TSV992AIDT

Manufacturer Part Number	TSV992AIDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TSV992AIDT
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	TSV99X(A).pdf
RoHS Status	ROHS3 Compliant

Get a Quote

Image may be representation.
See specifications for product details.

TSV992AIDT - STMicroelectronics.New Original in Stock. Download Linear Technology TSV992AIDT datasheet/specifications on AllelcoElec.com.
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Specifications

TSV992AIDT Tech Specifications
TSV992AIDT - 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)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	100 μV	Gain Bandwidth Product	20 MHz
Supplier Device Package	8-SOIC	Current - Supply	820μA (x2 Channels)
Slew Rate	10V/μs	Current - Output / Channel	35 mA
Series	Automotive, AEC-Q100	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TSV992
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 TSV992AIDT

Product Attribute				
Part Number	TSV992AIDT	TSV992AIYDT	TSV994AIPT	TSV991IYLT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Gain Bandwidth Product	20 MHz	20 MHz	20 MHz	20 MHz
Slew Rate	10V/μs	10V/μs	10V/μs	10V/μs
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Current - Supply	820μA (x2 Channels)	820μA (x2 Channels)	820μA (x4 Channels)	820μA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input Offset	100 μV	100 μV	100 μV	100 μV
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Current - Output / Channel	35 mA	35 mA	35 mA	35 mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)	SC-74A, SOT-753
Number of Circuits	2	2	4	1
Voltage - Supply Span (Min)	2.5 V	2.5 V	2.5 V	2.5 V
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	TSV992	TSV992	TSV994	TSV991
Supplier Device Package	8-SOIC	8-SOIC	14-TSSOP	SOT-23-5

TSV992AIDT Datasheet PDF

Download TSV992AIDT pdf datasheets and STMicroelectronics documentation for TSV992AIDT - STMicroelectronics.

Datasheets

TSV99X(A).pdf

PCN Packaging

Moisture Barrier Bag 09/May/2016.pdf
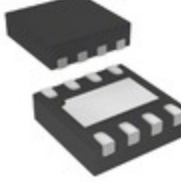
Mult Dev Cover Tape Chg 14/Aug/2019.pdf

PCN Assembly/Origin

SO8 Assy 11-Apr-2022.pdf

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Recommended Products

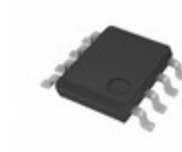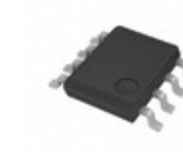|					
TSV992AIYDT	**TSV994AIPT**	**TSV991IYLT**	**TSV914IYDT**	**TSV994AIDT**	**TSV991AILT**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC	IC OPAMP GP 4 CIRCUIT 14TSSOP	IC OPAMP GP 1 CIRCUIT SOT23-5	IC OPAMP GP 4 CIRCUIT 14SO	IC OPAMP GP 4 CIRCUIT 14SO	IC OPAMP GP 1 CIRCUIT SOT23-5

NO PICTURE					
TSV991IYLTPRI	**TSV992IYDT**	**TSV991IQ2T**	**TSV991AIYDT**	**TSV991ILT**	**TSV992IDT**
RHSTMICRO	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
	IC OPAMP GP 2 CIRCUIT 8SOIC	IC OPAMP GP 1 CIRCUIT 8DFN	IC OPAMP GP 1 CIRCUIT 8SOIC	IC OPAMP GP 1 CIRCUIT SOT23-5	IC OPAMP GP 2 CIRCUIT 8SOIC

TSV991AIQ2T	**TSV914IYPT**	**TSV992AIST**	**TSV991AIYLT**	**TSV992IYST**	**TSV992IST**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
IC OPAMP GP 1 CIRCUIT 8DFN	IC OPAMP GP 4 CIRCUIT 14TSSOP	IC OPAMP GP 2 CIRCUIT 8MINISO	IC OPAMP GP 1 CIRCUIT SOT23-5	IC OPAMP GP 2 CIRCUIT 8MINISO	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

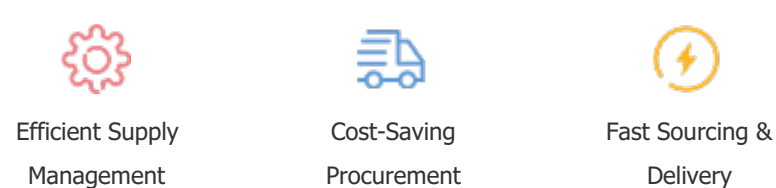| DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD$)
0.00kg-1.00kg	USD$60.00
1.00kg-2.00kg	USD$70.00
2.00kg-3.00kg	USD$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

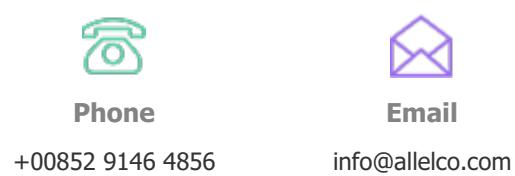Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.

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