

Image may be representation.  
See specifications for product details.



## STA323W13TR

Manufacturer Part Number	<b>STA323W13TR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STA323W13TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FULLY INTEG PROC POWERSO-36
Package	36-PowerBFSOP (0.295', 7.50mm Width)
Data sheet	STA323W13TR.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

STA323W13TR - STMicroelectronics.New Original in Stock. Download Linear Technology STA323W13TR datasheet/specifications on AllelcoElec.com.  
Request a quote for STA323W13TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

STA323W13TR Tech Specifications  
STA323W13TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Supply	8V ~ 36V	Number of Channels	2
Supplier Device Package	PowerSSO-36 EPD	Mounting Type	Surface Mount
Specifications	Direct Digital Amplification	Interface	I²C, I²S
Series	-	Function	Fully Integrated Processor
Package / Case	36-PowerBFSOP (0.295', 7.50mm Width)	Base Product Number	STA323
Package	Tape & Reel (TR)	Applications	Pre-Amplifier

### Parts with Similar Specifications

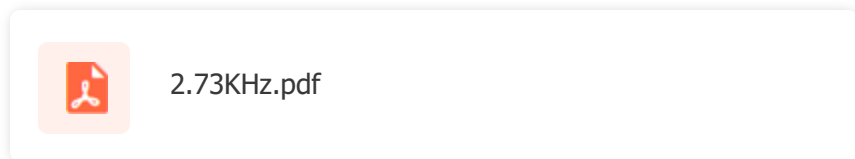
The three parts on the right have similar specifications to STMicroelectronics STA323W13TR

Product Attribute				
Part Number	STA323W13TR	STA308A	STA309A	STA311BTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Specifications	Direct Digital Amplification	Direct Digital Amplification	Direct Digital Amplification	Full Flexible Amplification
Voltage - Supply	8V ~ 36V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Applications	Pre-Amplifier	Pre-Amplifier	Pre-Amplifier	Pre-Amplifier
Series	-	DDX™	DDX™	-
Base Product Number	STA323	STA308	STA309	STA311
Package / Case	36-PowerBFSOP (0.295', 7.50mm Width)	64-LQFP	64-LQFP	56-VFQFN Exposed Pad
Supplier Device Package	PowerSSO-36 EPD	64-TQFP (10x10)	64-TQFP (10x10)	56-VFQFPN (8x8)
Interface	I²C, I²S	I²C, I²S	I²C, I²S	I²C, I²S
Package	Tape & Reel (TR)	Tray	Tray	Tape & Reel (TR)
Number of Channels	2	8	8	8
Function	Fully Integrated Processor	Fully Integrated Processor	Fully Integrated Processor	Fully Integrated Processor

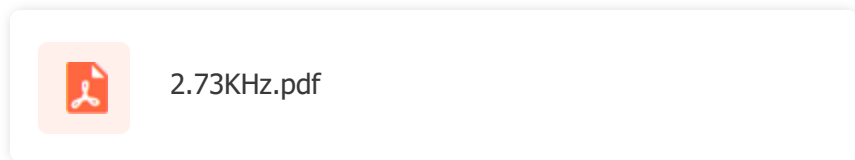
### STA323W13TR Datasheet PDF

Download STA323W13TR pdf datasheets and STMicroelectronics documentation for STA323W13TR - STMicroelectronics.

#### PCN Packaging



#### PCN Assembly/Origin



### Customers Also Interested in

#### Recommended Products



**STA308A**

STMicroelectronics  
IC FULLY INTEG PROCESSOR  
64TQFP



**STA309A**

STMicroelectronics  
IC FULLY INTEG PROCESSOR  
64TQFP



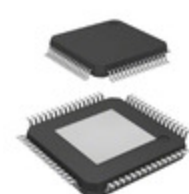
**STA311BTR**

STMicroelectronics  
IC FULLY INTEG PROCESSOR  
56VFQFPN



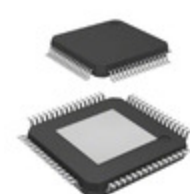
**STA3250Q**

AUK



**STA321MPLTR**

STMicroelectronics  
IC FULLY INTEG PROCESSOR  
64TQFP



**STA321**

STMicroelectronics  
IC FULLY INTEG PROCESSOR  
64LQFP



**STA3250D**  
AUK



**STA32813TR**  
STMicroelectronics  
IC DAS 2.1CH HI EFF POWERSO36



**STA326JTR**  
STMicroelectronics  
IC FULLY INTEG PROC



**STA3250F SOT89**  
AUK



**STA309A13**  
STMicroelectronics



**STA309A13TR**  
STMicroelectronics  
IC FULLY INTEG PROCESSOR  
64TQFP



**STA32613TR**  
STMicroelectronics  
IC FULLY INTEG PROC POWERSO-36



**STA3250F**  
AUK



**STA310**  
STMicroelectronics  
IC AUDIO DECODER 6+2CH 80-TQFP



**STA323W**  
STMicroelectronics



**STA3250D MOS**  
AUK



**STA308A13TR**  
STMicroelectronics  
IC FULLY INTEG PROCESSOR  
64TQFP

## 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

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



View More



WWW.ALLELCOELEC.COM

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