



Image may be representation.
See specifications for product details.



MAX1776EUA+T

Manufacturer Part Number	MAX1776EUA+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1776EUA+T
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	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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

Specifications

MAX1776EUA+T Tech Specifications

MAX1776EUA+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)	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+T

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

MAX1776EUA+T Datasheet PDF

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

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)



















Part Numbering Guide

Application Notes

Power-Supply Solutions for Xilinx FPGAs.pdf

Customers Also Interested in

Recommended Products

 MAX1774EEI Analog Devices Inc./Maxim Integrated IC REG BCK ADJ 1.5A/2A DL 28QSOP	 MAX1775EEE+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 16QSOP	 MAX1779EUE+TG104 Analog Devices / Maxim Integrated	 MAX1776EUA-TG05 Analog Devices / Maxim Integrated	 MAX17761ATC+T Analog Devices Inc./Maxim Integrated IC REG 76V DC DC CONVERTER	 MAX1775EEE Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 16QSOP
 MAX1778EUG Analog Devices / Maxim Integrated	 MAX1776EUA+ Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ/5V 600MA 8UMAX	 MAX1777EEI+ Analog Devices Inc./Maxim Integrated IC REG QUAD BUCK/LINEAR 28QSOP	 MAX1779EUE+ Analog Devices Inc./Maxim Integrated IC REG CONV TFT LCD 3OUT 16TSSOP	 MAX1779EUE Analog Devices Inc./Maxim Integrated IC REG CONV TFT LCD 3OUT 16TSSOP	 MAX1778EUG+ Analog Devices Inc./Maxim Integrated IC REG CONV TFT LCD 5OUT 24TSSOP
 MAX17761ATC+ Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ 1A 12DFN	 MAX1776EUA Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ/5V 600MA 8UMAX	 MAX1778EUG+T Analog Devices Inc./Maxim Integrated IC REG CONV TFT LCD 5OUT 24TSSOP	 MAX1774EEI+T Analog Devices Inc./Maxim Integrated IC REG BCK ADJ 1.5A/2A DL 28QSOP	 MAX1779EUE+T Analog Devices Inc./Maxim Integrated IC REG CONV TFT LCD 3OUT 16TSSOP	 MAX1774EEI+ 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
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Contact us if you have any questions.

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Certifications & Memberships



View More

Contact us

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