



Image may be representation.
See specifications for product details.



TS912BIDT

Manufacturer Part Number	TS912BIDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TS912BIDT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CMOS 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	TS912(A,B).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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

The three parts on the right have similar specifications to STMicroelectronics TS912BIDT

Product Attribute				
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)	230µA	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

[TS912\(A,B\).pdf](#)


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

Customers Also Interested in

Recommended Products



TS914AIN
STMicroelectronics
IC CMOS 4 CIRCUIT 14DIP



TS9121D
STMicroelectronics



TS912IN
STMicroelectronics
IC CMOS 2 CIRCUIT 8MINI DIP



TS912AIYDT
STMicroelectronics
IC CMOS 2 CIRCUIT 8SOIC



TS9083S
TS



TS914AIDT
STMicroelectronics
IC CMOS 4 CIRCUIT 14SO



TS912BID
STMicroelectronics
IC CMOS 2 CIRCUIT 8SOIC



TS912IDT
STMicroelectronics
IC CMOS 2 CIRCUIT 8SOIC



TS912AIN
STMicroelectronics
IC CMOS 2 CIRCUIT 8MINI DIP



TS914AID
STMicroelectronics
IC CMOS 4 CIRCUIT 14SO



TS912AID
STMicroelectronics
IC CMOS 2 CIRCUIT 8SOIC



TS912ID
STMicroelectronics
IC CMOS 2 CIRCUIT 8SOIC



TS914AI
STMicroelectronics



TS912BIYDT
STMicroelectronics
IC CMOS 2 CIRCUIT 8SOIC



TS912BIN
STMicroelectronics



TS906C3R-TE24R
FUJI



TS912IYDT
STMicroelectronics
IC CMOS 2 CIRCUIT 8SOIC



TS912AIDT
STMicroelectronics
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.

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 -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
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Certifications & Memberships



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