

Image may be representation.  
See specifications for product details.



## MAX5974AETE+

Manufacturer Part Number	<b>MAX5974AETE+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX5974AETE+
ECAD Model	Request Free CAD Models
Parts Description	IC OFFLINE SWITCH FWD 16TQFN
Package	16-WFQFN Exposed Pad
Data sheet	<b>MAX5974A,B,C,D.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX5974AETE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX5974AETE+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX5974AETE+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX5974AETE+ Tech Specifications

MAX5974AETE+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	7V ~ 26V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Start Up	16 V	Mounting Type	Surface Mount
Voltage - Breakdown	-	Internal Switch(s)	No
Topology	Forward	Frequency - Switching	100kHz ~ 600kHz
Supplier Device Package	16-TQFN (3x3)	Fault Protection	Current Limiting, Over Temperature, Short Circuit
Series	-	Duty Cycle	80%
Package / Case	16-WFQFN Exposed Pad	Control Features	EN, Frequency Control, Soft Start, Sync
Package	Strip	Base Product Number	MAX5974

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX5974AETE+

Product Attribute				
Part Number	MAX5974AETE+	MAX5974AETE+T	MAX5974EETE+T	MAX5974CETE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Base Product Number	MAX5974	MAX5974	MAX5974	MAX5974
Voltage - Start Up	16 V	16 V	16 V	16 V
Voltage - Breakdown	-	-	-	-
Output Isolation	Isolated	Isolated	Non-Isolated	Isolated
Package / Case	16-WFQFN Exposed Pad	16-WFQFN Exposed Pad	16-WFQFN Exposed Pad	16-WFQFN Exposed Pad
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Duty Cycle	80%	80%	80%	80%
Internal Switch(s)	No	No	No	No
Topology	Forward	Forward	Flyback	Forward
Supplier Device Package	16-TQFN (3x3)	16-TQFN (3x3)	16-TQFN (3x3)	16-TQFN (3x3)
Series	-	-	-	-
Frequency - Switching	100kHz ~ 600kHz	100kHz ~ 600kHz	100kHz ~ 600kHz	100kHz ~ 600kHz
Control Features	EN, Frequency Control, Soft Start, Sync	EN, Frequency Control, Soft Start, Sync	EN, Frequency Control, Soft Start, Sync	EN, Frequency Control, Soft Start, Sync
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	7V ~ 26V	7V ~ 26V	7V ~ 26V	7V ~ 26V
Fault Protection	Current Limiting, Over Temperature, Short Circuit	Current Limiting, Over Temperature, Short Circuit	Current Limiting, Over Temperature, Short Circuit	Current Limiting, Over Temperature, Short Circuit
Package	Strip	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

### MAX5974AETE+ Datasheet PDF

Download MAX5974AETE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5974AETE+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX5974A,B,C,D.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

#### Application Notes

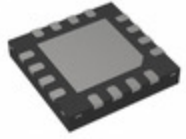
High-Efficiency, Low Cost Flyback Converter Uses N.pdf

Pasadena (MAXREFDES31#): 3.3V and 5V PoE Powered .pdf

High-Performance Class 2 Powered Device (PD) is Cu.pdf

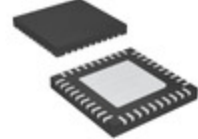
## Customers Also Interested in

### Recommended Products



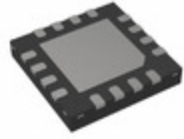
#### MAX5974DETE+

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR MULT TOP 16TQFN



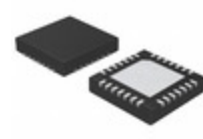
#### MAX5973BETL+T

Analog Devices Inc./Maxim Integrated  
IC SUPERVISOR 1 CHANNEL 40TQFN



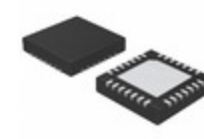
#### MAX5974AETE+T

Analog Devices Inc./Maxim Integrated  
IC OFFLINE SWITCH FWD 16TQFN



#### MAX5971AETI+T

Analog Devices Inc./Maxim Integrated  
IC POE CNTRL 1 CHANNEL 28TQFN



#### MAX5971BETI+T

Analog Devices Inc./Maxim Integrated  
IC POE CNTRL 1 CHANNEL 28TQFN



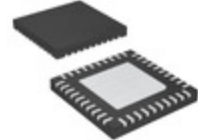
#### MAX5972AETE+T

Analog Devices Inc./Maxim Integrated  
IC POE CNTRL 1 CHANNEL 16TQFN



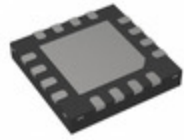
#### MAX5974AGTE+T

Analog Devices / Maxim Integrated



#### MAX5973BETL+

Analog Devices Inc./Maxim Integrated  
IC SUPERVISOR 1 CHANNEL 40TQFN



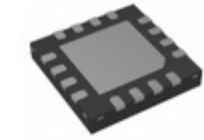
#### MAX5974DETE+T

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR MULT TOP 16TQFN



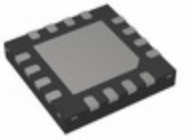
#### MAX5972BETE+T

Analog Devices Inc./Maxim Integrated  
IC POE CNTRL IEEE 802 TQFN



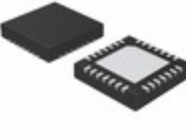
#### MAX5974EETE+T

Analog Devices Inc./Maxim Integrated  
IC OFFLINE SWITCH FLYBACK 16TQFN



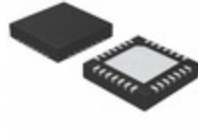
#### MAX5972CETE+T

Analog Devices Inc./Maxim Integrated  
IC OFFLINE SWITCH FWD 16TQFN



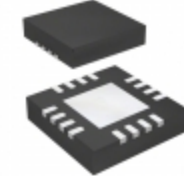
#### MAX5971BETI+T

Analog Devices Inc./Maxim Integrated  
IC POE CNTRL 1 CHANNEL 28TQFN



#### MAX5971AETI+T

Analog Devices Inc./Maxim Integrated  
IC POE CNTRL 1 CHANNEL 28TQFN



#### MAX5976AETE+T

Analog Devices Inc./Maxim Integrated  
IC HOT SWAP CTRLR GP 16TQFN



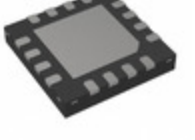
#### MAX5976AETE

Analog Devices / Maxim Integrated



#### MAX5971AETI

Analog Devices / Maxim Integrated



#### MAX5974BETE+T

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR MULT TOP 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