



Image may be representation.  
See specifications for product details.



## MAX1686HEUA

Manufacturer Part Number	<b>MAX1686HEUA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1686HEUA
ECAD Model	Request Free CAD Models
Parts Description	IC REG CHARG PUMP SIM 1OUT 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>MAX1686.pdf</b>

**Get a Quote**

MAX1686HEUA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX1686HEUA datasheet/specifications on AllelcoElec.com. Request a quote for MAX1686HEUA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX1686HEUA Tech Specifications  
MAX1686HEUA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tube
Voltage - Output	5V	Operating Temperature	-40°C ~ 85°C
Voltage - Input	2.7V ~ 4.2V	Number of Outputs	1
Supplier Device Package	8-uMAX/uSOP	Mounting Type	Surface Mount
Series	-	Base Product Number	MAX1686
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Applications	Charge Pump, SIM Cards

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1686HEUA

Product Attribute				
Part Number	MAX1686HEUA	MAX1686EUA+T	MAX1686HEUA+T	MAX1686EUA
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Supplier Device Package	8-uMAX/uSOP	8-uMAX/uSOP	8-uMAX/uSOP	8-uMAX/uSOP
Voltage - Input	2.7V ~ 4.2V	2.7V ~ 4.2V	2.7V ~ 4.2V	2.7V ~ 4.2V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Output	5V	4.75V	5V	4.75V
Base Product Number	MAX1686	MAX1686	MAX1686	MAX1686
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Series	-	-	-	-
Applications	Charge Pump, SIM Cards	Charge Pump, SIM Cards	Charge Pump, SIM Cards	Charge Pump, SIM Cards
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Number of Outputs	1	1	1	1

### MAX1686HEUA Datasheet PDF

Download MAX1686HEUA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1686HEUA - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX1686.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

[Material Declaration MAX1686HEUA.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>MAX1684EEE-T</b> Analog Devices / Maxim Integrated	<b>MAX16903RATB33/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK 3.3V 1A 10TDFN	<b>MAX1686EUA+T</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP SIM 1OUT 8UMAX	<b>MAX1687EUE</b> Analog Devices Inc./Maxim Integrated IC REG BOOST ADJ 730MA 16TSSOP	<b>MAX1685EEE+TG126</b> Analog Devices Inc./Maxim Integrated IC REG	<b>MAX1686HEUA-TG096</b> Analog Devices / Maxim Integrated

**MAX1688EUE-T**Analog Devices Inc./Maxim Integrated  
STEP-UP DC-DC CONVERTER**MAX1686EUB**

Analog Devices / Maxim Integrated

**MAX1687ESA**Analog Devices Inc./Maxim Integrated  
IC REG BOOST ADJ 730MA 8SOIC**MAX1685EEE+**Analog Devices Inc./Maxim Integrated  
IC REG BUCK ADJ/3.3V 1A 16QSOP**MAX1686HEUA+T**Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP SIM 1OUT 8UMAX**MAX1686EUA**Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP SIM 1OUT 8UMAX**MAX1685EEE+T**Analog Devices Inc./Maxim Integrated  
IC REG BUCK ADJ/3.3V 1A 16QSOP**MAX1685EEE**Analog Devices Inc./Maxim Integrated  
IC REG BUCK ADJ/3.3V 1A 16QSOP**MAX1686HEUA-T**Analog Devices Inc./Maxim Integrated  
SIM CARD CHARGE PUMP**MAX1688ESA**Analog Devices Inc./Maxim Integrated  
IC REG BOOST ADJ 730MA 8SOIC**MAX1684EEE+T**Analog Devices Inc./Maxim Integrated  
IC REG BUCK ADJ/3.3V 1A 16QSOP**MAX1686EUA+**Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP SIM 1OUT 8UMAX

## 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



[View More](#)



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