

Image may be representation.
See specifications for product details.



TSV358AIYPT

Manufacturer Part Number	TSV358AIYPT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TSV358AIYPT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OPAMP GP 2 CIRCUIT 8TSSOP
Package	8-TSSOP (0.173", 4.40mm Width)
Data sheet	TSV321(A), 358(A), 324(A).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TSV358AIYPT - STMicroelectronics. New Original in Stock. Download Linear Technology TSV358AIYPT datasheet/specifications on AllelcoElec.com. Request a quote for TSV358AIYPT, please send us email: info@allelco.com

Specifications

TSV358AIYPT Tech Specifications
TSV358AIYPT - 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	100 µV	Gain Bandwidth Product	1.4 MHz
Supplier Device Package	8-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	8-TSSOP (0.173", 4.40mm 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 TSV358AIYPT

Product Attribute				
Part Number	TSV358AIYPT	TSV522AIYST	TSV521AICT	TSV358AID
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Slew Rate	0.6V/µs	0.89V/µs	0.89V/µs	0.6V/µs
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	-	Automotive, AEC-Q100
Voltage - Input Offset	100 µV	600 µV	600 µV	100 µV
Gain Bandwidth Product	1.4 MHz	1.15 MHz	1.15 MHz	1.4 MHz
Base Product Number	TSV358	TSV522	TSV521	TSV358
Amplifier Type	General Purpose	CMOS	CMOS	General Purpose
Number of Circuits	2	2	1	2
Current - Input Bias	70 nA	1 pA	1 pA	70 nA
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Output / Channel	80 mA	55 mA	55 mA	80 mA
Current - Supply	500µA	45µA (x2 Channels)	45µA	500µA
Package / Case	8-TSSOP (0.173", 4.40mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	5-TSSOP, SC-70-5, SOT-353	8-SOIC (0.154", 3.90mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Voltage - Supply Span (Max)	6 V	5.5 V	5.5 V	6 V
Voltage - Supply Span (Min)	2.5 V	2.7 V	2.7 V	2.5 V
Supplier Device Package	8-TSSOP	8-MiniSO	SC-70-5	8-SO
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

TSV358AIYPT Datasheet PDF

Download TSV358AIYPT pdf datasheets and STMicroelectronics documentation for TSV358AIYPT - STMicroelectronics.

Datasheets

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

PCN Packaging

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

PCN Design/Specification

[Mult Dev Material Chgs 13/Oct/2020.pdf](#)



Mult Dev Site Add 15/Nov/2019.pdf

Customers Also Interested in

Recommended Products



TSV522AIYST
STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO



TSV521AICT
STMicroelectronics
IC CMOS 1 CIRCUIT SC70-5



TSV358AID
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SO



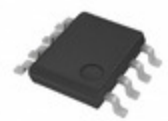
TSV521ICT
STMicroelectronics
IC OPAMP GP 1 CIRCUIT SC70-5



TSV324IDT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14SO



TSV358IYDT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC



TSV522AIIST
STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO



TSV324IYPT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP



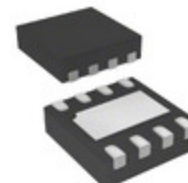
TSV358IST
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8MINISO



TSV324IPT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP



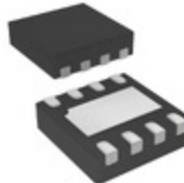
TSV358AIST
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8MINISO



TSV522AIQ2T
STMicroelectronics
IC CMOS 2 CIRCUIT 8DFN



TSV324AIYPT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP



TSV522IQ2T
STMicroelectronics
IC CMOS 2 CIRCUIT 8DFN



TSV358IDT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC



TSV358AIDT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SO



TSV324ID
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14SO



TSV358AIYDT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC

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
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Certifications & Memberships



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