

Image may be representation.  
See specifications for product details.



## MAX98090AETL+T

Manufacturer Part Number	<b>MAX98090AETL+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX98090AETL+T
ECAD Model	Request Free CAD Models
Parts Description	IC CODEC AUDIO I2S STER 40-TQFN
Package	40-WFQFN Exposed Pad
Data sheet	<b>MAX98090.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX98090AETL+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX98090AETL+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX98090AETL+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX98090AETL+T Tech Specifications  
MAX98090AETL+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package / Case	40-WFQFN Exposed Pad
Voltage - Supply, Digital	1.08V ~ 1.98V, 1.65V ~ 5.5V	Package	Tape & Reel (TR)
Voltage - Supply, Analog	1.65V ~ 3.6V	Operating Temperature	-40°C ~ 85°C
Type	Stereo Audio	Number of ADCs / DACs	2 / 2
Supplier Device Package	40-TQFN (5x5)	Mounting Type	Surface Mount
Sigma Delta	No	Dynamic Range, ADCs / DACs (db) Typ	99 / 102
Series	FlexSound™	Data Interface	I²C
S/N Ratio, ADCs / DACs (db) Typ	99 / 102	Base Product Number	MAX98090
Resolution (Bits)	24 b		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX98090AETL+T

Product Attribute				
Part Number	MAX98090AETL+T	MAX98089ETN+T	MAX98089EWY+T	MAX98090AETL+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Series	FlexSound™	FlexSound™	FlexSound™	FlexSound™
Supplier Device Package	40-TQFN (5x5)	56-TQFN (7x7)	63-WLP (3.28x3.78)	40-TQFN (5x5)
Base Product Number	MAX98090	MAX98089	MAX98089	MAX98090
Package / Case	40-WFQFN Exposed Pad	56-WFQFN Exposed Pad	63-WFBGA, WLPGA	40-WFQFN Exposed Pad
Number of ADCs / DACs	2 / 2	2 / 2	2 / 2	2 / 2
Data Interface	I²C	I²C, Serial	I²C, Serial	I²C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Resolution (Bits)	24 b	24 b	24 b	24 b
Voltage - Supply, Analog	1.65V ~ 3.6V	1.65V ~ 2V	1.65V ~ 2V	1.65V ~ 3.6V
S/N Ratio, ADCs / DACs (db) Typ	99 / 102	93 / 101	93 / 101	99 / 102
Voltage - Supply, Digital	1.08V ~ 1.98V, 1.65V ~ 5.5V	1.65V ~ 3.6V	1.65V ~ 3.6V	1.08V ~ 1.98V, 1.65V ~ 5.5V
Dynamic Range, ADCs / DACs (db) Typ	99 / 102	93 / 101	93 / 101	99 / 102
Type	Stereo Audio	Stereo Audio	Stereo Audio	Stereo Audio
Sigma Delta	No	No	No	No

### MAX98090AETL+T Datasheet PDF

Download MAX98090AETL+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX98090AETL+T - Analog Devices Inc./Maxim Integrated.

#### Environmental Information

- Maxim Integrated REACH.pdf
- Maxim Integrated RoHS Cert.pdf
- Red Phosphorous Certificate.pdf

#### Part Numbering Guide

- Part Numbering System.pdf

#### Application Notes





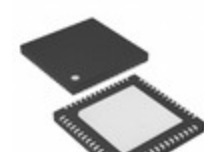


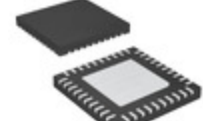

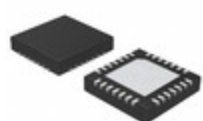
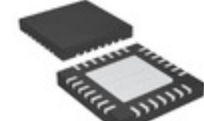







- 2.73KHz.pdf

#### HTML Datasheet

- MAX98090.pdf

## Customers Also Interested in

### Recommended Products

 <b>MAX9813HEKA+T</b> Analog Devices Inc./Maxim Integrated IC AMP CLASS AB MONO SOT23-8	 <b>MAX9790AETJ+T</b> Analog Devices Inc./Maxim Integrated IC AMP CLASS AB STEREO 2W 32TQFN	 <b>MAX98096EWF+T</b> Analog Devices Inc./Maxim Integrated AUDIO HUB FLEXSOUND PROCESSOR	 <b>MAX978ESE+T</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 16SOIC	 <b>MAX98089ETN+T</b> Analog Devices Inc./Maxim Integrated IC CODEC AUDIO FLEXSOUND 56TQFN	 <b>MAX98089EWY+T</b> Analog Devices Inc./Maxim Integrated IC CODEC AUDIO FLEXSOUND 63WLP
 <b>MAX9796EBX+TG45</b> Analog Devices Inc./Maxim Integrated IC AMP CLASS D MONO 2.3W 36UCSP	 <b>MAX98090AETL+</b> Analog Devices Inc./Maxim Integrated IC CODEC I2S AUDIO ULP 40TQFN	 <b>MAX98090AEWJ+T</b> Analog Devices Inc./Maxim Integrated IC CODEC AUDIO I2S STER 49-WLP	 <b>MAX9791AETI+</b> Analog Devices Inc./Maxim Integrated IC AMP CLASS D STER 2.2W 28TQFN	 <b>MAX9791CETI+</b> Analog Devices Inc./Maxim Integrated IC AMP AUDIO 2.2W STER D 28WQFN	 <b>MAX98090AEWJ</b> Analog Devices / Maxim Integrated
 <b>MAX98095EWG+T</b> Analog Devices Inc./Maxim Integrated MULTICHANNEL AUDIO HUB WITH FLEX	 <b>MAX9812LEXT+T</b> Analog Devices Inc./Maxim Integrated IC AMP CLASS AB MONO SC70-6	 <b>MAX978ESE</b> Analog Devices / Maxim Integrated	 <b>MAX98091EWN+T</b> Analog Devices Inc./Maxim Integrated IC CODEC AUDIO I2S ULP WLP	 <b>MAX98088EWY+T</b> Analog Devices Inc./Maxim Integrated IC CODEC AUDIO FLEXSOUND 63WLP	 <b>MAX9812HEXT+T</b> Analog Devices Inc./Maxim Integrated IC AMP CLASS AB MONO SC70-6

## 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

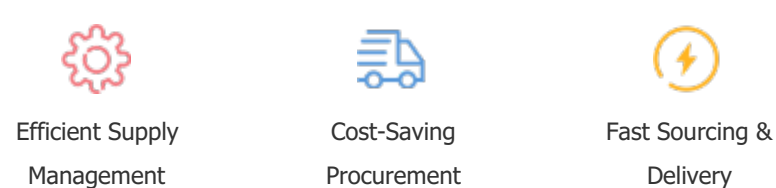
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### 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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