



Image may be representation.
See specifications for product details.



TSV358IDT

Manufacturer Part Number	TSV358IDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TSV358IDT
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	TSV321(A), 358(A), 324(A).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TSV358IDT - STMicroelectronics.New Original in Stock. Download Linear Technology TSV358IDT datasheet/specifications on AllelcoElec.com.
Request a quote for TSV358IDT, please send us email: info@allelco.com

Specifications

TSV358IDT Tech Specifications
TSV358IDT - 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	2
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	200 µV	Gain Bandwidth Product	1.4 MHz
Supplier Device Package	8-SOIC	Current - Supply	500µA
Slew Rate	0.6V/µs	Current - Output / Channel	80 mA
Series	Automotive, AEC-Q100	Current - Input Bias	70 nA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TSV358
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 TSV358IDT

Product Attribute				
Part Number	TSV358IDT	TSV522IST	TSV358IYDT	TSV521AICT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input Offset	200 µV	1 mV	200 µV	600 µV
Amplifier Type	General Purpose	CMOS	General Purpose	CMOS
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	-
Number of Circuits	2	2	2	1
Voltage - Supply Span (Min)	2.5 V	2.7 V	2.5 V	2.7 V
Current - Supply	500µA	45µA (x2 Channels)	500µA	45µA
Supplier Device Package	8-SOIC	8-MiniSO	8-SOIC	SC-70-5
Current - Input Bias	70 nA	1 pA	70 nA	1 pA
Slew Rate	0.6V/µs	0.89V/µs	0.6V/µs	0.89V/µs
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output / Channel	80 mA	55 mA	80 mA	55 mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Base Product Number	TSV358	TSV522	TSV358	TSV521
Gain Bandwidth Product	1.4 MHz	1.15 MHz	1.4 MHz	1.15 MHz
Voltage - Supply Span (Max)	6 V	5.5 V	6 V	5.5 V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	5-TSSOP, SC-70-5, SOT-353

TSV358IDT Datasheet PDF

Download TSV358IDT pdf datasheets and STMicroelectronics documentation for TSV358IDT - 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](#)

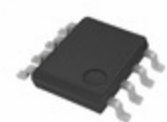
PCN Design/Specification

[New Material Set for SO8 & SO14 Pkg 18/Nov/2015.pdf](#)

 SO8 Assy 11-Apr-2022.pdf

Customers Also Interested in

Recommended Products



TSV5221ST
STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO



TSV3581YDT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC



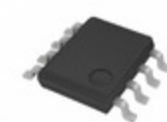
TSV521AICT
STMicroelectronics
IC CMOS 1 CIRCUIT SC70-5



TSV3581ST
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8MINISO



TSV358A1ST
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8MINISO



TSV522A1ST
STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO



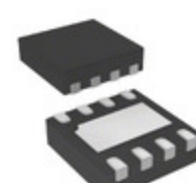
TSV358A1D
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SO



TSV522A1YST
STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO



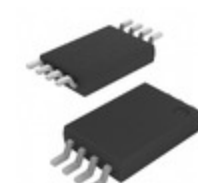
TSV324IYPT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP



TSV522IQ2T
STMicroelectronics
IC CMOS 2 CIRCUIT 8DFN



TSV324ID
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14SO



TSV358A1YPT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8TSSOP



TSV358A1DT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SO



TSV324IDT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14SO



TSV521ICT
STMicroelectronics
IC OPAMP GP 1 CIRCUIT SC70-5



TSV358A1YDT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC



TSV324IPT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP



TSV522AIQ2T
STMicroelectronics
IC CMOS 2 CIRCUIT 8DFN

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
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com