



Image may be representation.  
See specifications for product details.



## MAX1044ESA+T

Manufacturer Part Number	<b>MAX1044ESA+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1044ESA+T
ECAD Model	Request Free CAD Models
Parts Description	IC REG CHARG PUMP INV 20MA 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MAX1044/ICL7660.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX1044ESA+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1044ESA+T datasheet/specifications on AllelcoElec.com. Request a quote for MAX1044ESA+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX1044ESA+T Tech Specifications  
MAX1044ESA+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	-Vin, nVin, Vin/2	Output Type	Fixed
Voltage - Output (Max)	-	Output Configuration	Positive or Negative
Voltage - Input (Min)	1.5V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	10V	Number of Outputs	1
Topology	Charge Pump	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Ratiometric
Supplier Device Package	8-SOIC	Frequency - Switching	10kHz
Series	-	Current - Output	20mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MAX1044

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1044ESA+T

Product Attribute				
Part Number	MAX1044ESA+T	MAX1044CSA+	MAX1044EPA+	MAX1044EPA
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Synchronous Rectifier	No	No	No	No
Current - Output	20mA	20mA	20mA	20mA
Output Type	Fixed	Fixed	Fixed	Fixed
Supplier Device Package	8-SOIC	8-SOIC	8-PDIP	8-PDIP
Voltage - Output (Min/Fixed)	-Vin, nVin, Vin/2	-Vin, nVin, Vin/2	-Vin, nVin, Vin/2	-Vin, nVin, Vin/2
Output Configuration	Positive or Negative	Positive or Negative	Positive or Negative	Positive or Negative
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)
Voltage - Input (Max)	10V	10V	10V	10V
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Function	Ratiometric	Ratiometric	Ratiometric	Ratiometric
Package	Tape & Reel (TR)	Tube	Tube	Tube
Number of Outputs	1	1	1	1
Frequency - Switching	10kHz	10kHz	10kHz	10kHz
Topology	Charge Pump	Charge Pump	Charge Pump	Charge Pump
Voltage - Output (Max)	-	-	-	-
Base Product Number	MAX1044	MAX1044	MAX1044	MAX1044
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Series	-	-	-	-
Voltage - Input (Min)	1.5V	1.5V	1.5V	1.5V

### MAX1044ESA+T Datasheet PDF

Download MAX1044ESA+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1044ESA+T - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX1044/ICL7660.pdf](#)

#### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)



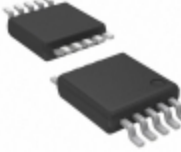

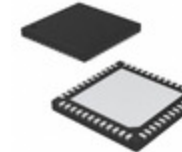





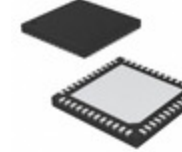







[Material Declaration MAX1044ESA+T.pdf](#)

#### Part Numbering Guide

## Application Notes

## Customers Also Interested in

### Recommended Products

 <b>MAX1044CSA+</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC	 <b>MAX1044EPA+</b> Analog Devices Inc./Maxim Integrated IC REG CHARGE PUMP INV 20MA 8DIP	 <b>MAX1062AEUB+</b> Analog Devices Inc./Maxim Integrated IC ADC 14BIT 200KSPS 10-UMAX	 <b>MAX1044EPA</b> Analog Devices Inc./Maxim Integrated IC REG CHARGE PUMP INV 20MA 8DIP	 <b>MAX1058BETM+T</b> Analog Devices Inc./Maxim Integrated IC ADC/DAC 10BIT 225K 48TQFN	 <b>MAX1062BCUB+</b> Analog Devices Inc./Maxim Integrated IC ADC 14BIT SAR 10UMAX
 <b>MAX1044ESA+</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC	 <b>MAX1044CPA+</b> Analog Devices Inc./Maxim Integrated IC REG CHARGE PUMP INV 20MA 8DIP	 <b>MAX1062BEUB+</b> Analog Devices Inc./Maxim Integrated IC ADC 14BIT SAR 10UMAX	 <b>MAX1062AEUB</b> Analog Devices Inc./Maxim Integrated ADC & SHUTDOWN	 <b>MAX1058BETM+</b> Analog Devices Inc./Maxim Integrated IC ADC/DAC 10BIT 225K 48TQFN	 <b>MAX1044CSA+T</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC
 <b>MAX1044ESA</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC	 <b>MAX1039AEEE-T</b> Analog Devices / Maxim Integrated	 <b>MAX1044CSA</b> Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC	 <b>MAX1062ACUB+</b> Analog Devices Inc./Maxim Integrated IC ADC 14BIT SAR 10UMAX	 <b>MAX1044CPA</b> Analog Devices Inc./Maxim Integrated IC REG CHARGE PUMP INV 20MA 8DIP	 <b>MAX1044MJA/883B</b> Analog Devices / Maxim Integrated

## 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

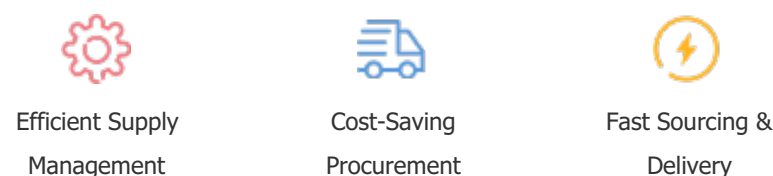
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### 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



View More