



Image may be representation.  
See specifications for product details.



## MAX1623EAP

Manufacturer Part Number	<b>MAX1623EAP</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1623EAP
ECAD Model	Request Free CAD Models
Parts Description	IC REG BUCK ADJ/PROG 3A 20SSOP
Package	20-SSOP (0.209", 5.30mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

MAX1623EAP - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX1623EAP datasheet/specifications on AllelcoElec.com. Request a quote for MAX1623EAP, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX1623EAP Tech Specifications  
MAX1623EAP - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tube
Voltage - Output (Min/Fixed)	1.1V (2.525V, 3.33V)	Output Type	Adjustable (Programmable)
Voltage - Output (Max)	3.8V	Output Configuration	Positive
Voltage - Input (Min)	4.5V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	5.5V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	20-SSOP	Frequency - Switching	Up to 350kHz
Series	-	Current - Output	3A
Package / Case	20-SSOP (0.209", 5.30mm Width)	Base Product Number	MAX1623

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1623EAP

Product Attribute				
Part Number	MAX1623EAP	MAX1623EAP+	MAX1623EAP+T	MAX161ACPI+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Current - Output	3A	3A	3A	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Voltage - Output (Max)	3.8V	3.8V	3.8V	-
Series	-	-	-	-
Number of Outputs	1	1	1	-
Voltage - Output (Min/Fixed)	1.1V (2.525V, 3.33V)	1.1V (2.525V, 3.33V)	1.1V (2.525V, 3.33V)	-
Supplier Device Package	20-SSOP	20-SSOP	20-SSOP	28-PDIP
Package / Case	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)	28-DIP (0.600", 15.24mm)
Output Type	Adjustable (Programmable)	Adjustable (Programmable)	Adjustable (Programmable)	-
Frequency - Switching	Up to 350kHz	Up to 350kHz	Up to 350kHz	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C
Output Configuration	Positive	Positive	Positive	-
Topology	Buck	Buck	Buck	-
Voltage - Input (Min)	4.5V	4.5V	4.5V	-
Package	Tube	Tube	Tape & Reel (TR)	Tube
Base Product Number	MAX1623	MAX1623	MAX1623	MAX161
Synchronous Rectifier	Yes	Yes	Yes	-
Voltage - Input (Max)	5.5V	5.5V	5.5V	-
Function	Step-Down	Step-Down	Step-Down	-

### MAX1623EAP Datasheet PDF

Download MAX1623EAP pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1623EAP - Analog Devices Inc./Maxim Integrated.

#### Datasheets

Cylindrical Battery Holders.pdf


#### Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

Material Declaration MAX1623EAP.pdf


#### Part Numbering Guide

 Part Numbering System.pdf

## PCN Obsolescence/ EOL



















 Cylindrical Battery Holders.pdf

## Application Notes

 Dual Voltage Tracking Circuit for I/O, Microproces.pdf

## Customers Also Interested in

### Recommended Products

 <b>MAX161ACPI+</b> Analog Devices Inc./Maxim Integrated IC DAS 8BIT 8-CH 28-DIP	 <b>MAX161BCWI+</b> Analog Devices Inc./Maxim Integrated IC DAS 8BIT 8-CH 28-SOIC	 <b>MAX1620EEE-T</b> Analog Devices / Maxim Integrated	 <b>MAX1626ESA+</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 8SOIC	 <b>MAX1623EAP-T</b> Analog Devices / Maxim Integrated	 <b>MAX1621EEE</b> Analog Devices Inc./Maxim Integrated IC LCD BIAS SUPP DGTL ADJ 16QSOP
 <b>MAX1620EEE+T</b> Analog Devices Inc./Maxim Integrated IC LCD BIAS SUPP DGTL ADJ 16QSOP	 <b>MAX1623EAP+</b> Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ/PROG 3A 20SSOP	 <b>MAX1620EEE</b> Analog Devices / Maxim Integrated	 <b>MAX1626ESA-T</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 8SOIC	 <b>MAX1621EEE+</b> Analog Devices Inc./Maxim Integrated IC LCD BIAS SUPP DGTL ADJ 16QSOP	 <b>MAX1619MEE-T</b> Analog Devices / Maxim Integrated
 <b>MAX1623EAP+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ/PROG 3A 20SSOP	 <b>MAX1624EAG</b> Analog Devices Inc./Maxim Integrated IC CTRLR HS STPDWN SYNC 24-SSOP	 <b>MAX1626ESA+T</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 8SOIC	 <b>MAX1626ESA</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 8SOIC	 <b>MAX1620EEE+</b> Analog Devices Inc./Maxim Integrated IC LCD BIAS SUPP DGTL ADJ 16QSOP	 <b>MAX161CEWI+</b> Analog Devices Inc./Maxim Integrated IC DAS 8BIT 8-CH 20US 28-SOIC

## 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



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