



Image may be representation.  
See specifications for product details.



## MAX7313AEG+T

Manufacturer Part Number	<b>MAX7313AEG+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX7313AEG+T
ECAD Model	Request Free CAD Models
Parts Description	IC XPNDR 400KHZ I2C SMBUS 24QSOP
Package	24-SSOP (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX7313AEG+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX7313AEG+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX7313AEG+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX7313AEG+T Tech Specifications  
MAX7313AEG+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of I/O	16
Voltage - Supply	2V ~ 3.6V	Mounting Type	Surface Mount
Supplier Device Package	24-QSOP	Interrupt Output	Yes
Series	-	Interface	I <sup>2</sup> C, SMBus
Package / Case	24-SSOP (0.154", 3.90mm Width)	Features	PWM
Package	Tape & Reel (TR)	Current - Output Source/Sink	50mA
Output Type	Open Drain	Clock Frequency	400 kHz
Operating Temperature	-40°C ~ 125°C	Base Product Number	MAX7313

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX7313AEG+T

Product Attribute				
Part Number	MAX7313AEG+T	<b>MAX7313ATG+</b>	<b>MAX7315AEE</b>	<b>MAX7312ATG+T</b>
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Supply	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 5.5V
Supplier Device Package	24-QSOP	24-TQFN (4x4)	16-QSOP	24-TQFN (4x4)
Interrupt Output	Yes	Yes	Yes	Yes
Package	Tape & Reel (TR)	Tube	Bulk	Tape & Reel (TR)
Current - Output Source/Sink	50mA	50mA	50mA	31mA, 43mA
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
Features	PWM	PWM	PWM	POR
Number of I/O	16	16	8	16
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Series	-	-	-	-
Output Type	Open Drain	Open Drain	Open Drain	Push-Pull
Base Product Number	MAX7313	MAX7313	-	MAX7312
Package / Case	24-SSOP (0.154", 3.90mm Width)	24-WFQFN Exposed Pad	16-SSOP (0.154", 3.90mm Width)	24-WFQFN Exposed Pad

### MAX7313AEG+T Datasheet PDF

Download MAX7313AEG+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX7313AEG+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

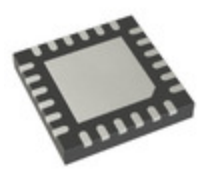
[Port Expanders for Flip-Cell Phones Save Cost and .pdf](#)

[Driving LEDs with Open Drain Port Expander Outputs.pdf](#)

[PWM Intensity Control for the MAX6964 LED Driver.pdf](#)

### Customers Also Interested in

## Recommended Products



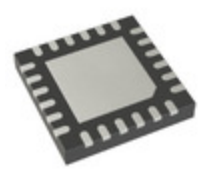
### MAX7313ATG+

Analog Devices Inc./Maxim Integrated  
IC XPNDR 400KHZ I2C SMBUS 24TQFN



### MAX7315AEE

Analog Devices Inc./Maxim Integrated  
8-PORT I/O EXPANDER



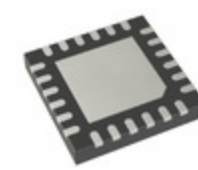
### MAX7312ATG+T

Analog Devices Inc./Maxim Integrated  
IC XPNDR 400KHZ I2C SMBUS 24TQFN



### MAX7312AUG+

Analog Devices Inc./Maxim Integrated  
IC XPND 400KHZ I2C SMBUS 24TSSOP



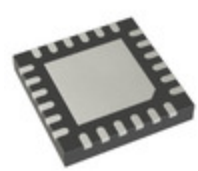
### MAX7314ATG+

Analog Devices Inc./Maxim Integrated  
IC XPNDR 400KHZ I2C 24TQFN



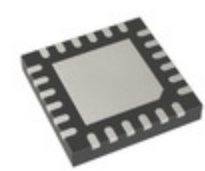
### MAX7313AEG+

Analog Devices Inc./Maxim Integrated  
IC XPNDR 400KHZ I2C SMBUS 24QSOP



### MAX7313DATG+T

Analog Devices Inc./Maxim Integrated  
IC XPNDR 400KHZ I2C SMBUS 24TQFN



### MAX7314ATG+T

Analog Devices Inc./Maxim Integrated  
IC XPNDR 400KHZ I2C 24TQFN



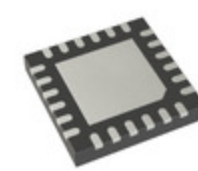
### MAX7312ATG-TS

Analog Devices / Maxim Integrated



### MAX7313AEG

Analog Devices / Maxim Integrated



### MAX7313ATG+T

Analog Devices Inc./Maxim Integrated  
IC XPNDR 400KHZ I2C SMBUS 24TQFN



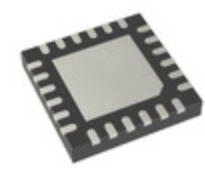
### MAX7312ATG

Analog Devices Inc./Maxim Integrated  
I/O PORT EXPANDER



### MAX7312AUG+T

Analog Devices Inc./Maxim Integrated  
IC XPND 400KHZ I2C SMBUS 24TSSOP



### MAX7313DATG+

Analog Devices Inc./Maxim Integrated  
IC XPNDR 400KHZ I2C SMBUS 24TQFN



### MAX7312AAG

Analog Devices Inc./Maxim Integrated  
I/O PORT EXPANDER



### MAX7311ETG-TS

Analog Devices / Maxim Integrated



### MAX7312AWG+

Analog Devices Inc./Maxim Integrated  
IC XPNDR 400KHZ I2C SMBUS 24SOIC



### MAX7314ATG

Analog Devices Inc./Maxim Integrated  
18-PORT GPIO

## 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.

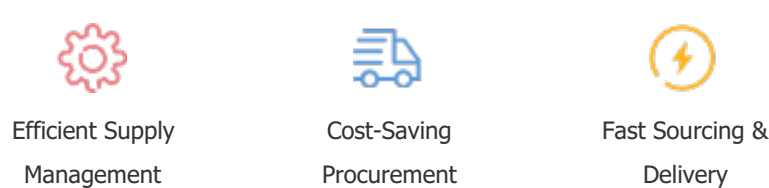
Contact us if you have any questions.

## Payment Support

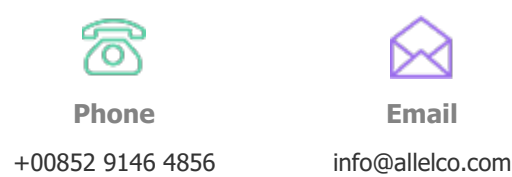
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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