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TS912AIDT

ECAD Model

RoHs Status

Manufacturer Part Number TS912AIDT

Manufacturer **STMicroelectronics**

32D-TS912AIDT Allelco Part Number

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

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

TS912(A,B).pdf Data sheet ROHS3 Compliant

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

Image may be representation.

See specifications for product details.

Specifications

TS912AIDT Tech Specifications

TS912AIDT - STMicroelectronics technical specifications, attributes, parameters

10512/1051 STYlicroelectromics tearnical 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

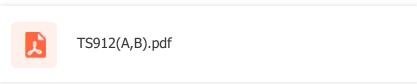
The three parts on the right have similar specifications to STMicroelectronics TS912AIDT

Product Attribute			Transie Control	Priville
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



PCN Packaging





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









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









STMicroelectronics

IC CMOS 2 CIRCUIT 8MINI DIP

TS906C2R-T624RB

FUJI

TS9121D STMicroelectronics

TS912AID STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC

TS906C2R-TE24R Fujitsu Electronics America, Inc.

FUJI

TS906C3R-TE24R TS912AIN





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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
Asia	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 -



Management





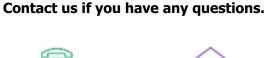
Delivery





Certifications & Memberships







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