



Image may be representation.  
See specifications for product details.



## TSV632AIDT

Manufacturer Part Number	<b>TSV632AIDT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TSV632AIDT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>TSV63x(A).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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TSV632AIDT - STMicroelectronics. New Original in Stock. Download Linear Technology TSV632AIDT datasheet/specifications on AllelcoElec.com. Request a quote for TSV632AIDT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TSV632AIDT Tech Specifications

TSV632AIDT - 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)	1.5 V	Number of Circuits	2
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	800 µV	Gain Bandwidth Product	880 kHz
Supplier Device Package	8-SOIC	Current - Supply	50µA (x2 Channels)
Slew Rate	0.34V/µs	Current - Output / Channel	74 mA
Series	Automotive, AEC-Q100	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TSV632
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 TSV632AIDT

Product Attribute				
Part Number	TSV632AIDT	TSV632AIST	TSV632AILT	TSV632IDT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SOT-23-8	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC	8-MiniSO	SOT-23-8	8-SOIC
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Base Product Number	TSV632	TSV632	TSV632	TSV632
Number of Circuits	2	2	2	2
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Current - Supply	50µA (x2 Channels)	50µA (x2 Channels)	50µA (x2 Channels)	50µA (x2 Channels)
Voltage - Input Offset	800 µV	800 µV	800 µV	3 mV
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
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Gain Bandwidth Product	880 kHz	880 kHz	880 kHz	880 kHz
Slew Rate	0.34V/µs	0.34V/µs	0.34V/µs	0.34V/µs
Current - Output / Channel	74 mA	74 mA	74 mA	74 mA
Voltage - Supply Span (Min)	1.5 V	1.5 V	1.5 V	1.5 V

### TSV632AIDT Datasheet PDF

Download TSV632AIDT pdf datasheets and STMicroelectronics documentation for TSV632AIDT - STMicroelectronics.

#### Datasheets

[TSV63x\(A\).pdf](#)

#### PCN Packaging

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




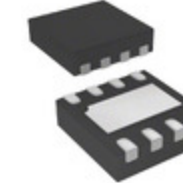






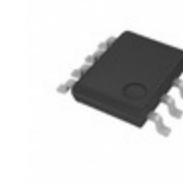





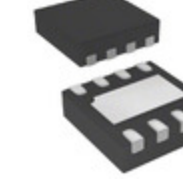
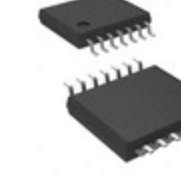
[Mult Dev Cover Tape Chg 14/Aug/2019.pdf](#)

#### PCN Assembly/Origin

[SO8 Assy 11-Apr-2022.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>TSV632AIST</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINISO	<b>TSV632AILT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT SOT23-8	<b>TSV632IDT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	<b>TSV630IQ2T</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT 8DFN	<b>TSV632IYDT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	<b>TSV634IPT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14TSSOP
					
<b>TSV630AILT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-6	<b>TSV630ICT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SC70-6	<b>TSV631AICT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SC70-5	<b>TSV631AILT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	<b>TSV632IST</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINISO	<b>TSV630ILT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-6
					
<b>TSV631IYLT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	<b>TSV631ICT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SC70-5	<b>TSV632ILT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT SOT23-8	<b>TSV634AIPT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14TSSOP	<b>TSV632IQ2T</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8DFN	<b>TSV6294IPT</b> STMicroelectronics IC CMOS 4 CIRCUIT 14TSSOP

## 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

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  - > 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.  
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