



Image may be representation.  
See specifications for product details.



## TSV321RAIYLT

Manufacturer Part Number	<b>TSV321RAIYLT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TSV321RAIYLT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 1 CIRCUIT SOT23-5
Package	SC-74A, SOT-753
Data sheet	<b>TSV321(A), 358(A), 324(A).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TSV321RAIYLT - STMicroelectronics. New Original in Stock. Download Linear Technology TSV321RAIYLT datasheet/specifications on AllelcoElec.com.  
Request a quote for TSV321RAIYLT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TSV321RAIYLT Tech Specifications

TSV321RAIYLT - 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	1
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	100 µV	Gain Bandwidth Product	1.4 MHz
Supplier Device Package	SOT-23-5	Current - Supply	500µA
Slew Rate	0.6V/µs	Current - Output / Channel	80 mA
Series	Automotive, AEC-Q100	Current - Input Bias	70 nA
Package / Case	SC-74A, SOT-753	Base Product Number	TSV321
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 TSV321RAIYLT

Product Attribute				
Part Number	TSV321RAIYLT	TSV324AIYPT	TSV321RIYLT	TSV324IPT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Gain Bandwidth Product	1.4 MHz	1.4 MHz	1.4 MHz	1.4 MHz
Base Product Number	TSV321	TSV324	TSV321	TSV324
Voltage - Supply Span (Min)	2.5 V	2.5 V	2.5 V	2.5 V
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Number of Circuits	1	4	1	4
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Input Bias	70 nA	70 nA	70 nA	70 nA
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input Offset	100 µV	100 µV	200 µV	200 µV
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Supply	500µA	500µA	500µA	500µA
Slew Rate	0.6V/µs	0.6V/µs	0.6V/µs	0.6V/µs
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Supplier Device Package	SOT-23-5	14-TSSOP	SOT-23-5	14-TSSOP
Current - Output / Channel	80 mA	80 mA	80 mA	80 mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package / Case	SC-74A, SOT-753	14-TSSOP (0.173", 4.40mm Width)	SC-74A, SOT-753	14-TSSOP (0.173", 4.40mm Width)

### TSV321RAIYLT Datasheet PDF

Download TSV321RAIYLT pdf datasheets and STMicroelectronics documentation for TSV321RAIYLT - STMicroelectronics.

#### Datasheets

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

#### PCN Packaging



















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

#### PCN Assembly/Origin

[New Lead-Frame 01/Sep/2020.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>TSV324AIYPT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14TSSOP	 <b>TSV321RIYLT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	 <b>TSV324IPT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14TSSOP	 <b>TSV324ID</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO	 <b>TSV250-130F-2</b> Littelfuse Inc. PTC RESET FUSE 60V 130MA 2SMD	 <b>TSV30120CG</b> AMI Semiconductor/onsemi
 <b>TSV324IYPT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14TSSOP	 <b>TSV20120CG</b> AMI Semiconductor/onsemi	 <b>TSV30100SG</b> AMI Semiconductor/onsemi	 <b>TSV30100CG</b> ON	 <b>TSV321RAILT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	 <b>TSV324AIYDT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO
 <b>TSV324IDT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO	 <b>TSV30100CH</b> AMI Semiconductor/onsemi	 <b>TSV321RILT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	 <b>TSV321IDT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT 8SOIC	 <b>TSV250-130F-B-0.5-2</b> Littelfuse Inc. PTC RESET FUSE 60V 130MA 2SMD	 <b>TSV324AIDT</b> STMicroelectronics

## 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

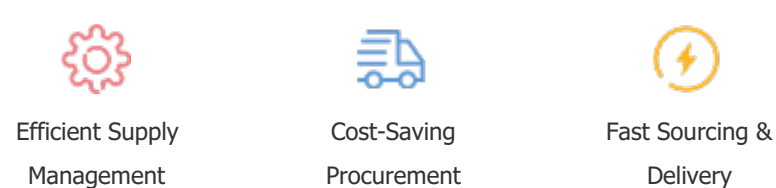
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### 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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