



Image may be representation.
See specifications for product details.



TSV632IQ2T

Manufacturer Part Number	TSV632IQ2T
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TSV632IQ2T
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 2 CIRCUIT 8DFN
Package	8-UFDFN Exposed Pad
Data sheet	TSV63x(A).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TSV632IQ2T - STMicroelectronics.New Original in Stock. Download Linear Technology TSV632IQ2T datasheet/specifications on AllelcoElec.com.
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Specifications

TSV632IQ2T Tech Specifications

TSV632IQ2T - 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	3 mV	Gain Bandwidth Product	880 kHz
Supplier Device Package	8-DFN (2x2)	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-UFDFN Exposed Pad	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 TSV632IQ2T

Product Attribute				
Part Number	TSV632IQ2T	TSV634IQ4T	TSV6390ICT	TSV6311CT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	8-UFDFN Exposed Pad	16-VFQFN Exposed Pad	6-TSSOP, SC-88, SOT-363	5-TSSOP, SC-70-5, SOT-353
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Slew Rate	0.34V/µs	0.34V/µs	1.1V/µs	0.34V/µs
Voltage - Supply Span (Min)	1.5 V	1.5 V	1.5 V	1.5 V
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Supplier Device Package	8-DFN (2x2)	16-QFN (3x3)	SC-70-6	SC-70-5
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	-	-
Gain Bandwidth Product	880 kHz	880 kHz	2.4 MHz	880 kHz
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Base Product Number	TSV632	TSV634	TSV6390	TSV631
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Output / Channel	74 mA	74 mA	72 mA	74 mA
Current - Supply	50µA (x2 Channels)	60µA (x4 Channels)	60µA	60µA
Voltage - Input Offset	3 mV	3 mV	3 mV	3 mV
Number of Circuits	2	4	1	1

TSV632IQ2T Datasheet PDF

Download TSV632IQ2T pdf datasheets and STMicroelectronics documentation for TSV632IQ2T - STMicroelectronics.

Datasheets

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

PCN Packaging

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

Customers Also Interested in

Recommended Products

**TSV634IQ4T**STMicroelectronics
IC OPAMP GP 4 CIRCUIT 16QFN**TSV6390ICT**STMicroelectronics
IC OPAMP GP 1 CIRCUIT SC70-6**TSV631ICT**STMicroelectronics
IC OPAMP GP 1 CIRCUIT SC70-5**TSV635IPT**STMicroelectronics
IC OPAMP GP 4 CIRCUIT 16TSSOP**TSV6390ILT**STMicroelectronics
IC OPAMP GP 1 CIRCUIT SOT23-6**TSV634IPT**STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP**TSV6390AICT**STMicroelectronics
IC OPAMP GP 1 CIRCUIT SC70-6**TSV632AILT**STMicroelectronics
IC OPAMP GP 2 CIRCUIT SOT23-8**TSV631IYLT**STMicroelectronics
IC OPAMP GP 1 CIRCUIT SOT23-5**TSV631AILT**STMicroelectronics
IC OPAMP GP 1 CIRCUIT SOT23-5**TSV632AIST**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8MINISO**TSV632AIDT**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC**TSV634AIPT**STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP**TSV6390AILT**STMicroelectronics
IC OPAMP GP 1 CIRCUIT SOT23-6**TSV632IYDT**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC**TSV632IST**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8MINISO**TSV632IDT**STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC**TSV632ILT**STMicroelectronics
IC OPAMP GP 2 CIRCUIT SOT23-8

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.

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Cost-Saving Procurement



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Certifications & Memberships



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