



Image may be representation.  
See specifications for product details.



## MAX1771CSA

Manufacturer Part Number	<b>MAX1771CSA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1771CSA
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR BST/BUCK-BST 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

MAX1771CSA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX1771CSA datasheet/specifications on AllelcoElec.com. Request a quote for MAX1771CSA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX1771CSA Tech Specifications  
MAX1771CSA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	3V ~ 16.5V	Operating Temperature	0°C ~ 70°C (TA)
Topology	Boost, Buck-Boost	Number of Outputs	1
Synchronous Rectifier	No	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Function	Step-Up, Step-Up/Step-Down
Series	-	Frequency - Switching	300kHz
Serial Interfaces	-	Duty Cycle (Max)	92%
Package / Case	8-SOIC (0.154', 3.90mm Width)	Control Features	Enable
Package	Tube	Clock Sync	No
Output Type	Transistor Driver	Base Product Number	MAX1771
Output Phases	1		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1771CSA

Product Attribute				
Part Number	MAX1771CSA	MAX1771CSA-T	MAX1771CSA+	MAX1771ESA
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Number of Outputs	1	1	1	1
Clock Sync	No	No	No	No
Synchronous Rectifier	No	No	No	No
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)
Output Phases	1	1	1	1
Control Features	Enable	Enable	Enable	Enable
Voltage - Supply (Vcc/Vdd)	3V ~ 16.5V	3V ~ 16.5V	3V ~ 16.5V	3V ~ 16.5V
Serial Interfaces	-	-	-	-
Base Product Number	MAX1771	MAX1771	MAX1771	MAX1771
Package	Tube	Tape & Reel (TR)	Tube	Tube
Output Configuration	Positive	Positive	Positive	Positive
Topology	Boost, Buck-Boost	Boost, Buck-Boost	Boost, Buck-Boost	Boost, Buck-Boost
Function	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down
Duty Cycle (Max)	92%	92%	92%	92%
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Frequency - Switching	300kHz	300kHz	300kHz	300kHz

### MAX1771CSA Datasheet PDF

Download MAX1771CSA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1771CSA - 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


 Part Numbering System.pdf


## PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

## Application Notes

 Reduce Standby Power Drains with Ultra-Low-Current.pdf

 Off-The-Shelf Transformer Limits Capacitor Inrush .pdf

 Pushbuttons Control Regulated Switching Converter.pdf

 Two AA Cells Produce Huge Audio Volume.pdf

## Customers Also Interested in

### Recommended Products



#### MAX1771CSA-T

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BST/BUCK-BST 8SOIC



#### MAX1771CSA+

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BST/BUCK-BST 8SOIC



#### MAX1771ESA

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BST/BUCK-BST 8SOIC



#### MAX1771CSA+T

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BST/BUCK-BST 8SOIC



#### MAX176ACPA

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 8DIP



#### MAX1771CPA+

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BST/BUCK-BST 8DIP



#### MAX176BCPA+

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 8DIP



#### MAX176ACWE

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 16SOIC



#### MAX176AEWE+

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 16SOIC



#### MAX1771EPA

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BST/BUCK-BST 8DIP



#### MAX17710G+T

Analog Devices Inc./Maxim Integrated  
IC ENERGY HARVEST MNGR 12UTDFN



#### MAX176BCWE

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 16SOIC



#### MAX1771ESA+T

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BST/BUCK-BST 8SOIC



#### MAX1771EPA+

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BST/BUCK-BST 8DIP



#### MAX17703ATG+

Analog Devices Inc./Maxim Integrated  
BATT CTRL LI-ION 24TQFN



#### MAX1771ESA+

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BST/BUCK-BST 8SOIC



#### MAX176BCPA

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 8DIP



#### MAX176BCWE+

Analog Devices Inc./Maxim Integrated  
IC ADC 12BIT SAR 16SOIC

## 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.

 Phone  
+00852 9146 4856  
 Email  
info@allelco.com

### Certifications & Memberships



[View More](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: [info@Alleco.com](mailto:info@Alleco.com)

