

Image may be representation.  
See specifications for product details.



## MAX861ESA

Manufacturer Part Number	<b>MAX861ESA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX861ESA
ECAD Model	Request Free CAD Models
Parts Description	<b>SWITCHED-CAP VOLTAGE CONVERTER</b>
Package	<b>8-SOIC (0.154", 3.90mm Width)</b>
Data sheet	MAX861ESA.pdf

**Get a Quote**

MAX861ESA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX861ESA datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX861ESA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX861ESA Tech Specifications  
MAX861ESA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Bulk
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	-40°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-SOIC	Frequency - Switching	13kHz, 100kHz, 250kHz
Series	-	Current - Output	50mA
Package / Case	8-SOIC (0.154", 3.90mm Width)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX861ESA

Product Attribute				
Part Number	MAX861ESA	MAX861ESA+T	MAX861IUA	MAX861ISA
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-SOIC	8-SOIC	8-uMAX/uSOP	8-SOIC
Voltage - Output (Max)	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Package	Bulk	Tape & Reel (TR)	Tube	Tube
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-25°C ~ 85°C (TA)	-25°C ~ 85°C (TA)
Number of Outputs	1	1	1	1
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
Series	-	-	-	-
Topology	Charge Pump	Charge Pump	Charge Pump	Charge Pump
Voltage - Output (Min/Fixed)	-Vin, 2Vin	-Vin, 2Vin	-Vin, 2Vin	-Vin, 2Vin
Current - Output	50mA	50mA	50mA	50mA
Output Configuration	Positive or Negative	Positive or Negative	Positive or Negative	Positive or Negative
Voltage - Input (Min)	1.5V, 2.5V	1.5V, 2.5V	1.5V, 2.5V	1.5V, 2.5V
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Function	Ratiometric	Ratiometric	Ratiometric	Ratiometric
Synchronous Rectifier	No	No	No	No
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Frequency - Switching	13kHz, 100kHz, 250kHz	13kHz, 100kHz, 250kHz	13kHz, 100kHz, 250kHz	13kHz, 100kHz, 250kHz

### Customers Also Interested in

#### Recommended Products



**MAX861ESA+T**

Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP INV 50MA  
8SOIC



**MAX861IUA**

Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP INV 50MA  
8UMAX



**MAX86160AEFN+T**

Analog Devices Inc./Maxim Integrated  
IC



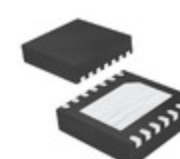
**MAX861ISA**

Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP INV 50MA  
8SOIC



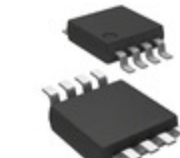
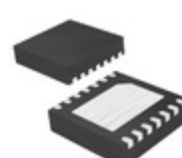
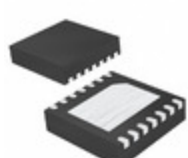
**MAX861ISA+T**

Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP INV 50MA  
8SOIC



**MAX8614BETD+T**

Analog Devices Inc./Maxim Integrated  
IC REG CONV CCD 2OUT 14TDFN



**MAX8614AETD+**Maxim Integrated  
IC DC-DC CONV DL CCD 14TDFN**MAX8614BETD/V+T**Analog Devices Inc./Maxim Integrated  
IC REG CONV CCD 20UT 14TDFN**MAX8614AETD+T**Analog Devices Inc./Maxim Integrated  
IC REG CONV CCD 20UT 14TDFN**MAX861CSA**Analog Devices Inc./Maxim Integrated  
SWITCHED-CAP VOLTAGE CONVERTER**MAX86176ENX+T**Analog Devices Inc./Maxim Integrated  
PPG + ECG COMBO AFE WLP**MAX861ESA+**Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP INV 50MA 8SOIC**MAX861ISA+**Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP INV 50MA 8SOIC**MAX8616ETL+**

Analog Devices / Maxim Integrated

**MAX8614BTD**

Analog Devices / Maxim Integrated

**MAX8616ETL+T**

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**MAX861IUA+T**Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP INV 50MA 8UMAX**MAX861IUA+**Analog Devices Inc./Maxim Integrated  
IC REG CHARG PUMP INV 50MA 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 -**

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Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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