

Image may be representation.  
See specifications for product details.



## MAX306EWI+T

Manufacturer Part Number	<b>MAX306EWI+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX306EWI+T
ECAD Model	Request Free CAD Models
Parts Description	IC MUX 16:1 100OHM 28SOIC
Package	28-SOIC (0.295', 7.50mm Width)
Data sheet	<b>MAX306,307.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX306EWI+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX306EWI+T datasheet/specifications on AllelcoElec.com. Request a quote for MAX306EWI+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX306EWI+T Tech Specifications

MAX306EWI+T - 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+)	5V ~ 30V	Multiplexer/Demultiplexer Circuit	16:1
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	200ns, 150ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	-	Crosstalk	-92dB @ 100kHz
Supplier Device Package	28-SOIC	Charge Injection	2pC
Series	-	Channel-to-Channel Matching (ΔRon)	1.50hm
Package / Case	28-SOIC (0.295', 7.50mm Width)	Channel Capacitance (CS(off), CD(off))	8pF, 130pF
Package	Tape & Reel (TR)	Base Product Number	MAX306
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	1000hm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX306EWI+T

Product Attribute				
Part Number	MAX306EWI+T	MAX306CWI+T	MAX306CWI	MAX306EWI+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Channel-to-Channel Matching (ΔRon)	1.50hm	1.50hm	1.50hm	1.50hm
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Charge Injection	2pC	2pC	2pC	2pC
Voltage - Supply, Single (V+)	5V ~ 30V	5V ~ 30V	5V ~ 30V	5V ~ 30V
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
Multiplexer/Demultiplexer Circuit	16:1	16:1	16:1	16:1
Supplier Device Package	28-SOIC	28-SOIC	28-SOIC	28-SOIC
Base Product Number	MAX306	MAX306	MAX306	MAX306
Package / Case	28-SOIC (0.295', 7.50mm Width)	28-SOIC (0.295", 7.50mm Width)	28-SOIC (0.295', 7.50mm Width)	28-SOIC (0.295', 7.50mm Width)
Series	-	-	-	-
Crosstalk	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz
Number of Circuits	1	1	1	1
Switch Time (Ton, Toff) (Max)	200ns, 150ns	200ns, 150ns	200ns, 150ns	200ns, 150ns
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Switch Circuit	-	-	-	-
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
Channel Capacitance (CS(off), CD(off))	8pF, 130pF	8pF, 130pF	8pF, 130pF	8pF, 130pF
On-State Resistance (Max)	1000hm	1000hm	1000hm	1000hm
-3db Bandwidth	-	-	-	-

### MAX306EWI+T Datasheet PDF

Download MAX306EWI+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX306EWI+T - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX306,307.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)



















[Red Phosphorous Certificate.pdf](#)

## Part Numbering Guide

 Part Numbering System.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MAX3070EESD</b> Analog Devices / Maxim Integrated	<b>MAX3071EASA</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 8SOIC	<b>MAX306CWI+T</b> Analog Devices Inc./Maxim Integrated IC MUX 16:1 100OHM 28SOIC	<b>MAX306CWI</b> Analog Devices Inc./Maxim Integrated IC MUX 16:1 100OHM 28SOIC	<b>MAX3070EAPD+</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 14DIP	<b>MAX306EWI+</b> Analog Devices Inc./Maxim Integrated IC MUX 16:1 100OHM 28SOIC
					
<b>MAX306CPI+</b> Analog Devices Inc./Maxim Integrated IC MUX 16:1 100OHM 28DIP	<b>MAX3070EASD</b> Analog Devices / Maxim Integrated	<b>MAX306EWI</b> Analog Devices / Maxim Integrated	<b>MAX306EQI+T</b> Analog Devices Inc./Maxim Integrated IC MUX 16:1 100OHM 28PLCC	<b>MAX3070EESD+T</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 14SO	<b>MAX306EUI+T</b> Analog Devices Inc./Maxim Integrated IC MUX 16:1 100OHM 28TSSOP
					
<b>MAX3070EESD+</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 14SOIC	<b>MAX306CWI+</b> Analog Devices Inc./Maxim Integrated IC MUX 16:1 100OHM 28SOIC	<b>MAX3071EASA+</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 1/1 8SOIC	<b>MAX306EQI+</b> Analog Devices Inc./Maxim Integrated IC MUX 16:1 100OHM 28PLCC	<b>MAX3070E</b> Analog Devices / Maxim Integrated	<b>MAX306EQI</b> Analog Devices Inc./Maxim Integrated IC MUX 16:1 100OHM 28PLCC

## 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

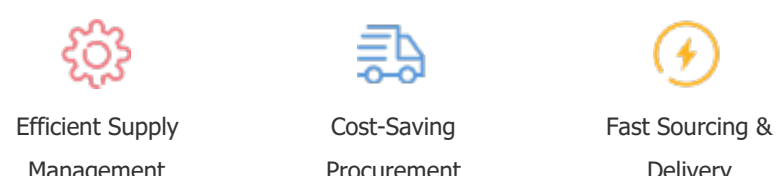
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

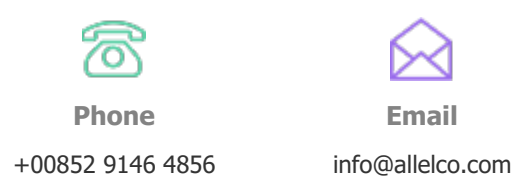
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



[View More](#)