/89.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX4478ASD+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4478ASD+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX4478ASD+T, please send us email: info@allelco.com

Specifications

MAX4478ASD+T Tech Specifications
MAX4478ASD+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	4
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	70 µV	Gain Bandwidth Product	10 MHz
Supplier Device Package	14-SOIC	Current - Supply	2.5mA (x4 Channels)
Slew Rate	3V/µs	Current - Output / Channel	48 mA
Series	-	Current - Input Bias	1 pA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	MAX4478
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 MAX4478ASD+T

Product Attribute				
Part Number	MAX4478ASD+T	MAX4481AUT+T	MAX4478AUD+	MAX4480AXK+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Base Product Number	MAX4478	MAX448	MAX4478	MAX448
Package / Case	14-SOIC (0.154", 3.90mm Width)	SOT-23-6	14-TSSOP (0.173", 4.40mm Width)	5-TSSOP, SC-70-5, SOT-353
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Voltage - Supply Span (Min)	2.7 V	2.5 V	2.7 V	2.5 V
Supplier Device Package	14-SOIC	SOT-6	14-TSSOP	SC-70-5
Slew Rate	3V/µs	0.08V/µs	3V/µs	0.08V/µs
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Number of Circuits	4	1	4	1
Output Type	Push-Pull, Rail-to-Rail	Rail-to-Rail	Push-Pull, Rail-to-Rail	Rail-to-Rail
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Series	-	-	-	-
Current - Input Bias	1 pA	0.1 pA	1 pA	0.1 pA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output / Channel	48 mA	17 mA	48 mA	17 mA
Current - Supply	2.5mA (x4 Channels)	50µA	2.5mA (x4 Channels)	50µA
Voltage - Input Offset	70 µV	1 mV	70 µV	1 mV
Gain Bandwidth Product	10 MHz	140 kHz	10 MHz	140 kHz

MAX4478ASD+T Datasheet PDF

Download MAX4478ASD+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4478ASD+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



Introduction to Ventilators and Ventilation Rate M.pdf



Overview of Sensor Signal Paths.pdf

Customers Also Interested in

Recommended Products



MAX4481AUT+T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT SOT23-6



MAX4478AUD+

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



MAX4480AXK+T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT SC70-5



MAX4480AUK+T

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT SOT23-5



MAX4477AUA+

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



MAX4478AUD+T

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



MAX4478ASD

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



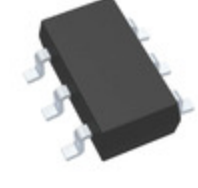
MAX4477AUA+T

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



MAX4478AUD

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



MAX4475AUT+T

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



MAX4477ASA+T

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



MAX4477ASA+

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



MAX4480AXK

Analog Devices Inc./Maxim Integrated
IC OPAMP GP 1 CIRCUIT SC70-5



MAX4475AUT/V+T

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



MAX4477AUA

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



MAX4477ASA

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



MAX4478AUD/V+T

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

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

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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