



Image may be representation.
See specifications for product details.



MAX978EEE+T

Manufacturer Part Number	MAX978EEE+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX978EEE+T
ECAD Model	Request Free CAD Models
Parts Description	IC COMPARATOR 4 GEN PUR 16QSOP
Package	16-SSOP (0.154", 3.90mm Width)
Data sheet	MAX976,978,998.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX978EEE+T - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX978EEE+T datasheet/specifications on AllelcoElec.com. Request a quote for MAX978EEE+T, please send us email: info@allelco.com

Specifications

MAX978EEE+T Tech Specifications

MAX978EEE+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 ~ 85°C
Voltage - Supply, Single/Dual (±)	2.7V ~ 5.5V	Number of Elements	4
Voltage - Input Offset (Max)	2mV @ 5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	4mV
Supplier Device Package	16-QSOP	Current - Quiescent (Max)	650µA
Series	-	Current - Output (Typ)	-
Propagation Delay (Max)	28ns	Current - Input Bias (Max)	0.075µA @ 5.5V
Package / Case	16-SSOP (0.154", 3.90mm Width)	CMRR, PSRR (Typ)	95dB CMRR, 100dB PSRR
Package	Tape & Reel (TR)	Base Product Number	MAX978
Output Type	CMOS, Rail-to-Rail, TTL		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX978EEE+T

Product Attribute				
Part Number	MAX978EEE+T	MAX978EEE+	MAX978EEE	MAX978ESE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	-	-	-	-
Supplier Device Package	16-QSOP	16-QSOP	16-QSOP	16-SOIC
Type	General Purpose	General Purpose	General Purpose	General Purpose
CMRR, PSRR (Typ)	95dB CMRR, 100dB PSRR	95dB CMRR, 100dB PSRR	95dB, 100dB	95dB CMRR, 100dB PSRR
Current - Output (Typ)	-	-	-	-
Package	Tape & Reel (TR)	Tube	Bulk	Tape & Reel (TR)
Base Product Number	MAX978	MAX978	MAX978	MAX978
Output Type	CMOS, Rail-to-Rail, TTL	CMOS, Rail-to-Rail, TTL	Push-Pull, CMOS, TTL, Output	CMOS, Rail-to-Rail, TTL
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Hysteresis	4mV	4mV	4mV	4mV
Package / Case	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Input Offset (Max)	2mV @ 5V	2mV @ 5V	2mV @ 5.5V	2mV @ 5V
Voltage - Supply, Single/Dual (±)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Current - Quiescent (Max)	650µA	650µA	650µA	650µA
Propagation Delay (Max)	28ns	28ns	40ns	28ns
Current - Input Bias (Max)	0.075µA @ 5.5V	0.075µA @ 5.5V	0.3µA @ 5.5V	0.075µA @ 5.5V
Number of Elements	4	4	4	4

MAX978EEE+T Datasheet PDF

Download MAX978EEE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX978EEE+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX976,978,998.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

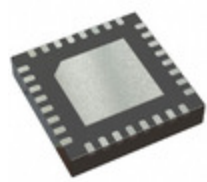
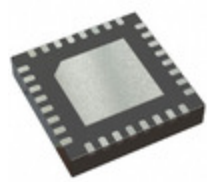

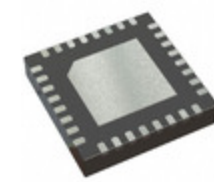
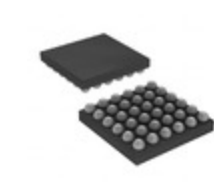



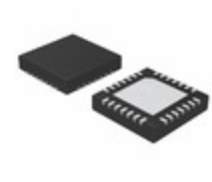
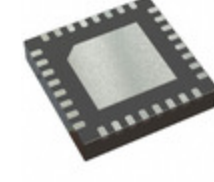




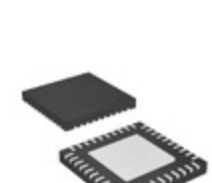
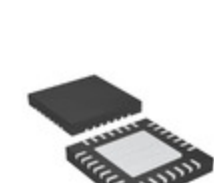
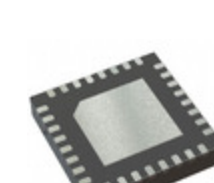

[Red Phosphorous Certificate.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)

Customers Also Interested in

Recommended Products

 MAX98088EWY+T Analog Devices Inc./Maxim Integrated IC CODEC AUDIO FLEXSOUND 63WLP	 MAX9789CETJ+ Analog Devices Inc./Maxim Integrated IC AMP CLASS AB STEREO 2W 32TQFN	 MAX978EEE+ Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 16QSOP	 MAX9789AETJ+T Analog Devices Inc./Maxim Integrated IC AMP CLASS AB STEREO 2W 32TQFN	 MAX9796EBX+TG45 Analog Devices Inc./Maxim Integrated IC AMP CLASS D MONO 2.3W 36UCSP	 MAX9789AETJ Analog Devices / Maxim Integrated
 MAX978EEE Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 16QSOP	 MAX98089EWY+T Analog Devices Inc./Maxim Integrated IC CODEC AUDIO FLEXSOUND 63WLP	 MAX9791AETI+ Analog Devices Inc./Maxim Integrated IC AMP CLASS D STER 2.2W 28TQFN	 MAX9790AETJ+T Analog Devices Inc./Maxim Integrated IC AMP CLASS AB STEREO 2W 32TQFN	 MAX978ESE Analog Devices / Maxim Integrated	 MAX9788EWP+TG45 Analog Devices Inc./Maxim Integrated IC AMP CLASS G MONO 2.4W 20WLP
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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

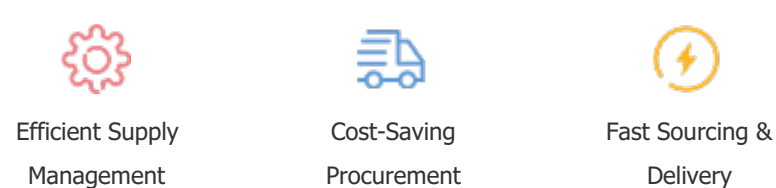
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

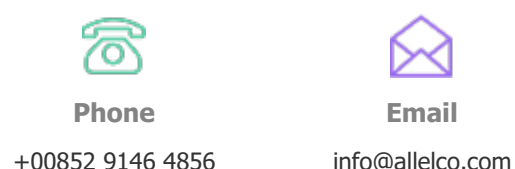
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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