

TS912BIDT

ECAD Model

Data sheet

Manufacturer Part Number TS912BIDT

Manufacturer **STMicroelectronics**

Allelco Part Number 32D-TS912BIDT

PCB Symbol, Footprint & 3D Mode IC CMOS 2 CIRCUIT 8SOIC Parts Description

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

TS912(A,B).pdf

ROHS3 Compliant RoHs Status

Get a Quote



Image may be representation.

See specifications for product details.

TS912BIDT - STMicroelectronics.New Original in Stock. Download Linear Technology TS912BIDT datasheet/specifications on AllelcoElec.com. Request a quote for TS912BIDT, please send us email: info@allelco.com

Specifications

TS912BIDT Tech Specifications

TS912BIDT - 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)	2.7 V	Number of Circuits	2
Voltage - Supply Span (Max)	16 V	Mounting Type	Surface Mount
Voltage - Input Offset	2 mV	Gain Bandwidth Product	1.4 MHz
Supplier Device Package	8-SOIC	Current - Supply	230μA (x2 Channels)
Slew Rate	1.3V/µs	Current - Output / Channel	75 mA
Series	Automotive, AEC-Q100	Current - Input Bias	1 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TS912
Package	Tape & Reel (TR)	Amplifier Type	CMOS
Output Type	Rail-to-Rail		

Parts with Similar Specifications

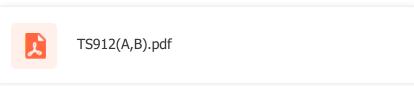
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Product Attribute		THE PARTY OF THE P	Who were			
Part Number	TS912BIDT	TS914AIN	TS912IN	TS912AIYDT		
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics		
Number of Circuits	2	4	2	2		
Base Product Number	TS912	TS914	TS912	TS912		
Supplier Device Package	8-SOIC	14-DIP	8-Mini DIP	8-SOIC		
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100		
Package / Case	8-SOIC (0.154", 3.90mm Width)	14-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)		
Voltage - Supply Span (Min)	2.7 V	2.7 V	2.7 V	2.7 V		
Amplifier Type	CMOS	CMOS	CMOS	CMOS		
Current - Supply	230μA (x2 Channels)	230μΑ	400μA (x2 Channels)	230μA (x2 Channels)		
Operating Temperature	-40°C ∼ 125°C	-40°C ~ 125°C	-40°C ∼ 125°C	-40°C ∼ 125°C		
Gain Bandwidth Product	1.4 MHz	1.4 MHz	1.4 MHz	1.4 MHz		
Voltage - Supply Span (Max)	16 V	16 V	16 V	16 V		
Current - Input Bias	1 pA	1 pA	1 pA	1 pA		
Current - Output / Channel	75 mA	60 mA	75 mA	75 mA		
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)		
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail		
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount		
Slew Rate	1.3V/µs	1V/μs	1.3V/µs	1.3V/μs		
Voltage - Input Offset	2 mV	5 mV	10 mV	5 mV		

TS912BIDT Datasheet PDF

Download TS912BIDT pdf datasheets and STMicroelectronics documentation for TS912BIDT - STMicroelectronics.

Datasheets



PCN Packaging



Moisture Barrier Bag 09/May/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



Mult Devices Lead Frame 12/Jan/2018.pdf

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IC CMOS 2 CIRCUIT 8SOIC

TS9083S

TS

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TS912AIDT

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IC CMOS 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.

Region	Country	Logistic Time(Day)
America	United States	5
America	Brazil	7
	Germany	5
Europe	United Kingdom	4
	Italy	5
Occasion	Australia	6
Oceania	New Zealand	7
Acia	India	6
Asia	Japan	7
Middle East	Israel	6

Common Countries Logistic Time 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

DHL & FedEx Shipment Charges Reference

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:

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PayPal.











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Certifications & Memberships













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