

Image may be representation.  
See specifications for product details.



## MAX16814AUP+T

Manufacturer Part Number **MAX16814AUP+T**

Manufacturer **Maxim Integrated**

Allelco Part Number **32D-MAX16814AUP+T**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC LED DRVR CTRLR PWM 20TSSOP**

Package **20-TSSOP (0.173", 4.40mm Width) Exposed Pad**

Data sheet **[MAX16814 Series Datasheet.pdf](#)**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

MAX16814AUP+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX16814AUP+T datasheet/specifications on AllelcoElec.com.

Request a quote for MAX16814AUP+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX16814AUP+T Tech Specifications

MAX16814AUP+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)	4.75V	Number of Outputs	4
Voltage - Supply (Max)	40V	Mounting Type	Surface Mount
Voltage - Output	-	Internal Switch(s)	No
Type	DC DC Controller	Frequency	200kHz ~ 2MHz
Topology	SEPIC, Step-Down (Buck), Step-Up (Boost)	Dimming	PWM
Supplier Device Package	20-TSSOP-EP	Current - Output / Channel	150mA
Series	-	Base Product Number	MAX16814
Package / Case	20-TSSOP (0.173", 4.40mm Width) Exposed Pad	Applications	Backlight, Lighting
Package	Tape & Reel (TR)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX16814AUP+T

Product Attribute				
Part Number	MAX16814AUP+T	<a href="#">MAX16814BUTP+T</a>	<a href="#">MAX16813AUP/V+T</a>	<a href="#">MAX16814CATP/V+T</a>
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Topology	SEPIC, Step-Down (Buck), Step-Up (Boost)	SEPIC, Step-Down (Buck), Step-Up (Boost)	SEPIC, Step-Up (Boost)	SEPIC, Step-Down (Buck), Step-Up (Boost)
Number of Outputs	4	4	4	4
Voltage - Supply (Min)	4.75V	4.75V	4.75V	4.75V
Applications	Backlight, Lighting	Automotive, Backlight, Lighting	Automotive, Backlight, Lighting	Automotive, Backlight, Lighting
Supplier Device Package	20-TSSOP-EP	20-TQFN (4x4)	20-TSSOP-EP	20-TQFN (4x4)
Dimming	PWM	PWM	PWM	PWM
Internal Switch(s)	No	No	No	No
Type	DC DC Controller	DC DC Controller	DC DC Controller	DC DC Controller
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Max)	40V	40V	40V	40V
Current - Output / Channel	150mA	150mA	150mA	150mA
Package / Case	20-TSSOP (0.173", 4.40mm Width) Exposed Pad	20-WFQFN Exposed Pad	20-TSSOP (0.173", 4.40mm Width) Exposed Pad	20-WFQFN Exposed Pad
Frequency	200kHz ~ 2MHz	200kHz ~ 2MHz	200kHz ~ 2MHz	200kHz ~ 2MHz
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Base Product Number	MAX16814	MAX16814	MAX16813	MAX16814
Series	-	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Voltage - Output	-	-	-	-

## MAX16814AUP+T Datasheet PDF

Download MAX16814AUP+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX16814AUP+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX16814 Series Datasheet.pdf](#)

### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration MAX16814AUP+T.pdf](#)

### Part Numbering Guide

[Part Numbering System.pdf](#)

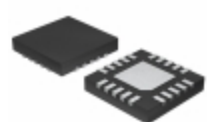
## Application Notes



Overcome the Challenges of Integrating High-Bright.pdf

## Customers Also Interested in

### Recommended Products



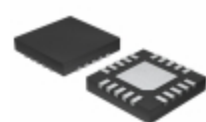
#### MAX16814BUTP+T

Analog Devices Inc./Maxim Integrated  
IC LED DRV CTRL PWM 150MA 20TQFN



#### MAX16813AUP/V+T

Analog Devices Inc./Maxim Integrated  
IC LED DRVR CTRLR PWM 20TSSOP



#### MAX16814CATP/V+T

Analog Devices Inc./Maxim Integrated  
IC LED DRV CTRL PWM 150MA 20TQFN



#### MAX16814BEUP+T

Analog Devices Inc./Maxim Integrated  
IC LED DRVR CTRLR PWM 20TSSOP



#### MAX16814AUP/V+T

Analog Devices Inc./Maxim Integrated  
IC LED DRVR CTRLR PWM 20TSSOP



#### MAX16814ATP/V+C85

Analog Devices / Maxim Integrated



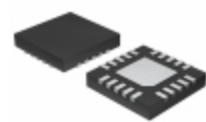
#### MAX16814AUP/V

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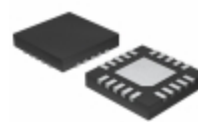
#### MAX16813AUP/V+

Analog Devices Inc./Maxim Integrated  
IC LED DRVR CTRLR PWM 20TSSOP



#### MAX16814ATP+T

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IC LED DRV CTRL PWM 150MA 20TQFN



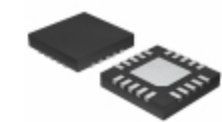
#### MAX16813ATP/V+T

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IC LED DRV CTRL PWM 150MA 20TQFN



#### MAX16814AP/V+T

Analog Devices / Maxim Integrated



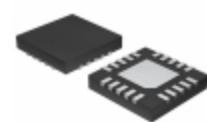
#### MAX16814ATP/V+

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#### MAX16814CAGP/VY+T

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IC LED DRV CTRL PWM 150MA 20QFND



#### MAX16813BATP/V+T

Analog Devices Inc./Maxim Integrated  
IC LED DRV CTRL PWM 150MA 20TQFN



#### MAX16814AUP

Analog Devices / Maxim Integrated



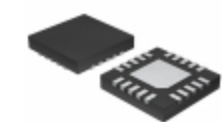
#### MAX16814BUUP+

Analog Devices Inc./Maxim Integrated  
IC LED DRVR CTRLR PWM 20TSSOP



#### MAX16814AUP/VOX

Analog Devices / Maxim Integrated



#### MAX16814ATP/V+T

Analog Devices Inc./Maxim Integrated  
IC LED DRV CTRL PWM 150MA 20TQFN

## 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

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Email

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### Certifications & Memberships



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