



Image may be representation.  
See specifications for product details.



## MAX861IUA

Manufacturer Part Number	<b>MAX861IUA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX861IUA
ECAD Model	Request Free CAD Models
Parts Description	<b>IC REG CHARG PUMP INV 50MA 8UMAX</b>
Package	<b>8-TSSOP, 8-MSOP (0.118', 3.00mm Width)</b>
Data sheet	MAX861IUA.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX861IUA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX861IUA datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX861IUA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX861IUA Tech Specifications  
MAX861IUA - 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)	-Vin, 2Vin	Output Type	Fixed
Voltage - Output (Max)	-	Output Configuration	Positive or Negative
Voltage - Input (Min)	1.5V, 2.5V	Operating Temperature	-25°C ~ 85°C (TA)
Voltage - Input (Max)	5.5V	Number of Outputs	1
Topology	Charge Pump	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Ratiometric
Supplier Device Package	8-uMAX/uSOP	Frequency - Switching	13kHz, 100kHz, 250kHz
Series	-	Current - Output	50mA
Package / Case	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	Base Product Number	MAX861

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX861IUA

Product Attribute				
Part Number	MAX861IUA	MAX861ISA	MAX8625AETD+T	MAX861IUA+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package / Case	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	8-SOIC (0.154', 3.90mm Width)	14-WDFDN Exposed Pad	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)
Voltage - Input (Min)	1.5V, 2.5V	1.5V, 2.5V	2.5V	1.5V, 2.5V
Output Type	Fixed	Fixed	Adjustable (Fixed)	Fixed
Voltage - Output (Min/Fixed)	-Vin, 2Vin	-Vin, 2Vin	1.25V (3.3V)	-Vin, 2Vin
Number of Outputs	1	1	1	1
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Series	-	-	-	-
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-25°C ~ 85°C (TA)	-25°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-25°C ~ 85°C (TA)
Base Product Number	MAX861	MAX861	MAX8625	MAX861
Output Configuration	Positive or Negative	Positive or Negative	Positive	Positive or Negative
Function	Ratiometric	Ratiometric	Step-Up/Step-Down	Ratiometric
Synchronous Rectifier	No	No	Yes	No
Supplier Device Package	8-uMAX/uSOP	8-SOIC	14-TDFN (3x3)	8-uMAX/uSOP
Current - Output	50mA	50mA	800mA	50mA
Voltage - Output (Max)	-	-	4V	-
Topology	Charge Pump	Charge Pump	Buck-Boost	Charge Pump
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Frequency - Switching	13kHz, 100kHz, 250kHz	13kHz, 100kHz, 250kHz	1MHz	13kHz, 100kHz, 250kHz

### MAX861IUA Datasheet PDF

Download MAX861IUA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX861IUA - Analog Devices Inc./Maxim Integrated.

#### Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

#### Part Numbering Guide


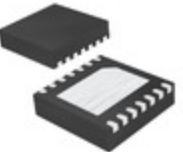
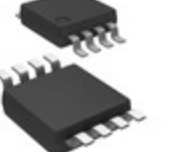









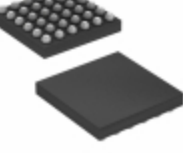

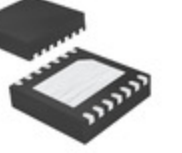


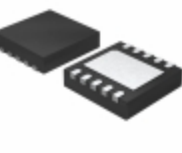
Part Numbering System.pdf

#### PCN Obsolescence/ EOL

## Application Notes

## Customers Also Interested in

### Recommended Products

 <b>MAX861ISA</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 50MA 8SOIC	 <b>MAX8625AETD+T</b> Analog Devices Inc./Maxim Integrated IC REG BCK BST ADJ/3.3V 14TDFN	 <b>MAX861IUA+T</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 50MA 8UMAX	 <b>MAX861IUA+</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 50MA 8UMAX	 <b>MAX8620YETD+T</b> Analog Devices Inc./Maxim Integrated IC REG MPU UPMIC 3OUT 14TDFN	 <b>MAX861ESA</b> Analog Devices Inc./Maxim Integrated SWITCHED-CAP VOLTAGE CONVERTER
 <b>MAX861ISA+T</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 50MA 8SOIC	 <b>MAX861ESA-TG074</b> Analog Devices / Maxim Integrated	 <b>MAX861IUA-T</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 50MA 8UMAX	 <b>MAX861ISA+</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 50MA 8SOIC	 <b>MAX861ISA-T</b> Analog Devices / Maxim Integrated	 <b>MAX861ESA+</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 50MA 8SOIC
 <b>MAX86176ENX+T</b> Analog Devices Inc./Maxim Integrated PPG + ECG COMBO AFE WLP	 <b>MAX861CSA</b> Analog Devices Inc./Maxim Integrated SWITCHED-CAP VOLTAGE CONVERTER	 <b>MAX8627ETD+T</b> Analog Devices Inc./Maxim Integrated IC REG BOOST ADJ 3.5A 14TDFN	 <b>MAX8627ETD</b> Analog Devices / Maxim Integrated	 <b>MAX861ESA+T</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 50MA 8SOIC	 <b>MAX8622ETB+T</b> Analog Devices Inc./Maxim Integrated IC XENON FLASH CHARGE 10TDFN

## 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

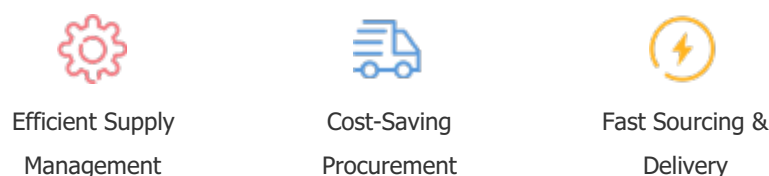
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

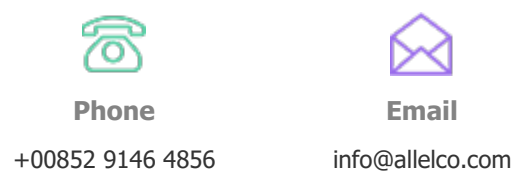
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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