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See specifications for product details.



## TSV324IYPT

Manufacturer Part Number	<b>TSV324IYPT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TSV324IYPT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OPAMP GP 4 CIRCUIT 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>TSV321(A), 358(A), 324(A).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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TSV324IYPT - STMicroelectronics.New Original in Stock. Download Linear Technology TSV324IYPT datasheet/specifications on AllelcoElec.com.  
Request a quote for TSV324IYPT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TSV324IYPT Tech Specifications  
TSV324IYPT - 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)	2.5 V	Number of Circuits	4
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	200 µV	Gain Bandwidth Product	1.4 MHz
Supplier Device Package	14-TSSOP	Current - Supply	500µA
Slew Rate	0.6V/µs	Current - Output / Channel	80 mA
Series	Automotive, AEC-Q100	Current - Input Bias	70 nA
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	TSV324
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 TSV324IYPT

Product Attribute				
Part Number	TSV324IYPT	<b>TSV324IYPT</b>	<b>TSV358IYPT</b>	<b>TSV358IPT</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Supplier Device Package	14-TSSOP	14-TSSOP	8-TSSOP	8-TSSOP
Current - Output / Channel	80 mA	80 mA	80 mA	80 mA
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Slew Rate	0.6V/µs	0.6V/µs	0.6V/µs	0.6V/µs
Voltage - Supply Span (Min)	2.5 V	2.5 V	2.5 V	2.5 V
Current - Supply	500µA	500µA	500µA	500µA
Current - Input Bias	70 nA	70 nA	70 nA	70 nA
Base Product Number	TSV324	TSV324	TSV358	TSV358
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of Circuits	4	4	2	2
Gain Bandwidth Product	1.4 MHz	1.4 MHz	1.4 MHz	1.4 MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-TSSOP (0.173", 4.40mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-TSSOP (0.173", 4.40mm Width)
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Voltage - Input Offset	200 µV	100 µV	100 µV	200 µV

### TSV324IYPT Datasheet PDF

Download TSV324IYPT pdf datasheets and STMicroelectronics documentation for TSV324IYPT - STMicroelectronics.

#### Datasheets

[TSV321\(A\), 358\(A\), 324\(A\).pdf](#)

#### PCN Packaging

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



















[Box Label Chg 28/Jul/2016.pdf](#)

#### PCN Design/Specification

[Mult Dev Des Chg 20/May/2020.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>TSV324AIYPT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14TSSOP	<b>TSV358AIYPT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8TSSOP	<b>TSV358IPT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8TSSOP	<b>TSV321RAIYLT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	<b>TSV324ID</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO	<b>TSV324IPT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14TSSOP
					
<b>TSV324AIYDT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO	<b>TSV358AIST</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINISO	<b>TSV321RIYLT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	<b>TSV358IDT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	<b>TSV358IYDT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	<b>TSV324IDT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO
					
<b>TSV321RILT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	<b>TSV358AIYDT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	<b>TSV324AIDT</b> STMicroelectronics	<b>TSV358AID</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SO	<b>TSV358AIDT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SO	<b>TSV358IST</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINISO

## 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

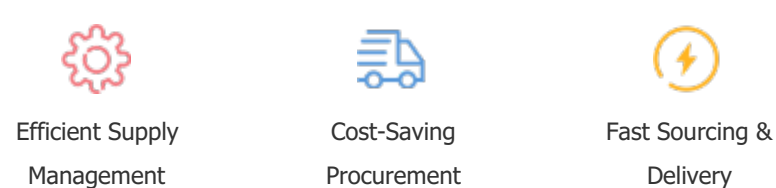
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### 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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