

Image may be representation.  
See specifications for product details.



## MAX5090CATE+

Manufacturer Part Number	<b>MAX5090CATE+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX5090CATE+
ECAD Model	Request Free CAD Models
Parts Description	IC REG BUCK ADJUSTABLE 2A 16TQFN
Package	16-WQFN Exposed Pad
Data sheet	<b>MAX5090A/B/C.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX5090CATE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX5090CATE+ datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX5090CATE+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX5090CATE+ Tech Specifications

MAX5090CATE+ - 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)	1.228V	Output Type	Adjustable
Voltage - Output (Max)	11V	Output Configuration	Positive
Voltage - Input (Min)	6.5V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	76V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Down
Supplier Device Package	16-TQFN (5x5)	Frequency - Switching	127kHz
Series	-	Current - Output	2A
Package / Case	16-WQFN Exposed Pad	Base Product Number	MAX5090

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX5090CATE+

Product Attribute				
Part Number	MAX5090CATE+	MAX5090CATE+T	MAX5090BATE+	MAX5090AATE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Current - Output	2A	2A	2A	2A
Topology	Buck	Buck	Buck	Buck
Voltage - Input (Min)	6.5V	6.5V	6.5V	6.5V
Series	-	-	-	-
Voltage - Output (Min/Fixed)	1.228V	1.228V	5V	3.3V
Number of Outputs	1	1	1	1
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Output Type	Adjustable	Adjustable	Fixed	Fixed
Base Product Number	MAX5090	MAX5090	MAX5090	MAX5090
Supplier Device Package	16-TQFN (5x5)	16-TQFN (5x5)	16-TQFN (5x5)	16-TQFN (5x5)
Voltage - Input (Max)	76V	76V	76V	76V
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Output Configuration	Positive	Positive	Positive	Positive
Function	Step-Down	Step-Down	Step-Down	Step-Down
Synchronous Rectifier	No	No	No	No
Voltage - Output (Max)	11V	11V	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Frequency - Switching	127kHz	127kHz	127kHz	127kHz
Package / Case	16-WQFN Exposed Pad	16-WQFN Exposed Pad	16-WQFN Exposed Pad	16-WQFN Exposed Pad

## MAX5090CATE+ Datasheet PDF

Download MAX5090CATE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5090CATE+ - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX5090A/B/C.pdf](#)

### Environmental Information

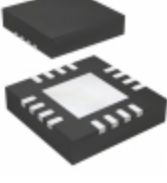
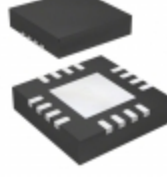



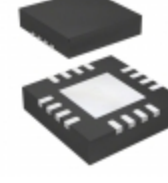
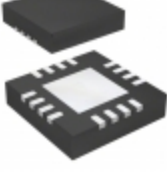



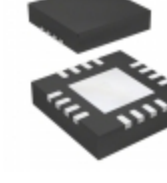
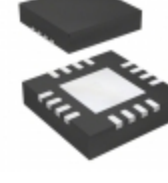

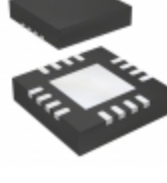



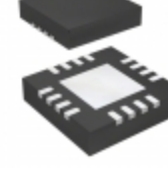
[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

### Part Numbering Guide

## Customers Also Interested in

### Recommended Products

					
<b>MAX5090CATE+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK ADJUSTABLE 2A 16TQFN	<b>MAX5092AATE+</b> Analog Devices Inc./Maxim Integrated IC REG DL BUCK/LNR 1MHZ 16TQFN	<b>MAX5090CATE60</b> Analog Devices / Maxim Integrated	<b>MAX5091BASA+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 3.3V 100MA 8SOIC	<b>MAX508BCWP</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 20SOIC	<b>MAX5092BATE+T</b> Analog Devices Inc./Maxim Integrated IC REG DL BUCK/LNR 1MHZ 16TQFN
					
<b>MAX5092BATE+</b> Analog Devices Inc./Maxim Integrated IC REG DL BUCK/LNR 1MHZ 16TQFN	<b>MAX5091AASA+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 5V 100MA 8SOIC	<b>MAX5091BATA+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 3.3V 100MA 8TDFN	<b>MAX508BEPP+</b> Maxim Integrated IC DAC 12BIT W/REF 20-DIP	<b>MAX5093BATE+</b> Analog Devices Inc./Maxim Integrated IC REG DL BUCK/LNR 1MHZ 16TQFN	<b>MAX5090BATE+</b> Analog Devices Inc./Maxim Integrated IC REG BUCK 5V 2A 16TQFN
					
<b>MAX508BMJP</b> Analog Devices / Maxim Integrated	<b>MAX5090AATE+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK 3.3V 2A 16TQFN	<b>MAX508BCPP+</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 20DIP	<b>MAX508BCWP+</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 20SOIC	<b>MAX508BEWP+</b> Analog Devices Inc./Maxim Integrated IC DAC 12BIT W/REF 20-SOIC	<b>MAX5090BATE+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK 5V 2A 16TQFN

## 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@Allelco.com