



Image may be representation.  
See specifications for product details.



## MAX1776EUA

Manufacturer Part Number	<b>MAX1776EUA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1776EUA
ECAD Model	Request Free CAD Models
Parts Description	IC REG BUCK ADJ/5V 600MA 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>MAX1776.pdf</b>

**Get a Quote**

MAX1776EUA - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1776EUA datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX1776EUA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX1776EUA Tech Specifications  
MAX1776EUA - 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)	1.25V (5V)	Output Type	Adjustable (Fixed)
Voltage - Output (Max)	24V	Output Configuration	Positive
Voltage - Input (Min)	4.5V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	24V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Down
Supplier Device Package	8-uMAX/uSOP	Frequency - Switching	200kHz
Series	-	Current - Output	600mA
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	MAX1776

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1776EUA

Product Attribute				
Part Number	MAX1776EUA	MAX1774EEI	MAX1776EUA+T	MAX17761ATC+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	-	-	-	-
Voltage - Output (Max)	24V	5V, 5.5V	24V	68.4V
Topology	Buck	Buck	Buck	Buck
Number of Outputs	1	2	1	1
Base Product Number	MAX1776	MAX1774	MAX1776	MAX17761
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Output Configuration	Positive	Positive	Positive	Positive
Output Type	Adjustable (Fixed)	Adjustable	Adjustable (Fixed)	Adjustable
Function	Step-Down	Step-Down	Step-Down	Step-Down
Frequency - Switching	200kHz	1.25MHz	200kHz	200kHz ~ 600kHz
Supplier Device Package	8-uMAX/uSOP	28-QSOP	8-uMAX/uSOP	12-TDFN (3x3)
Voltage - Input (Min)	4.5V	2.7V	4.5V	4.5V
Voltage - Input (Max)	24V	28V	24V	76V
Synchronous Rectifier	No	Yes	No	Yes
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Output (Min/Fixed)	1.25V (5V)	1V, 1.25V	1.25V (5V)	0.8V
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	28-SSOP (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	12-WDFN Exposed Pad
Current - Output	600mA	1.5A, 2A	600mA	1A
Package	Tube	Tube	Tape & Reel (TR)	Tray

### MAX1776EUA Datasheet PDF

Download MAX1776EUA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1776EUA - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX1776.pdf](#)

#### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide



## Customers Also Interested in

### Recommended Products

**MAX1773EPD**

Analog Devices / Maxim Integrated

**MAX1778EUG+**Analog Devices Inc./Maxim Integrated  
IC REG CONV TFT LCD 50UT  
24TSSOP**MAX1774EEI**Analog Devices Inc./Maxim Integrated  
IC REG BCK ADJ 1.5A/2A DL 28QSOP**MAX1779EUE**Analog Devices Inc./Maxim Integrated  
IC REG CONV TFT LCD 30UT  
16TSSOP**MAX1776EUA+T**Analog Devices Inc./Maxim Integrated  
IC REG BUCK ADJ/5V 600MA 8UMAX**MAX1779EUE+**Analog Devices Inc./Maxim Integrated  
IC REG CONV TFT LCD 30UT  
16TSSOP**MAX17761ATC+**Analog Devices Inc./Maxim Integrated  
IC REG BUCK ADJ 1A 12DFN**MAX1775EEE**Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BUCK 16QSOP**MAX1773EUP**Analog Devices Inc./Maxim Integrated  
IC POWER SOURCE SELECTOR**MAX1774EEI+**Analog Devices Inc./Maxim Integrated  
IC REG BCK ADJ 1.5A/2A DL 28QSOP**MAX1778EUG+T**Analog Devices Inc./Maxim Integrated  
IC REG CONV TFT LCD 50UT  
24TSSOP**MAX17761ATC+T**Analog Devices Inc./Maxim Integrated  
IC REG 76V DC DC CONVERTER**MAX1777EEI+**Analog Devices Inc./Maxim Integrated  
IC REG QUAD BUCK/LINEAR 28QSOP**MAX1775EEE+T**Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BUCK 16QSOP**MAX1776EUA+**Analog Devices Inc./Maxim Integrated  
IC REG BUCK ADJ/5V 600MA 8UMAX**MAX1779EUE+T**Analog Devices Inc./Maxim Integrated  
IC REG CONV TFT LCD 30UT  
16TSSOP**MAX1774EEI+T**Analog Devices Inc./Maxim Integrated  
IC REG BCK ADJ 1.5A/2A DL 28QSOP

## 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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### Certifications & Memberships



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