



Image may be representation.  
See specifications for product details.



## TS924AIYDT

Manufacturer Part Number	<b>TS924AIYDT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TS924AIYDT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 4 CIRCUIT 14SO
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	<b>TS924(A).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TS924AIYDT - STMicroelectronics.New Original in Stock. Download Linear Technology TS924AIYDT datasheet/specifications on AllelcoElec.com.  
Request a quote for TS924AIYDT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TS924AIYDT Tech Specifications

TS924AIYDT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Min)	2.7 V	Number of Circuits	4
Voltage - Supply Span (Max)	12 V	Mounting Type	Surface Mount
Voltage - Input Offset	900 µV	Gain Bandwidth Product	4 MHz
Supplier Device Package	14-SO	Current - Supply	1mA
Slew Rate	1.3V/µs	Current - Output / Channel	80 mA
Series	Automotive, AEC-Q100	Current - Input Bias	15 nA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	TS924
Package	Tape & Reel (TR)	Amplifier Type	General Purpose
Output Type	Rail-to-Rail		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS924AIYDT

Product Attribute				
Part Number	TS924AIYDT	TS924AID	TS924IPT	TS924AIPT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Supply Span (Min)	2.7 V	2.7 V	2.7 V	2.7 V
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Supply Span (Max)	12 V	12 V	12 V	12 V
Current - Input Bias	15 nA	15 nA	15 nA	15 nA
Slew Rate	1.3V/µs	1.3V/µs	1.3V/µs	1.3V/µs
Gain Bandwidth Product	4 MHz	4 MHz	4 MHz	4 MHz
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	TS924	TS924	TS924	TS924
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Current - Output / Channel	80 mA	80 mA	80 mA	80 mA
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input Offset	900 µV	900 µV	3 mV	900 µV
Current - Supply	1mA	1mA	1mA	1mA
Number of Circuits	4	4	4	4
Supplier Device Package	14-SO	14-SO	14-TSSOP	14-TSSOP
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)	14-TSSOP (0.173", 4.40mm Width)

### TS924AIYDT Datasheet PDF

Download TS924AIYDT pdf datasheets and STMicroelectronics documentation for TS924AIYDT - STMicroelectronics.

#### Datasheets

[TS924\(A\).pdf](#)

#### PCN Design/Specification

[SO8/SO14 Pkg Material Set Chg 10/Jun/2016.pdf](#)

#### PCN Assembly/Origin

[AMS-AAS/14/8632 05/Aug/2014.pdf](#)

## Customers Also Interested in

### Recommended Products



**TS924AID**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14SO



**TS924IPT**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14TSSOP



**TS924AIDT/DEL**

STMicroelectronics



**TS924AIPT**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14TSSOP



**TS924AIN**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14DIP



**TS922IYPT**

STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8TSSOP



**TS924I**

STMicroelectronics



**TS924IYPT**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14TSSOP



**TS924ID**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14SO



**TS924IDT**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14SO



**TS924AIYPT**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14TSSOP



**TS922IPT**

STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8TSSOP



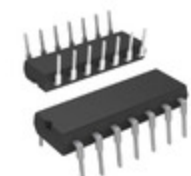
**TS925AID**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 16SO



**TS922IYDT**

STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8SOIC



**TS924IN**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14DIP



**TS925AI**

STMicroelectronics



**TS924IYDT**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14SO



**TS924AIDT**

STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14SO

## 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.



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### Certifications & Memberships



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