

Image may be representation.  
See specifications for product details.



## MAX6966ATE+T

Manufacturer Part Number	<b>MAX6966ATE+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX6966ATE+T
ECAD Model	Request Free CAD Models
Parts Description	IC LED DRIVER LINEAR 20MA 16TQFN
Package	16-WFQFN Exposed Pad
Data sheet	<b>MAX6966,67.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX6966ATE+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX6966ATE+T datasheet/specifications on AllelcoElec.com. Request a quote for MAX6966ATE+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX6966ATE+T Tech Specifications  
MAX6966ATE+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Supply (Min)	2.25V	Number of Outputs	10
Voltage - Supply (Max)	3.6V	Mounting Type	Surface Mount
Voltage - Output	7V	Internal Switch(s)	Yes
Type	Linear	Frequency	-
Topology	-	Dimming	-
Supplier Device Package	16-TQFN (3x3)	Current - Output / Channel	20mA
Series	-	Base Product Number	MAX6966
Package / Case	16-WFQFN Exposed Pad	Applications	Backlight
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX6966ATE+T

Product Attribute				
Part Number	MAX6966ATE+T	MAX6966AEE+	MAX6969AUG+T	MAX6964ATG+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Current - Output / Channel	20mA	20mA	55mA	50mA
Applications	Backlight	Backlight	Signage	Backlight
Type	Linear	Linear	Linear	Linear
Internal Switch(s)	Yes	Yes	Yes	Yes
Topology	-	-	Shift Register	-
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Package / Case	16-WFQFN Exposed Pad	16-SSOP (0.154', 3.90mm Width)	24-TSSOP (0.173', 4.40mm Width)	24-WFQFN Exposed Pad
Number of Outputs	10	10	16	17
Voltage - Supply (Min)	2.25V	2.25V	3V	2V
Supplier Device Package	16-TQFN (3x3)	16-QSOP	24-TSSOP	24-TQFN (4x4)
Base Product Number	MAX6966	MAX6966	MAX6969	MAX6964
Voltage - Output	7V	7V	5.5V	7V
Frequency	-	-	-	400kHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Dimming	-	-	-	-
Series	-	-	-	-
Voltage - Supply (Max)	3.6V	3.6V	5.5V	3.6V
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube

### MAX6966ATE+T Datasheet PDF

Download MAX6966ATE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX6966ATE+T - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX6966,67.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

## Application Notes



Port Expanders for Flip-Cell Phones Save Cost and .pdf



LEDs Are Still Popular (and Improving) after All T.pdf



Using Maxim SPI-compatible Display Drivers with ot.pdf



Driving LEDs with Constant Current Port Expander O.pdf

## Customers Also Interested in

### Recommended Products



#### MAX6966AEE+

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 20MA 16QSOP



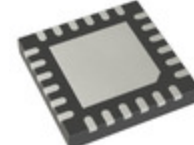
#### MAX6969AUG+T

Analog Devices Inc./Maxim Integrated  
IC LED DRVR LINEAR 55MA 24TSSOP



#### MAX696CWE

Analog Devices Inc./Maxim Integrated  
IC SUPERVISOR 2 CHANNEL 16SOIC



#### MAX6964ATG+

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 50MA 24TQFN



#### MAX6964AEG+T

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 50MA 24QSOP



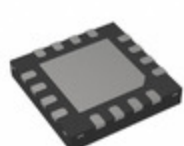
#### MAX696MJE/883B

Analog Devices Inc./Maxim Integrated  
IC SUPERVISOR 2 CHANNEL 16CDIP



#### MAX6969AUG+

Analog Devices Inc./Maxim Integrated  
IC LED DRVR LINEAR 55MA 24TSSOP



#### MAX6964ATG

Analog Devices / Maxim Integrated



#### MAX6965ATE+T

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 50MA 16TQFN



#### MAX6968APE+

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 55MA 16DIP



#### MAX696CPE

Analog Devices Inc./Maxim Integrated  
IC SUPERVISOR 2 CHANNEL 16DIP



#### MAX6965AEE+

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 50MA 16QSOP



#### MAX6966ATE

Analog Devices / Maxim Integrated



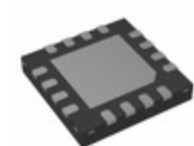
#### MAX6966AEE+T

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 20MA 16QSOP



#### MAX6967AEE+T

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 20MA 16QSOP



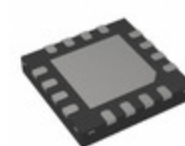
#### MAX6966ATE+

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 20MA 16TQFN



#### MAX6969AWG+T

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 55MA 24SOIC



#### MAX6965ATE+

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER LINEAR 50MA 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



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