



Image may be representation.  
See specifications for product details.



## MAX765ESA+

Manufacturer Part Number	<b>MAX765ESA+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX765ESA+
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG BCK BST ADJ/-12V 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<b>MAX764-766.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX765ESA+ - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX765ESA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX765ESA+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX765ESA+ Tech Specifications

MAX765ESA+ - 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)	-1V (-12V)	Output Type	Adjustable (Fixed)
Voltage - Output (Max)	-16V	Output Configuration	Negative
Voltage - Input (Min)	3V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	16V	Number of Outputs	1
Topology	Buck-Boost	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Up/Step-Down
Supplier Device Package	8-SOIC	Frequency - Switching	300kHz
Series	-	Current - Output	120mA
Package / Case	8-SOIC (0.154', 3.90mm Width)	Base Product Number	MAX765

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX765ESA+

Product Attribute				
Part Number	MAX765ESA+	MAX765EPA	MAX765CPA+	MAX764ESA+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Frequency - Switching	300kHz	300kHz	300kHz	300kHz
Series	-	-	-	-
Package	Tube	Tube	Tube	Tape & Reel (TR)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Number of Outputs	1	1	1	1
Voltage - Input (Min)	3V	3V	3V	3V
Synchronous Rectifier	No	No	No	No
Supplier Device Package	8-SOIC	8-PDIP	8-PDIP	8-SOIC
Topology	Buck-Boost	Buck-Boost	Buck-Boost	Buck-Boost
Function	Step-Up/Step-Down	Step-Up/Step-Down	Step-Up/Step-Down	Step-Up/Step-Down
Voltage - Output (Max)	-16V	-16V	-16V	-16V
Voltage - Input (Max)	16V	16V	16V	16V
Output Configuration	Negative	Negative	Negative	Negative
Current - Output	120mA	120mA	120mA	260mA
Voltage - Output (Min/Fixed)	-1V (-12V)	-1V (-12V)	-1V (-12V)	-1V (-5V)
Base Product Number	MAX765	MAX765	MAX765	MAX764
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Output Type	Adjustable (Fixed)	Adjustable (Fixed)	Adjustable (Fixed)	Adjustable (Fixed)
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154', 3.90mm Width)

### MAX765ESA+ Datasheet PDF

Download MAX765ESA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX765ESA+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX764-766.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide



## Customers Also Interested in

### Recommended Products



#### MAX7654AATN

Analog Devices / Maxim Integrated



#### MAX7660ESA

Analog Devices / Maxim Integrated



#### MAX765EPA

Analog Devices Inc./Maxim Integrated  
IC REG BCK BST ADJ/-12V 8DIP

#### MAX7660CUA+T

Analog Devices / Maxim Integrated



#### MAX765CPA+

Analog Devices Inc./Maxim Integrated  
IC REG BCK BST ADJ/-12V 8DIP

#### MAX7660CUA+

Analog Devices / Maxim Integrated



#### MAX7660CPA

Analog Devices / Maxim Integrated



#### MAX764ESA+T

Analog Devices Inc./Maxim Integrated  
IC REG BCK BST ADJ/-5V 8SOIC

#### MAX7660ESA+T

Analog Devices / Maxim Integrated



#### MAX765CSA+

Analog Devices Inc./Maxim Integrated  
IC REG BCK BST ADJ/-12V 8SOIC

#### MAX765CSA+T

Analog Devices Inc./Maxim Integrated  
IC REG BCK BST ADJ/-12V 8SOIC

#### MAX7662CPA

Analog Devices / Maxim Integrated



#### MAX765CPA

Analog Devices Inc./Maxim Integrated  
IC REG BCK BST ADJ/-12V 8DIP

#### MAX765ESA+T

Analog Devices Inc./Maxim Integrated  
IC REG BCK BST ADJ/-12V 8SOIC

#### MAX765CSA

Analog Devices Inc./Maxim Integrated  
IC REG BCK BST ADJ/-12V 8SOIC

#### MAX7660CSA+T

Analog Devices / Maxim Integrated



#### MAX765ESA

Analog Devices Inc./Maxim Integrated  
IC REG BCK BST ADJ/-12V 8SOIC

#### MAX765EPA+

Analog Devices Inc./Maxim Integrated  
IC REG BCK BST ADJ/-12V 8DIP

## 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.



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Email

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## Certifications & Memberships



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