

Image may be representation.
See specifications for product details.



TSV620AILT

Manufacturer Part Number	TSV620AILT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TSV620AILT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 1 CIRCUIT SOT23-6
Package	SOT-23-6
Data sheet	TSV620(A),621(A).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TSV620AILT - STMicroelectronics.New Original in Stock. Download Linear Technology TSV620AILT datasheet/specifications on AllelcoElec.com.
Request a quote for TSV620AILT, please send us email: info@allelco.com

Specifications

TSV620AILT Tech Specifications

TSV620AILT - 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	1
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	800 µV	Gain Bandwidth Product	420 kHz
Supplier Device Package	SOT-23-6	Current - Supply	29µA
Slew Rate	0.14V/µs	Current - Output / Channel	74 mA
Series	-	Current - Input Bias	1 pA
Package / Case	SOT-23-6	Base Product Number	TSV620
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 TSV620AILT

Product Attribute				
Part Number	TSV620AILT	TSV622AIST	TSV622IDT	TSV6192ID
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Series	-	-	-	-
Voltage - Input Offset	800 µV	1 mV	4 mV	4 mV
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C
Current - Supply	29µA	29µA	29µA	10.5µA
Number of Circuits	1	2	2	2
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Base Product Number	TSV620	TSV622	TSV622	TSV6192
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Gain Bandwidth Product	420 kHz	420 kHz	420 kHz	450 kHz
Slew Rate	0.14V/µs	0.14V/µs	0.14V/µs	0.08V/µs
Supplier Device Package	SOT-23-6	8-MiniSO	8-SOIC	8-SOIC
Current - Output / Channel	74 mA	74 mA	74 mA	63 mA
Voltage - Supply Span (Min)	1.5 V	1.5 V	1.5 V	1.5 V
Package / Case	SOT-23-6	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Amplifier Type	General Purpose	CMOS	CMOS	CMOS
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

TSV620AILT Datasheet PDF

Download TSV620AILT pdf datasheets and STMicroelectronics documentation for TSV620AILT - STMicroelectronics.

Datasheets

[TSV620\(A\),621\(A\).pdf](#)

PCN Packaging














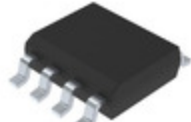

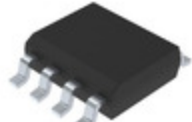


[Moisture Barrier Bag 09/May/2016.pdf](#)

PCN Assembly/Origin

[Stamped Lead Frames Source 20/Mar/2014.pdf](#)

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Recommended Products

					
TSV622AIST STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO	TSV622IDT STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	TSV6192ID STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	TSV6191ICT STMicroelectronics IC OPAMP GP 1 CIRCUIT SC70-5	TSV6211LT STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	TSV612IST STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO
					
TSV622AIDT STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	TSV622AILT STMicroelectronics IC CMOS 2 CIRCUIT SOT23-8	TSV622ID STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	TSV621AILT STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	TSV6192AID STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	TSV621AICT STMicroelectronics IC OPAMP GP 1 CIRCUIT SC70-5
					
TSV620ILT STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-6	TSV6192IDT STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	TSV6192IST STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO	TSV6192AIDT STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	TSV6191ILT STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	TSV621ICT STMicroelectronics IC OPAMP GP 1 CIRCUIT SC70-5

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

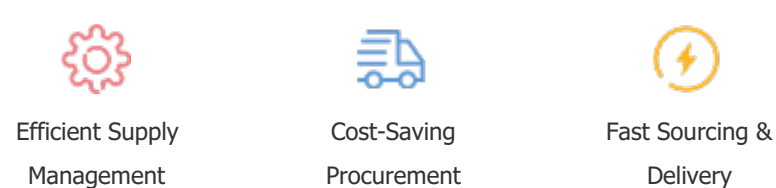
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

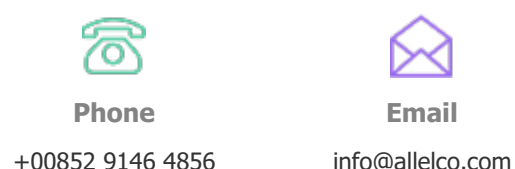
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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