



Image may be representation.  
See specifications for product details.



## MAX4684EUB+T

Manufacturer Part Number	<b>MAX4684EUB+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX4684EUB+T
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPDTX2 800MOHM 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**

MAX4684EUB+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX4684EUB+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX4684EUB+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX4684EUB+T Tech Specifications

MAX4684EUB+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)	50ns, 30ns	Current - Leakage (IS(off)) (Max)	1nA
Switch Circuit	SPDT	Crosstalk	-68dB @ 100kHz
Supplier Device Package	10-uMAX/uSOP	Charge Injection	200pC
Series	-	Channel-to-Channel Matching ( $\Delta$ Ron)	60mOhm
Package / Case	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	Channel Capacitance (CS(off), CD(off))	84pF, 37pF
Package	Tape & Reel (TR)	Base Product Number	MAX4684
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	800mOhm		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX4684EUB+T

Product Attribute				
Part Number	MAX4684EUB+T	MAX4685EUB	MAX4684EBC-T	MAX4685EBC-T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Multiplexer/Demultiplexer Circuit	2:1	-	2:1	2:1
On-State Resistance (Max)	800mOhm	-	800mOhm	500mOhm
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	-	1.8V ~ 5.5V	1.8V ~ 5.5V
Base Product Number	MAX4684	MAX468	MAX4685	-
Package	Tape & Reel (TR)	Strip	Tube	Bulk
Switch Time (Ton, Toff) (Max)	50ns, 30ns	-	50ns, 30ns	50ns, 30ns
Voltage - Supply, Dual (V±)	-	-	-	-
-3db Bandwidth	-	-	-	-
Current - Leakage (IS(off)) (Max)	1nA	-	1nA	1nA
Package / Case	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	-	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	10-WFBGA, CSPBGA
Charge Injection	200pC	-	200pC	200pC
Channel Capacitance (CS(off), CD(off))	84pF, 37pF	-	84pF, 37pF	84pF
Channel-to-Channel Matching ( $\Delta$ Ron)	60mOhm	-	60mOhm	60mOhm (Max)
Crosstalk	-68dB @ 100kHz	-	-68dB @ 100kHz	-68dB @ 100kHz
Series	-	*	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of Circuits	2	-	2	2
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Supplier Device Package	10-uMAX/uSOP	-	10-uMAX/uSOP	10-UCSP
Switch Circuit	SPDT	-	SPDT	SPDT - NO/NC

## MAX4684EUB+T Datasheet PDF

Download MAX4684EUB+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX4684EUB+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

 Selecting the Right CMOS Analog Switch.pdf

## Customers Also Interested in

### Recommended Products



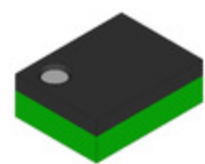
#### MAX4685EBC+T

Analog Devices Inc./Maxim Integrated  
IC SWITCH DUAL SPDT 12UCSP



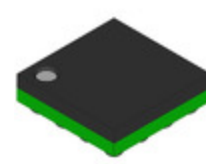
#### MAX4685EUB

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDTX2 800MOHM 10UMAX



#### MAX4684EBC-T

Analog Devices Inc./Maxim Integrated  
IC SW SPDT-NO/NCX2 500MOHM 10CSP



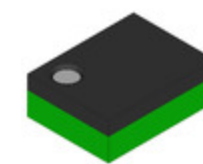
#### MAX4688EBT-T

Analog Devices Inc./Maxim Integrated  
IC SW SPDT-NO/NCX1 2.5OHM 6UCSP



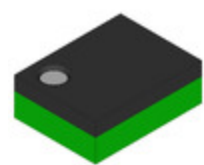
#### MAX4685EUB+T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDTX2 800MOHM 10UMAX



#### MAX4684EBC-T10

Analog Devices Inc./Maxim Integrated  
0.5 OHM/0.8 OHM LOW VOLTAGE, DUA



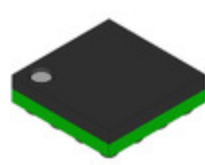
#### MAX4684EBC

Analog Devices Inc./Maxim Integrated  
IC SW SPDT-NO/NCX2 800MOHM 10CSP



#### MAX4685EUB+

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDTX2 800MOHM 10UMAX



#### MAX4686EBT-T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPST-NOX1 2.5OHM 6UCSP



#### MAX4684EUB+

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDTX2 800MOHM 10UMAX



#### MAX4684EUB

Analog Devices Inc./Maxim Integrated  
IC SW SPDT-NO/NC 500MOHM 10UMAX



#### MAX4684ETB

Analog Devices Inc./Maxim Integrated  
IC SW SPDT-NO/NCX2 800MOHM 10DFN



#### MAX4684EBT+T

Analog Devices / Maxim Integrated



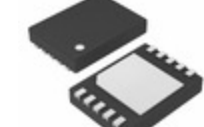
#### MAX4684EUB-T

Analog Devices Inc./Maxim Integrated  
IC SW SPDT-NO/NC 500MOHM 10UMAX



#### MAX4684EBC+T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDTX2 800MOHM 12UCSP



#### MAX4685ETB+T

Analog Devices Inc./Maxim Integrated  
IC SWITCH SPDTX2 800MOHM 10TDFN



#### MAX468CPE

Analog Devices Inc./Maxim Integrated  
IC 2CH QUAD VIDEO BUFF 16 DIP

## 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  
info@allelco.com

## Certifications & Memberships



[View More](#)

