



Image may be representation.  
See specifications for product details.



## MAX1675EUA

Manufacturer Part Number	<b>MAX1675EUA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1675EUA
ECAD Model	Request Free CAD Models
Parts Description	IC REG BST ADJ/PROG 360MA 8UMAX
Package	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

MAX1675EUA - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1675EUA datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX1675EUA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX1675EUA Tech Specifications  
MAX1675EUA - 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)	2V (3.3V, 5V)	Output Type	Adjustable (Programmable)
Voltage - Output (Max)	5.5V	Output Configuration	Positive
Voltage - Input (Min)	0.7V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	5.5V	Number of Outputs	1
Topology	Boost	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Up
Supplier Device Package	8-uMAX/uSOP	Frequency - Switching	Up to 500Hz
Series	-	Current - Output	360mA (Switch)
Package / Case	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	Base Product Number	MAX1675

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1675EUA

Product Attribute				
Part Number	MAX1675EUA	MAX1672EEE	MAX1672EEE-T	MAX1676EUB+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Function	Step-Up	Step-Up/Step-Down	Step-Up/Step-Down	Step-Up
Voltage - Input (Min)	0.7V	1.8V	1.8V	0.7V
Output Configuration	Positive	Positive	Positive	Positive
Synchronous Rectifier	Yes	No	No	Yes
Voltage - Input (Max)	5.5V	11V	11V	5.5V
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Output (Max)	5.5V	5.5V	5.5V	5.5V
Frequency - Switching	Up to 500Hz	-	-	Up to 500Hz
Package / Case	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	16-SSOP (0.154', 3.90mm Width)	16-SSOP (0.154', 3.90mm Width)	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)
Topology	Boost	Buck, Boost	Buck, Boost	Boost
Base Product Number	MAX1675	MAX1672	MAX1672	MAX1676
Supplier Device Package	8-uMAX/uSOP	16-QSOP	16-QSOP	10-uMAX/uSOP
Current - Output	360mA (Switch)	300mA	300mA	360mA (Switch), 750mA (Switch)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of Outputs	1	1	1	1
Series	-	-	-	-
Voltage - Output (Min/Fixed)	2V (3.3V, 5V)	1.25V (3.3V, 5.5V)	1.25V (3.3V, 5.5V)	2V (3.3V, 5V)
Output Type	Adjustable (Programmable)	Adjustable (Programmable)	Adjustable (Programmable)	Adjustable (Programmable)

### MAX1675EUA Datasheet PDF

Download MAX1675EUA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1675EUA - 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](#)

[Material Declaration MAX1675EUA.pdf](#)


## Part Numbering Guide

 Part Numbering System.pdf

## PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

## Application Notes

 Linear Regulators in Portable Applications.pdf

## Customers Also Interested in

### Recommended Products



#### MAX1672EEE

Analog Devices Inc./Maxim Integrated  
IC REG BUCK BST ADJ/PROG 16QSOP



#### MAX1672EEE-T

Analog Devices Inc./Maxim Integrated  
IC REG BUCK BST ADJ/PROG 16QSOP



#### MAX1676EUB+T

Analog Devices Inc./Maxim Integrated  
IC REG BOOST ADJ/PROG 10UMAX



#### MAX1674EUA-T

Analog Devices Inc./Maxim Integrated  
IC REG BST ADJ/PROG 750MA 8UMAX



#### MAX1676EUB+

Analog Devices Inc./Maxim Integrated  
IC REG BOOST ADJ/PROG 10UMAX



#### MAX1674EUA

Analog Devices Inc./Maxim Integrated  
IC REG BST ADJ/PROG 750MA 8UMAX



#### MAX1674EUA+

Analog Devices Inc./Maxim Integrated  
IC REG BST ADJ/PROG 750MA 8UMAX



#### MAX1675EUA+T

Analog Devices Inc./Maxim Integrated  
IC REG BST ADJ/PROG 360MA 8UMAX



#### MAX1675EUA-T

Analog Devices Inc./Maxim Integrated  
IC REG BST ADJ/PROG 360MA 8UMAX



#### MAX1673ESA

Analog Devices Inc./Maxim Integrated  
IC REG CHARGE PUMP ADJ 8SOIC



#### MAX1673ESA+

Analog Devices Inc./Maxim Integrated  
IC REG CHARGE PUMP ADJ 8SOIC



#### MAX1673ESA+T

Analog Devices Inc./Maxim Integrated  
IC REG CHARGE PUMP ADJ 8SOIC



#### MAX1674EUA+T

Analog Devices Inc./Maxim Integrated  
IC REG BST ADJ/PROG 750MA 8UMAX



#### MAX1677EEE

Analog Devices Inc./Maxim Integrated  
IC REG BOOST ADJ/3.3V DL 16QSOP



#### MAX1672EEE+T

Analog Devices Inc./Maxim Integrated  
IC REG BUCK BST ADJ/PROG 16QSOP



#### MAX1676EUB-T

Analog Devices Inc./Maxim Integrated  
STEP-UP DC-DC CONVERTER



#### MAX1675EUA+

Analog Devices Inc./Maxim Integrated  
IC REG BST ADJ/PROG 360MA 8UMAX



#### MAX1677EEE+

Analog Devices Inc./Maxim Integrated  
IC REG BOOST ADJ/3.3V DL 16QSOP

## 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

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Email

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### Certifications & Memberships



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