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TSV612IDT

ECAD Model

RoHs Status

Parts Description

Manufacturer Part Number TSV612IDT

Manufacturer **STMicroelectronics**

Allelco Part Number 32D-TSV612IDT

PCB Symbol, Footprint & 3D Mode

8-SOIC (0.154", 3.90mm Width) Package

IC CMOS 2 CIRCUIT 8SOIC

ROHS3 Compliant

TSV61x(A).pdf Data sheet

TSV612IDT - STMicroelectronics.New Original in Stock. Download Linear Technology TSV612IDT datasheet/specifications on AllelcoElec.com.

Request a quote for TSV612IDT, please send us email: info@allelco.com



Image may be representation.

See specifications for product details.

Specifications

TSV612IDT Tech Specifications

TSV612IDT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 85°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	4 mV	Gain Bandwidth Product	120 kHz
Supplier Device Package	8-SOIC	Current - Supply	10.5μΑ
Slew Rate	0.04V/µs	Current - Output / Channel	63 mA
Series	-	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TSV612
Package	Tape & Reel (TR)	Amplifier Type	CMOS
Output Type	Rail-to-Rail		

Parts with Similar Specifications

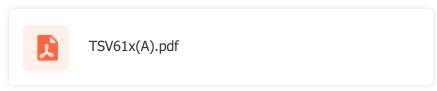
The three parts on the right have similar specifications to STMicroelectronics TSV612IDT

Product Attribute				
Part Number	TSV612IDT	TSV6192AID	TSV612AIDT	TSV611ICT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Series	-	-	-	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	5-TSSOP, SC-70-5, SOT-353
Current - Supply	10.5µA	10.5µA	10.5μΑ	10.5μΑ
Voltage - Input Offset	4 mV	800 μV	800 μV	4 mV
Current - Output / Channel	63 mA	63 mA	63 mA	63 mA
Gain Bandwidth Product	120 kHz	450 kHz	120 kHz	120 kHz
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	SC-70-5
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
Amplifier Type	CMOS	CMOS	CMOS	General Purpose
Slew Rate	0.04V/µs	0.08V/µs	0.04V/μs	0.04V/μs
Base Product Number	TSV612	TSV6192	TSV612	TSV611
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Number of Circuits	2	2	2	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ∼ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ∼ 85°C
Voltage - Supply Span (Min)	1.5 V	1.5 V	1.5 V	1.5 V

TSV612IDT Datasheet PDF

Download TSV612IDT pdf datasheets and STMicroelectronics documentation for TSV612IDT - STMicroelectronics.

Datasheets



PCN Packaging

Box Label Chg 28/Jul/2016.pdf



Mult Dev Cover Tape Chg 14/Aug/2019.pdf

PCN Design/Specification



New Material Set for SO8 & SO14 Pkg 18/Nov/2015.pdf

Customers Also Interested in

Recommended Products



TSV6192AID STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC



TSV612AIDT STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC



TSV611ICT STMicroelectronics IC OPAMP GP 1 CIRCUIT SC70-5



TSV6192AIDT STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC



TSV6192ID STMicroelectronics

IC CMOS 2 CIRCUIT 8SOIC



TSV611AICT STMicroelectronics

IC OPAMP GP 1 CIRCUIT SC70-5



TSV611AILT STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5



TSV611ILT STMicroelectronics

IC OPAMP GP 1 CIRCUIT SOT23-5

TSV6191ICT



TSV6192IDT STMicroelectronics



TSV612AIST

STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO



TSV524AIYPT

STMicroelectronics IC CMOS 4 CIRCUIT 14TSSOP



TSV524IYPT

STMicroelectronics IC CMOS 4 CIRCUIT 14TSSOP



TSV524IQ4T

STMicroelectronics IC CMOS 4 CIRCUIT 16QFN



STMicroelectronics

IC OPAMP GP 1 CIRCUIT SC70-5

TSV612IST

STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO



IC CMOS 2 CIRCUIT 8SOIC

TSV6191ILT

STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5



TSV524IPT

STMicroelectronics IC CMOS 4 CIRCUIT 14TSSOP



TSV6192IST

STMicroelectronics IC CMOS 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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
noid	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.





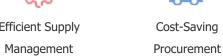






Your Faithful Supply Chain Partner -



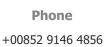




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