

Image may be representation.  
See specifications for product details.



## MAX756CPA

Manufacturer Part Number	<b>MAX756CPA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX756CPA
ECAD Model	Request Free CAD Models
Parts Description	IC REG BOOST PROGRAMMABLE 8DIP
Package	8-DIP (0.300', 7.62mm)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

MAX756CPA - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX756CPA datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX756CPA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX756CPA Tech Specifications  
MAX756CPA - 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)	3.3V, 5V	Output Type	Programmable
Voltage - Output (Max)	-	Output Configuration	Positive
Voltage - Input (Min)	0.7V	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Input (Max)	7V	Number of Outputs	1
Topology	Boost	Mounting Type	Through Hole
Synchronous Rectifier	No	Function	Step-Up
Supplier Device Package	8-PDIP	Frequency - Switching	500kHz
Series	-	Current - Output	-
Package / Case	8-DIP (0.300', 7.62mm)	Base Product Number	MAX756

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX756CPA

Product Attribute				
Part Number	MAX756CPA	MAX755ESA	MAX756CSA	MAX756CSA+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Output (Min/Fixed)	3.3V, 5V	-5V	3.3V, 5V	3.3V, 5V
Frequency - Switching	500kHz	160kHz	500kHz	500kHz
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Package	Tube	Bulk	Tube	Tape & Reel (TR)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Voltage - Output (Max)	-	-	-	-
Supplier Device Package	8-PDIP	8-SOIC	8-SOIC	8-SOIC
Voltage - Input (Max)	7V	6.2V	7V	7V
Base Product Number	MAX756	-	MAX756	MAX756
Function	Step-Up	Step-Up/Step-Down	Step-Up	Step-Up
Output Type	Programmable	Adjustable	Programmable	Programmable
Synchronous Rectifier	No	No	No	No
Output Configuration	Positive	Negative	Positive	Positive
Series	-	-	-	-
Voltage - Input (Min)	0.7V	2.7V	0.7V	0.7V
Number of Outputs	1	1	1	1
Package / Case	8-DIP (0.300', 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)
Topology	Boost	Buck-Boost	Boost	Boost
Current - Output	-	275mA	-	-

### MAX756CPA Datasheet PDF

Download MAX756CPA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX756CPA - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)



















[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

PCN Obsolescence/ EOL

Customers Also Interested in

Recommended Products

 <b>MAX755ESA</b> Analog Devices Inc./Maxim Integrated MAX755 -5V/ADJUSTABLE, NEGATIVE-	 <b>MAX756CSA</b> Analog Devices Inc./Maxim Integrated IC REG BOOST PROG 8SOIC	 <b>MAX755ESA-T</b> Analog Devices / Maxim Integrated	 <b>MAX756CSA+T</b> Analog Devices Inc./Maxim Integrated IC REG BOOST PROG 8SOIC	 <b>MAX756CSA-T</b> Analog Devices / Maxim Integrated	 <b>MAX755CPA</b> Analog Devices Inc./Maxim Integrated IC REG BCK BST ADJ 125MA 8DIP
 <b>MAX756ESA+</b> Analog Devices Inc./Maxim Integrated IC REG BOOST PROG 8SOIC	 <b>MAX755ESA+</b> Analog Devices Inc./Maxim Integrated IC REG BCK BST ADJ 125MA 8SOIC	 <b>MAX755CSA+T</b> Analog Devices Inc./Maxim Integrated IC REG BCK BST ADJ 125MA 8SOIC	 <b>MAX754CSE-T</b> Analog Devices / Maxim Integrated	 <b>MAX756ESA+T</b> Analog Devices Inc./Maxim Integrated IC REG BOOST PROG 8SOIC	 <b>MAX7571-101</b> Analog Devices / Maxim Integrated
 <b>MAX756CSA+</b> Analog Devices Inc./Maxim Integrated IC REG BOOST PROG 8SOIC	 <b>MAX756CPA+</b> Analog Devices Inc./Maxim Integrated IC REG BOOST PROGRAMMABLE 8DIP	 <b>MAX755CSA</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR -5V PWM REG	 <b>MAX754ESE</b> Analog Devices Inc./Maxim Integrated LCD CONTRAST CONTROLLER	 <b>MAX755CSA-T</b> MXAX	 <b>MAX755</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 -

 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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