

Image may be representation.  
See specifications for product details.



## MAX4635EUB+T

Manufacturer Part Number	<b>MAX4635EUB+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX4635EUB+T
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPDT X 2 4OHM 10UMAX
Package	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX4635EUB+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4635EUB+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX4635EUB+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX4635EUB+T Tech Specifications

MAX4635EUB+T - 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	2:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	14ns, 6ns	Current - Leakage (IS(off)) (Max)	100pA
Switch Circuit	SPDT	Crosstalk	-67dB @ 1MHz
Supplier Device Package	10-uMAX/uSOP	Charge Injection	2pC
Series	-	Channel-to-Channel Matching (ΔRon)	100mOhm
Package / Case	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	Channel Capacitance (CS(off), CD(off))	9pF
Package	Tape & Reel (TR)	Base Product Number	MAX4635
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	40hm		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4635EUB+T

Product Attribute				
Part Number	MAX4635EUB+T	MAX4638EUE+T	MAX4635ETB+T	MAX4639ESE+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Series	-	-	-	-
Switch Circuit	SPDT	-	SPDT	SP4T
Channel Capacitance (CS(off), CD(off))	9pF	9pF, 40pF	9pF	9pF, 20pF
Package / Case	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	16-TSSOP (0.173', 4.40mm Width)	10-WDFN Exposed Pad	16-SOIC (0.154', 3.90mm Width)
Multiplexer/Demultiplexer Circuit	2:1	8:1	2:1	4:1
Supplier Device Package	10-uMAX/uSOP	16-TSSOP	10-TDFN (3x3)	16-SOIC
Voltage - Supply, Dual (V±)	-	±2.5V	-	±2.5V
On-State Resistance (Max)	40hm	3.50hm	40hm	3.50hm
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	100mOhm
Current - Leakage (IS(off)) (Max)	100pA	250pA	100pA	250pA
-3db Bandwidth	-	50MHz	-	85MHz
Number of Circuits	2	1	2	2
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Crosstalk	-67dB @ 1MHz	-85dB @ 1MHz	-67dB @ 1MHz	-85dB @ 1MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Charge Injection	2pC	13pC	2pC	13pC
Switch Time (Ton, Toff) (Max)	14ns, 6ns	18ns, 7ns	14ns, 6ns	18ns, 7ns
Base Product Number	MAX4635	MAX4638	MAX4635	MAX4639

## MAX4635EUB+T Datasheet PDF

Download MAX4635EUB+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4635EUB+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

Cylindrical Battery Holders.pdf


### Environmental Information

Maxim Integrated REACH.pdf


Maxim Integrated RoHS Cert.pdf

Red Phosphorous Certificate.pdf

## Part Numbering Guide

 Part Numbering System.pdf

## Application Notes

 Easy Modifications to Sustain a Design with the DS.pdf

## Customers Also Interested in

### Recommended Products



#### MAX4638EUE+T

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 3.5OHM 16TSSOP



#### MAX4635ETB+T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDT X 2 4OHM 10TDFN



#### MAX4639ESE+

Analog Devices Inc./Maxim Integrated  
IC SWITCH SP4T X 2 3.5OHM 16SOIC



#### MAX4634EUB

Analog Devices Inc./Maxim Integrated  
IC SWITCH SP4T X 1 4OHM 10UMAX



#### MAX4638EUE+

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 3.5OHM 16TSSOP



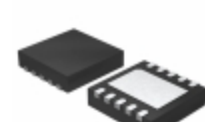
#### MAX4634ETB-T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SP4T X 1 4OHM 10TDFN



#### MAX4635EUB+

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDT X 2 4OHM 10UMAX



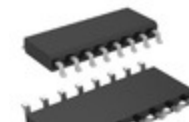
#### MAX4636ETB+T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDT X 2 4OHM 10TDFN



#### MAX4634EUB+

Analog Devices Inc./Maxim Integrated  
IC SWITCH SP4T X 1 4OHM 10UMAX



#### MAX4631ESE+T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPST-NOX2 85OHM 16SOIC



#### MAX4636EUB

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDT X 2 4OHM 10UMAX



#### MAX4636EUB+

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDT X 2 4OHM 10UMAX



#### MAX4634EUB+T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SP4T X 1 4OHM 10UMAX



#### MAX4638EUE

Analog Devices Inc./Maxim Integrated  
IC SW SP8T-NOX1 3.5OHM 16TSSOP



#### MAX4632CSE

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDT X 2 85OHM 16SOIC



#### MAX4638ETE+T

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 3.5OHM 16TQFN



#### MAX4636EUB+T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDT X 2 4OHM 10UMAX



#### MAX4634ETB+T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SP4T X 1 4OHM 10TDFN

## 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

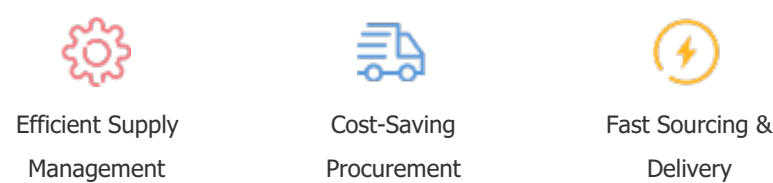
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

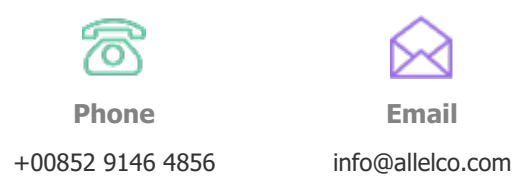
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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