



Image may be representation.
See specifications for product details.



MAX4659EUA

Manufacturer Part Number	MAX4659EUA
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX4659EUA
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPDT X 1 250HM 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	MAX4659-60.pdf

Get a Quote

MAX4659EUA - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4659EUA datasheet/specifications on AllelcoElec.com.
Request a quote for MAX4659EUA, please send us email: info@allelco.com

Specifications

MAX4659EUA Tech Specifications
MAX4659EUA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	1
Voltage - Supply, Single (V+)	9V ~ 40V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	-	Current - Leakage (IS(off)) (Max)	1nA
Switch Circuit	SPDT	Crosstalk	-76dB @ 1MHz
Supplier Device Package	8-uMAX/uSOP	Charge Injection	1.5pC
Series	-	Channel-to-Channel Matching (ΔRon)	400mOhm
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Channel Capacitance (CS(off), CD(off))	6pF
Package	Tube	Base Product Number	MAX465
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	225MHz
On-State Resistance (Max)	250hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4659EUA

Product Attribute				
Part Number	MAX4659EUA	MAX4659EUA+T	MAX465CNG	MAX4661CAE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	-	-	-	-
Channel Capacitance (CS(off), CD(off))	6pF	6pF	6pF, 6pF	55pF, 55pF
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Base Product Number	MAX465	MAX4659	-	MAX4661
-3db Bandwidth	225MHz	225MHz	225MHz	-
Charge Injection	1.5pC	1.5pC	1.5pC	300pC
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±4.5V ~ 20V	-	±4.5V ~ 20V
Switch Circuit	SPDT	SPDT	SPDT	SPST - NC
On-State Resistance (Max)	250hm	250hm	250hm	2.50hm
Voltage - Supply, Single (V+)	9V ~ 40V	9V ~ 40V	4.75V ~ 5.25V	4.5V ~ 36V
Multiplexer/Demultiplexer Circuit	2:1	2:1	2:1	1:1
Switch Time (Ton, Toff) (Max)	-	-	-	275ns, 175ns
Package	Tube	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Crosstalk	-76dB @ 1MHz	-76dB @ 1MHz	-76dB @ 1MHz	-59dB @ 1MHz
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Current - Leakage (IS(off)) (Max)	1nA	1nA	1nA	500pA
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	24-DIP (0.300", 7.62mm)	16-SSOP (0.209", 5.30mm Width)
Supplier Device Package	8-uMAX/uSOP	8-uMAX/uSOP	24-PDIP	16-SSOP
Number of Circuits	1	1	1	4
Channel-to-Channel Matching (ΔRon)	400mOhm	400mOhm	400mOhm	100mOhm

MAX4659EUA Datasheet PDF

Download MAX4659EUA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4659EUA - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX4659-60.pdf](#)

Environmental Information



















[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

 Mult Device EOL 3/Jan/2017.pdf

Customers Also Interested in

Recommended Products

					
MAX4659EUA+T Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 250HM 8UMAX	MAX465CNG Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 250HM 24DIP	MAX4661CAE+T Analog Devices Inc./Maxim Integrated IC SW SPST-NCX4 2.50HM 16SSOP	MAX4660ESA+ Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 250HM 8SOIC	MAX4658ESA+T Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX1 100HM 8SOIC	MAX4659ESA+T Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 250HM 8SOIC
					
MAX4657ESA Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX1 100HM 8SOIC	MAX4661CAE Analog Devices Inc./Maxim Integrated IC SW SPST-NCX4 2.50HM 16SSOP	MAX4659EUA+ Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 250HM 8UMAX	MAX4658EUA+ Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX1 100HM 8UMAX	MAX4658ESA+ Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX1 100HM 8SOIC	MAX4657EUA+ Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX1 100HM 8UMAX
					
MAX4658ESA Analog Devices / Maxim Integrated	MAX465CWG-T Analog Devices / Maxim Integrated	MAX4658EUA+T Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX1 100HM 8UMAX	MAX4659ESA Analog Devices / Maxim Integrated	MAX4658EUA Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX1 100HM 8UMAX	MAX465CWG Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 1 250HM 24DIP

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


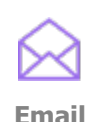
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



View More

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