TS912AIDT

Manufacturer Part Number	TS912AIDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TS912AIDT
ECAD Model	PCB Symbol, Footprint & 3D Mode
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

Image may be representation.
See specifications for product details.

Get a Quote

TS912AIDT - STMicroelectronics.New Original in Stock. Download Linear Technology TS912AIDT datasheet/specifications on AllelcoElec.com.
Request a quote for TS912AIDT, please send us email: info@allelco.com

Specifications

TS912AIDT Tech Specifications
TS912AIDT - 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	5 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 TS912AIDT

Product Attribute				
Part Number	TS912AIDT	TS912BIDT	TS902ID	TS902IDT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Supplier Device Package	8-SOIC	8-SOIC	14-SO	14-SO
Number of Circuits	2	2	2	2
Voltage - Supply Span (Min)	2.7 V	2.7 V	2.7 V	2.7 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply Span (Max)	16 V	16 V	16 V	16 V
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	-	-
Gain Bandwidth Product	1.4 MHz	1.4 MHz	1.4 MHz	1.4 MHz
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Supply	230µA (x2 Channels)	230µA (x2 Channels)	400µA (x2 Channels)	400µA (x2 Channels)
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Amplifier Type	CMOS	CMOS	General Purpose	General Purpose
Slew Rate	1.3V/µs	1.3V/µs	1V/µs	1V/µs
Base Product Number	TS912	TS912	TS902	TS902
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Voltage - Input Offset	5 mV	2 mV	10 mV	10 mV
Current - Output / Channel	75 mA	75 mA	60 mA	60 mA

TS912AIDT Datasheet PDF

Download TS912AIDT pdf datasheets and STMicroelectronics documentation for TS912AIDT - 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

PCN Assembly/Origin

📄 Mult Devices Lead Frame 12/Jan/2018.pdf

🟩 Customers Also Interested in

Recommended Products

TS912BIDT STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	**TS902ID** STMicroelectronics IC OPAMP GP 2 CIRCUIT 14SO	**TS902C2-TE24R** Fujitsu Electronics America, Inc.	**TS902IDT** STMicroelectronics IC OPAMP GP 2 CIRCUIT 14SO	**TS912AIYDT** STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	**TS912ID** STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC
TS906C2R-T624RB FUJI	**TS9121D** STMicroelectronics	**TS912AID** STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	**TS906C2R-TE24R** Fujitsu Electronics America, Inc.	**TS906C3R-TE24R** FUJI	**TS912AIN** STMicroelectronics IC CMOS 2 CIRCUIT 8MINI DIP
TS912BIYDT STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	**TS912BID** STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	**TS912IN** STMicroelectronics IC CMOS 2 CIRCUIT 8MINI DIP	**TS912IDT** STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	**TS9083S** TS	**TS912BIN** STMicroelectronics

🟩 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.

EAST WEST BANK · MasterCard · VISA · WESTERN UNION · PayPal

Your Faithful Supply Chain Partner -

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

Contact us if you have any questions.

📞 **Phone**
+00852 9146 4856

✉️ **Email**
info@allelco.com

Certifications & Memberships

ISO 13485:2016 · ISO 9001:2015 · ISO 14001:2015 · ISO 28000:2007 · IPC Member · SMTA

View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com