



Image may be representation.
See specifications for product details.



MAX412ESA

Manufacturer Part Number	MAX412ESA
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX412ESA
ECAD Model	Request Free CAD Models
Parts Description	IC OPAMP GP 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	MAX410-414.pdf

Get a Quote

MAX412ESA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX412ESA datasheet/specifications on AllelcoElec.com.
Request a quote for MAX412ESA, please send us email: info@allelco.com

Specifications

MAX412ESA Tech Specifications

MAX412ESA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 85°C
Voltage - Supply Span (Min)	4.8 V	Number of Circuits	2
Voltage - Supply Span (Max)	10.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	120 µV	Gain Bandwidth Product	28 MHz
Supplier Device Package	8-SOIC	Current - Supply	2.5mA (x2 Channels)
Slew Rate	4.5V/µs	Current - Output / Channel	35 mA
Series	-	Current - Input Bias	80 nA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MAX412
Package	Tube	Amplifier Type	General Purpose
Output Type	-		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX412ESA

Product Attribute				
Part Number	MAX412ESA	MAX4130EUK	MAX412BCSA+T	MAX412BESA
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Current - Input Bias	80 nA	50 nA	80 nA	80 nA
Number of Circuits	2	1	2	2
Voltage - Supply Span (Max)	10.5 V	6.5 V	10.5 V	10.5 V
Voltage - Input Offset	120 µV	350 µV	120 µV	120 µV
Series	-	-	-	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC	SOT-23-5	8-SOIC	8-SOIC
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Bulk	Tape & Reel (TR)	Tube
Slew Rate	4.5V/µs	4V/µs	4.5V/µs	4.5V/µs
Output Type	-	Rail-to-Rail	-	-
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Supply Span (Min)	4.8 V	2.7 V	4.8 V	4.8 V
Gain Bandwidth Product	28 MHz	10 MHz	28 MHz	28 MHz
Base Product Number	MAX412	-	MAX412	MAX412
Current - Supply	2.5mA (x2 Channels)	1mA	2.5mA (x2 Channels)	2.5mA (x2 Channels)
Current - Output / Channel	35 mA	50 mA	35 mA	35 mA

MAX412ESA Datasheet PDF

Download MAX412ESA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX412ESA - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX410-414.pdf](#)


Environmental Information

[Maxim Integrated REACH.pdf](#)


[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)



















 Mult Dev OBS 15/Jul/2015.pdf

Application Notes

 Add Digital Adjustment to Continuous-Time Filters.pdf

Customers Also Interested in

Recommended Products

 MAX4130EUK Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT SOT23-5	 MAX412BCSA+T Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8SOIC	 MAX412BESA Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8SOIC	 MAX412ESA+ Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8SOIC	 MAX412CPA Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8DIP	 MAX4130EUK-T Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT SOT23-5
 MAX412CSA Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8SOIC	 MAX4130EUK+T Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT SOT23-5	 MAX412ESA+T Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8SOIC	 MAX412CSA+ Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8SOIC	 MAX412CSA+T Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8SOIC	 MAX4131EBT+T Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 6WLP
 MAX412CPA+ Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8DIP	 MAX4129ESD+T Analog Devices Inc./Maxim Integrated IC OPAMP GP 4 CIRCUIT 14SOIC	 MAX4131EBT+ Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 6UCSP	 MAX412EPA Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8DIP	 MAX4131ESA Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8SOIC	 MAX4131ESA+ Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 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
+00852 9146 4856
-  Email
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Certifications & Memberships



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Contact us

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