

Image may be representation.  
See specifications for product details.



## MAX5048CAUT+T

Manufacturer Part Number	<b>MAX5048CAUT+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX5048CAUT+T
ECAD Model	Request Free CAD Models
Parts Description	IC GATE DRVR LOW-SIDE SOT23-6
Package	SOT-23-6
Data sheet	<b>MAX5048C.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX5048CAUT+T - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX5048CAUT+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX5048CAUT+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX5048CAUT+T Tech Specifications

MAX5048CAUT+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Mounting Type	Surface Mount
Voltage - Supply	4V ~ 14V	Logic Voltage - VIL, VIH	0.8V, 2V
Supplier Device Package	SOT-6	Input Type	Inverting, Non-Inverting
Series	-	Gate Type	N-Channel MOSFET
Rise / Fall Time (Typ)	28ns, 13ns	Driven Configuration	Low-Side
Package / Case	SOT-23-6	Current - Peak Output (Source, Sink)	3A, 7A
Package	Tape & Reel (TR)	Channel Type	Single
Operating Temperature	-40°C ~ 150°C (TJ)	Base Product Number	MAX5048
Number of Drivers	1		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX5048CAUT+T

Product Attribute				
Part Number	MAX5048CAUT+T	MAX5048BAUT#TG16	MAX5048BAUT+T	MAX5048BATT
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	-	-	-	-
Channel Type	Single	Single	Single	Single
Input Type	Inverting, Non-Inverting	Inverting, Non-Inverting	Inverting, Non-Inverting	Inverting, Non-Inverting
Base Product Number	MAX5048	MAX5048	MAX5048	MAX5048
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Package / Case	SOT-23-6	SOT-23-6	SOT-23-6	6-WDFN Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Driven Configuration	Low-Side	Low-Side	Low-Side	Low-Side
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TA)
Logic Voltage - VIL, VIH	0.8V, 2V	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V
Supplier Device Package	SOT-6	SOT-6	SOT-6	6-TDFN-EP (3x3)
Number of Drivers	1	1	1	2
Rise / Fall Time (Typ)	28ns, 13ns	82ns, 12.5ns	82ns, 12.5ns	8ns, 3.2ns
Current - Peak Output (Source, Sink)	3A, 7A	1.3A, 7.6A	1.3A, 7.6A	1.3A, 7.6A
Gate Type	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET
Voltage - Supply	4V ~ 14V	4V ~ 12.6V	4V ~ 12.6V	4V ~ 12.6V

### MAX5048CAUT+T Datasheet PDF

Download MAX5048CAUT+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5048CAUT+T - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX5048C.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)



















[Red Phosphorous Certificate.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

### Customers Also Interested in

#### Recommended Products

 <b>MAX504ESD</b> Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC	 <b>MAX5048BAUT#TG16</b> Analog Devices Inc./Maxim Integrated IC GATE DRVR LOW-SIDE SOT23-6	 <b>MAX504CSD</b> Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC	 <b>MAX5051AUI</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR MULT TOP 28TSSOP	 <b>MAX5048CAUT</b> MAXIM	 <b>MAX504CSD+</b> Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC
 <b>MAX504ESD+</b> Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC	 <b>MAX5048BAUT+T</b> Analog Devices Inc./Maxim Integrated IC GATE DRVR LOW-SIDE SOT23-6	 <b>MAX5048BAUT#TDCAC</b> Analog Devices / Maxim Integrated	 <b>MAX504CPD</b> Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14DIP	 <b>MAX5048BATT</b> Analog Devices Inc./Maxim Integrated 7.6A, 12NS, TDFN, MOSFET DRIVER	 <b>MAX5048BAUT#TDG16</b> Analog Devices / Maxim Integrated
 <b>MAX504CSD-T</b> Analog Devices / Maxim Integrated	 <b>MAX504CSD+T</b> Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC	 <b>MAX5048CAUT+</b>	 <b>MAX5048BAUT</b> Analog Devices Inc./Maxim Integrated 7.6A, 12NS, TDFN, MOSFET DRIVER	 <b>MAX5048BAUT#TCAC</b> Analog Devices / Maxim Integrated	 <b>MAX504ESD+T</b> Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC

## 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

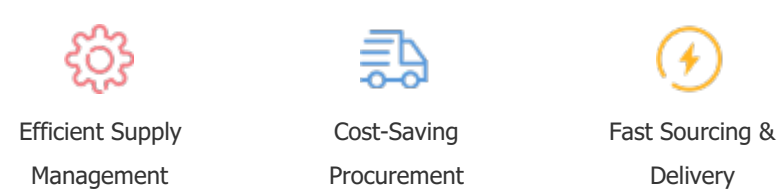
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

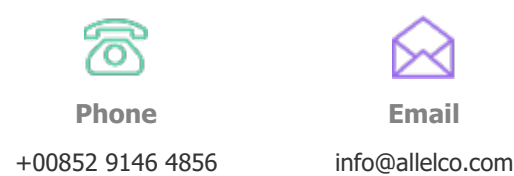
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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