



Image may be representation.  
See specifications for product details.



## MAX7310AUE+

Manufacturer Part Number	<b>MAX7310AUE+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX7310AUE+
ECAD Model	Request Free CAD Models
Parts Description	IC XPND 400KHZ I2C SMBUS 16TSSOP
Package	16-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>MAX7310.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX7310AUE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX7310AUE+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX7310AUE+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX7310AUE+ Tech Specifications

MAX7310AUE+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of I/O	8
Voltage - Supply	2.3V ~ 5.5V	Mounting Type	Surface Mount
Supplier Device Package	16-TSSOP	Interrupt Output	No
Series	-	Interface	I <sup>2</sup> C, SMBus
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Features	POR
Package	Tube	Current - Output Source/Sink	18mA, 30mA
Output Type	Open Drain, Push-Pull	Clock Frequency	400 kHz
Operating Temperature	-40°C ~ 125°C	Base Product Number	MAX7310

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX7310AUE+

Product Attribute				
Part Number	MAX7310AUE+	MAX7312AAG	MAX7310AUE+T	MAX7310AEE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Tube	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Number of I/O	8	16	8	8
Interface	I <sup>2</sup> C, SMBus	I <sup>2</sup> C, SMBus	I <sup>2</sup> C, SMBus	I <sup>2</sup> C, SMBus
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Base Product Number	MAX7310	-	MAX7310	MAX7310
Series	-	-	-	-
Interrupt Output	No	Yes	No	No
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	2.3V ~ 5.5V	2V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Supplier Device Package	16-TSSOP	24-SSOP	16-TSSOP	16-QSOP
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Output Type	Open Drain, Push-Pull	Open Drain, Push-Pull	Open Drain, Push-Pull	Open Drain, Push-Pull
Package / Case	16-TSSOP (0.173", 4.40mm Width)	24-SSOP (0.209", 5.30mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-SSOP (0.154", 3.90mm Width)
Features	POR	POR	POR	POR
Current - Output Source/Sink	18mA, 30mA	31mA, 43mA	18mA, 30mA	18mA, 30mA

### MAX7310AUE+ Datasheet PDF

Download MAX7310AUE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX7310AUE+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

MAX7310.pdf

#### Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

#### Part Numbering Guide

Part Numbering System.pdf





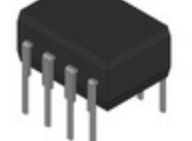













#### Application Notes

Driving LEDs with Push-Pull Port Expander Outputs.pdf

Port Expanders for Flip-Cell Phones Save Cost and .pdf

### Customers Also Interested in

## Recommended Products

					
<b>MAX7312AAG</b> Analog Devices Inc./Maxim Integrated I/O PORT EXPANDER	<b>MAX7310AUE+T</b> Analog Devices Inc./Maxim Integrated IC XPND 400KHZ I2C SMBUS 16TSSOP	<b>MAX730ESA</b> Analog Devices / Maxim Integrated	<b>MAX730ACPA+</b> Analog Devices Inc./Maxim Integrated IC REG BUCK 5V 450MA 8DIP	<b>MAX730AEPA</b> Analog Devices Inc./Maxim Integrated CURRENT-MODE PWM DC-DC CONVERTER	<b>MAX730ACSA</b> Analog Devices Inc./Maxim Integrated IC REG BUCK 5V 450MA 8SOIC
					
<b>MAX7311AAG</b> Analog Devices / Maxim Integrated	<b>MAX730ACSA+</b> Analog Devices Inc./Maxim Integrated IC REG BUCK 5V 450MA 8SOIC	<b>MAX7310AEE+T</b> Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 16QSOP	<b>MAX7310AUE</b> Analog Devices / Maxim Integrated	<b>MAX7310ATE</b> Analog Devices Inc./Maxim Integrated MULTI-PORT I/O EXPANDER	<b>MAX7310ATE+T</b> Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 16TQFN
					
<b>MAX7312ATG</b> Analog Devices Inc./Maxim Integrated I/O PORT EXPANDER	<b>MAX7311AUG+T</b> Analog Devices Inc./Maxim Integrated IC XPND 400KHZ I2C SMBUS 24TSSOP	<b>MAX7311AAG+</b> Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 24SSOP	<b>MAX7311ATG+T</b> Analog Devices Inc./Maxim Integrated IC XPNDR 400KHZ I2C SMBUS 24TQFN	<b>MAX730CPA</b> Analog Devices / Maxim Integrated	<b>MAX7311AUG+</b> Analog Devices Inc./Maxim Integrated IC XPND 400KHZ I2C SMBUS 24TSSOP

## 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.

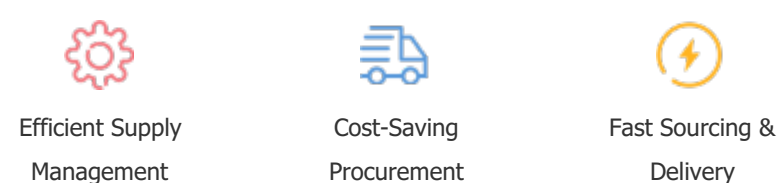
## Payment Support

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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