



Image may be representation.  
See specifications for product details.



## MAX4639EUE+

Manufacturer Part Number	<b>MAX4639EUE+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX4639EUE+
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SP4TX2 3.5OHM 16TSSOP
Package	16-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>MAX4638-39.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX4639EUE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4639EUE+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX4639EUE+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX4639EUE+ Tech Specifications

MAX4639EUE+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	2
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	Multiplexer/Demultiplexer Circuit	4:1
Voltage - Supply, Dual (V±)	±2.5V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	18ns, 7ns	Current - Leakage (IS(off)) (Max)	250pA
Switch Circuit	SP4T	Crosstalk	-85dB @ 1MHz
Supplier Device Package	16-TSSOP	Charge Injection	13pC
Series	-	Channel-to-Channel Matching (ΔRon)	100mOhm
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	9pF, 20pF
Package	Tube	Base Product Number	MAX4639
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	85MHz
On-State Resistance (Max)	3.50hm		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4639EUE+

Product Attribute				
Part Number	MAX4639EUE+	MAX4638ETE+T	MAX4639EUE+T	MAX4641EUA+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Channel Capacitance (CS(off), CD(off))	9pF, 20pF	9pF, 40pF	9pF, 20pF	7pF, 7pF
Switch Time (Ton, Toff) (Max)	18ns, 7ns	18ns, 7ns	18ns, 7ns	15ns, 8ns
Switch Circuit	SP4T	-	SP4T	SPST - NO
Current - Leakage (IS(off)) (Max)	250pA	250pA	250pA	250pA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
On-State Resistance (Max)	3.50hm	3.50hm	3.50hm	40hm
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Channel-to-Channel Matching (ΔRon)	100mOhm	100mOhm	100mOhm	200mOhm
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Package / Case	16-TSSOP (0.173", 4.40mm Width)	16-WQFN Exposed Pad	16-TSSOP (0.173", 4.40mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Multiplexer/Demultiplexer Circuit	4:1	8:1	4:1	1:1
Crosstalk	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz	-97dB @ 1MHz
Supplier Device Package	16-TSSOP	16-TQFN (4x4)	16-TSSOP	8-uMAX/uSOP
Charge Injection	13pC	13pC	13pC	2pC
Voltage - Supply, Dual (V±)	±2.5V	±2.5V	±2.5V	-
Number of Circuits	2	1	2	2
Series	-	-	-	-
Base Product Number	MAX4639	MAX4638	MAX4639	MAX4641
-3db Bandwidth	85MHz	50MHz	85MHz	-

## MAX4639EUE+ Datasheet PDF

Download MAX4639EUE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4639EUE+ - Analog Devices Inc./Maxim Integrated.

### Datasheets


[MAX4638-39.pdf](#)

### Environmental Information


[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

## Part Numbering Guide

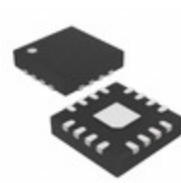




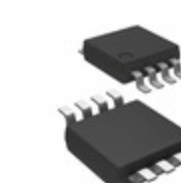



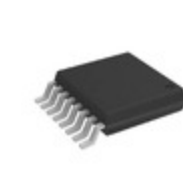






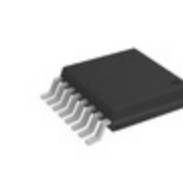

 Part Numbering System.pdf

## Application Notes

 Analog ICs for Low Voltage Systems.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MAX4638ETE+T</b> Analog Devices Inc./Maxim Integrated IC MUX 8:1 3.5OHM 16TQFN	<b>MAX4639EUE+T</b> Analog Devices Inc./Maxim Integrated IC SWITCH SP4TX2 3.5OHM 16TSSOP	<b>MAX4641EUA+T</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NO X 2 4OHM 8UMAX	<b>MAX4642EUA+</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NC X 2 4OHM 8UMAX	<b>MAX4641EUA-T</b> Analog Devices Inc./Maxim Integrated IC SW SPST-NOX2 4OHM 8UMAX	<b>MAX4642EUA</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NC X 2 4OHM 8UMAX
					
<b>MAX4638EUE</b> Analog Devices Inc./Maxim Integrated IC SW SP8T-NOX1 3.5OHM 16TSSOP	<b>MAX4636EUB</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 2 4OHM 10UMAX	<b>MAX463CWG</b> Analog Devices Inc./Maxim Integrated 2-CH TRIPLE RGB SWITCH + BUFFER	<b>MAX4638EUE+T</b> Analog Devices Inc./Maxim Integrated IC MUX 8:1 3.5OHM 16TSSOP	<b>MAX4636EUB+</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 2 4OHM 10UMAX	<b>MAX4639ESE+T</b> Analog Devices Inc./Maxim Integrated IC SWITCH SP4T X 2 3.5OHM 16SOIC
					
<b>MAX4639ESE+</b> Analog Devices Inc./Maxim Integrated IC SWITCH SP4T X 2 3.5OHM 16SOIC	<b>MAX4641EUA</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NO X 2 4OHM 8UMAX	<b>MAX4641EUA+</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NO X 2 4OHM 8UMAX	<b>MAX4636EUB+T</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPDT X 2 4OHM 10UMAX	<b>MAX4638EUE+</b> Analog Devices Inc./Maxim Integrated IC MUX 8:1 3.5OHM 16TSSOP	<b>MAX463EWG</b> Analog Devices Inc./Maxim Integrated IC TRIPLE VIDEO BUFFER S024

## 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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