

Image may be representation.  
See specifications for product details.



## MAX5977AETP+T

Manufacturer Part Number	<b>MAX5977AETP+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX5977AETP+T
ECAD Model	Request Free CAD Models
Parts Description	IC HOT SWAP CTRLR GP 20TQFN
Package	20-WFQFN Exposed Pad
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX5977AETP+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX5977AETP+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX5977AETP+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX5977AETP+T Tech Specifications  
MAX5977AETP+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Channels	1
Voltage - Supply	2.7V ~ 16V	Mounting Type	Surface Mount
Type	Hot Swap Controller	Internal Switch(s)	No
Supplier Device Package	20-TQFN (4x4)	Features	Auto Retry
Series	VariableSpeed/BiLevel™	Current - Supply	734 µA
Programmable Features	Circuit Breaker, OVP, UVLO	Current - Output (Max)	-
Package / Case	20-WFQFN Exposed Pad	Base Product Number	MAX5977
Package	Tape & Reel (TR)	Applications	General Purpose
Operating Temperature	-40°C ~ 85°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX5977AETP+T

Product Attribute				
Part Number	MAX5977AETP+T	MAX5976AETE+	MAX5983AETE+T	MAX5976AETE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Current - Output (Max)	-	7A	-	7A
Base Product Number	MAX5977	MAX5976	MAX5983	MAX5976
Programmable Features	Circuit Breaker, OVP, UVLO	Circuit Breaker, UVLO	-	Circuit Breaker, UVLO
Package	Tape & Reel (TR)	Box	Tape & Reel (TR)	Tape & Reel (TR)
Features	Auto Retry	Auto Retry, Thermal Limit	-	Auto Retry, Thermal Limit
Package / Case	20-WFQFN Exposed Pad	16-WQFN Exposed Pad	-	16-WQFN Exposed Pad
Series	VariableSpeed/BiLevel™	-	-	-
Supplier Device Package	20-TQFN (4x4)	16-TQFN (5x5)	-	16-TQFN (5x5)
Type	Hot Swap Controller	Hot Swap Controller	-	Hot Swap Controller
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Internal Switch(s)	No	Yes	-	Yes
Voltage - Supply	2.7V ~ 16V	2.7V ~ 18V	-	2.7V ~ 18V
Current - Supply	734 µA	5 mA	-	5 mA
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-	-40°C ~ 85°C
Applications	General Purpose	General Purpose	-	General Purpose
Number of Channels	1	1	-	1

### MAX5977AETP+T Datasheet PDF

Download MAX5977AETP+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5977AETP+T - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

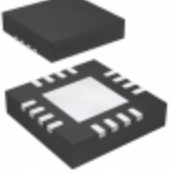
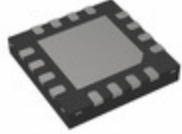

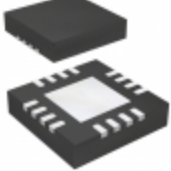

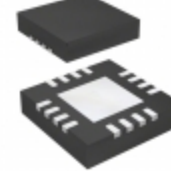
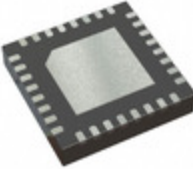
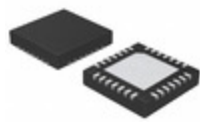




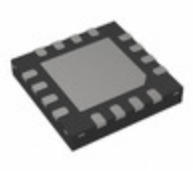

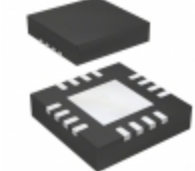

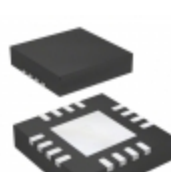
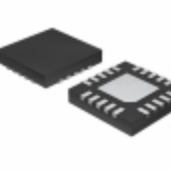
[Part Numbering System.pdf](#)

#### Application Notes

[Guidelines for the MAX5977s Critical Component Pla.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>MAX5976AETE+</b> Analog Devices Inc./Maxim Integrated IC HOT SWAP CTRLR GP 16TQFN	<b>MAX5974DETE+T</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR MULT TOP 16TQFN	<b>MAX5983AETE+T</b> Analog Devices Inc./Maxim Integrated IEEE 802.3AF/AT-COMPLIANT, POWER	<b>MAX5982CETE+T</b> Analog Devices Inc./Maxim Integrated IC POE CNTRL 1 CHANNEL 16TQFN	<b>MAX5986AETE</b> Analog Devices / Maxim Integrated	<b>MAX5982AETE+</b> Analog Devices Inc./Maxim Integrated IC CTRLR PD IEEE 802.3AF 16TQFN
					
<b>MAX5980GTJ+T</b> Analog Devices Inc./Maxim Integrated IC POE CNTRL 4 CHANNEL 32TQFN	<b>MAX5984AETI+T</b> Analog Devices Inc./Maxim Integrated IC POE CNTRL 1 CHANNEL 28TQFN	<b>MAX5976AETE</b> Analog Devices / Maxim Integrated	<b>MAX5976AETE+T</b> Analog Devices Inc./Maxim Integrated IC HOT SWAP CTRLR GP 16TQFN	<b>MAX5976BETE+T</b> Analog Devices Inc./Maxim Integrated IC HOT SWAP CTRLR GP 16TQFN	<b>MAX5982CETE</b> Analog Devices / Maxim Integrated
					
<b>MAX5974EETE+T</b> Analog Devices Inc./Maxim Integrated IC OFFLINE SWITCH FLYBACK 16TQFN	<b>MAX5980GTJ+</b> Analog Devices Inc./Maxim Integrated IC POE CNTRL 4 CHANNEL 32TQFN	<b>MAX5982CETE+</b> Analog Devices Inc./Maxim Integrated IC POE CNTRL 1 CHANNEL 16TQFN	<b>MAX5976BETE</b> Analog Devices / Maxim Integrated	<b>MAX5981BETE+T</b> Analog Devices Inc./Maxim Integrated IC POE CNTRL 1 CHANNEL 16TQFN	<b>MAX5977AETP+</b> Analog Devices Inc./Maxim Integrated IC HOT SWAP CTRLR GP 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.



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### Certifications & Memberships



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