



Image may be representation.  
See specifications for product details.



## TS4871ID

Manufacturer Part Number	<b>TS4871ID</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TS4871ID
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC AMP CLASS AB MONO 1W 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>TS4871.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

TS4871ID - STMicroelectronics.New Original in Stock. Download Linear Technology TS4871ID datasheet/specifications on AllelcoElec.com.  
Request a quote for TS4871ID, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TS4871ID Tech Specifications  
TS4871ID - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	1-Channel (Mono)
Voltage - Supply	2.5V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Type	Class AB	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Max Output Power x Channels @ Load	1W x 1 @ 80hm
Series	-	Features	Depop, Standby, Thermal Protection
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TS4871
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS4871ID

Product Attribute				
Part Number	TS4871ID	<b>TS4881QT</b>	<b>TS486-11ST</b>	<b>TS48901QT</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	8-SOIC	8-DFN (2x2)	8-MiniSO	8-DFN (3x3)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Features	Depop, Standby, Thermal Protection	Depop, Short-Circuit Protection, Standby	Depop, Short-Circuit Protection, Standby	Depop, Standby, Thermal Protection
Voltage - Supply	2.5V ~ 5.5V	2.2V ~ 5.5V	2V ~ 5.5V	2.5V ~ 5.5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-UDFN Exposed Pad	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-VDFN Exposed Pad
Max Output Power x Channels @ Load	1W x 1 @ 80hm	130mW x 2 @ 160hm	108mW x 2 @ 160hm	1W x 1 @ 80hm
Series	-	-	-	-
Base Product Number	TS4871	TS488	TS486	TS4890
Type	Class AB	Class AB	Class AB	Class AB
Output Type	1-Channel (Mono)	Headphones, 2-Channel (Stereo)	Headphones, 2-Channel (Stereo)	1-Channel (Mono)

### TS4871ID Datasheet PDF

Download TS4871ID pdf datasheets and STMicroelectronics documentation for TS4871ID - STMicroelectronics.

#### Datasheets

[TS4871.pdf](#)

#### PCN Packaging

[Moisture Barrier Bag 09/May/2016.pdf](#)

#### PCN Obsolescence/ EOL

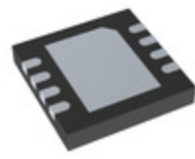
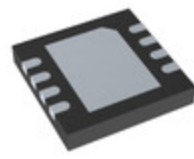
[MEMS and Sensors 27/Aug/2013.pdf](#)

[Mult Dev OBS 3/Mar/2020.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>TS4881QT</b>	<b>TS486-11ST</b>	<b>TS48551JT</b>	<b>TS48901QT</b>	<b>TS4861ST</b>	<b>TS4861DT</b>
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
IC AMP CLASS AB STER 130MW 8DFN	IC AMP AB STEREO 108MW 8MINISO		IC AMP CLASS AB MONO 1W 8DFN	IC AMP AB STEREO 108MW 8MINISO	IC AMP CLASS AB STEREO 108MW 8SO

**TS4890IDT**STMicroelectronics  
IC AMP CLASS AB MONO 1W 8SO**TS486IQT**STMicroelectronics  
IC AMP CLASS AB STER 108MW 8DFN**TS4871IQT**STMicroelectronics  
IC AMP CLASS AB MONO 1W 8DFN**TS4871IST**STMicroelectronics  
IC AMP CLASS AB MONO 1W 8MINISO**TS488IST**STMicroelectronics  
IC AMP AB STEREO 130MW 8MINISO**TS4871I**

STMicroelectronics

**TS486ID**STMicroelectronics  
IC AMP CLASS AB STEREO 108MW 8SO**TS486AIQT**

STMicroelectronics

**TS4872IJT**

STMicroelectronics

**TS4871IDT**STMicroelectronics  
IC AMP CLASS AB MONO 1W 8SO**TS487IDT**STMicroelectronics  
IC AMP CLASS AB STEREO 108MW 8SO**TS4871EIDT**STMicroelectronics  
IC AMP CLASS AB MONO 1W 8SO

## 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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 info@allelco.com

## Certifications & Memberships



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