



# MAX4165EUK

Manufacturer Part Number	<b>MAX4165EUK</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX4165EUK
ECAD Model	Request Free CAD Models
Parts Description	IC OPAMP GP 1 CIRCUIT SOT23-5
Package	SC-74A, SOT-753
Data sheet	MAX4165EUK.pdf



**Get a Quote**

MAX4165EUK - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX4165EUK datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX4165EUK, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX4165EUK Tech Specifications  
MAX4165EUK - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Type	Rail-to-Rail
Voltage - Supply Span (Min)	2.7 V	Operating Temperature	-40°C ~ 85°C
Voltage - Supply Span (Max)	6.5 V	Number of Circuits	1
Voltage - Input Offset	350 µV	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-5	Gain Bandwidth Product	5 MHz
Slew Rate	2V/µs	Current - Supply	1.3mA
Series	-	Current - Output / Channel	125 mA
Package / Case	SC-74A, SOT-753	Current - Input Bias	50 nA
Package	Bulk	Amplifier Type	General Purpose

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4165EUK

Product Attribute				
Part Number	MAX4165EUK	MAX4166ELA+T	MAX4163EUA	MAX4164ESD
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Gain Bandwidth Product	5 MHz	5 MHz	200 kHz	200 kHz
Current - Output / Channel	125 mA	125 mA	15 mA	15 mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Bulk	Tape & Reel (TR)	Tube	Tube
Slew Rate	2V/µs	2V/µs	0.115V/µs	0.115V/µs
Voltage - Supply Span (Min)	2.7 V	2.7 V	2.5 V	2.5 V
Current - Supply	1.3mA	1.3mA	25µA (x2 Channels)	25µA (x4 Channels)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Supply Span (Max)	6.5 V	6.5 V	10 V	10 V
Series	-	-	-	-
Number of Circuits	1	1	2	4
Supplier Device Package	SOT-23-5	8-µDFN (2x2)	8-uMAX/uSOP	14-SOIC
Current - Input Bias	50 nA	50 nA	1 pA	1 pA
Package / Case	SC-74A, SOT-753	8-WDFDN	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	14-SOIC (0.154", 3.90mm Width)
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Voltage - Input Offset	350 µV	350 µV	500 µV	500 µV

## Customers Also Interested in

### Recommended Products

<b>MAX4166ELA+T</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8UDFN	<b>MAX4163EUA</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8UMAX	<b>MAX4164ESD</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 4 CIRCUIT 14SOIC	<b>MAX4166ESA</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8SOIC	<b>MAX4166ESA+</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT 8SOIC	<b>MAX4164ESD+</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 4 CIRCUIT 14SOIC
<b>MAX4163EUA+T</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8UMAX	<b>MAX4163ESA+T</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8SOIC	<b>MAX4167ESA</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8SOIC	<b>MAX4163ESA+</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8SOIC	<b>MAX4163EUA-T</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 2 CIRCUIT 8UMAX	<b>MAX4165EUK+T</b> Analog Devices Inc./Maxim Integrated IC OPAMP GP 1 CIRCUIT SOT23-5



### MAX4163EUA+

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



### MAX4167EPA

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



### MAX4165EUK-T

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



### MAX4164ESD+T

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



### MAX4163ESA

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



### MAX4166EUA

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

## 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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### Certifications & Memberships



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