



# STA540SAN

Manufacturer Part Number	<b>STA540SAN</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STA540SAN
ECAD Model	Request Free CAD Models
Parts Description	IC AMP CLASS AB DUAL/QUAD 15W
Package	Clipwatt-15 (Vertical, Bent and Staggered Leads)
Data sheet	<b>STA540SAN.pdf</b>
RoHs Status	ROHS3 Compliant



**Get a Quote**

STA540SAN - STMicroelectronics.New Original in Stock. Download Linear Technology STA540SAN datasheet/specifications on AllelcoElec.com.  
Request a quote for STA540SAN, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

STA540SAN Tech Specifications  
STA540SAN - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	2-Channel (Stereo) or 4-Channel (Quad)
Voltage - Supply	8V ~ 22V	Operating Temperature	0°C ~ 70°C (TA)
Type	Class AB	Mounting Type	Through Hole
Series	-	Max Output Power x Channels @ Load	15W x 2 @ 80hm
Package / Case	Clipwatt-15 (Vertical, Bent and Staggered Leads)	Features	Depop, Short-Circuit and Thermal Protection
Package	Tube	Base Product Number	STA540

## Parts with Similar Specifications

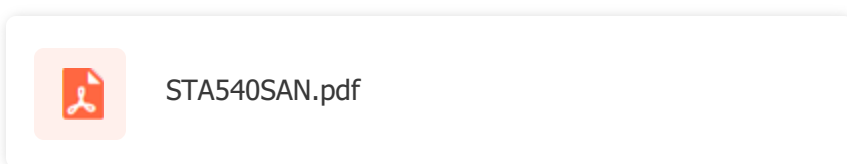
The three parts on the right have similar specifications to STMicroelectronics STA540SAN

Product Attribute	NO PICTURE			
Part Number	STA540SAN	STA543SA	STA529Q	STA533WF13TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tube	Tube	Tray	Tape & Reel (TR)
Features	Depop, Short-Circuit and Thermal Protection	Short-Circuit and Thermal Protection, Standby, Volume Control	Depop, I <sup>2</sup> C, I <sup>2</sup> S, Mute, Volume Control	Thermal and Short-Circuit Protection
Max Output Power x Channels @ Load	15W x 2 @ 80hm	24W x 1 @ 40hm; 7W x 2 @ 40hm	100mW x 2 @ 160hm	20W x 2 @ 80hm
Package / Case	Clipwatt-15 (Vertical, Bent and Staggered Leads)	Clipwatt-19 (Vertical, Bent and Staggered Leads)	52-VFQFN Exposed Pad	36-PowerBFSOP (0.295", 7.50mm Width)
Type	Class AB	Class AB	Class D	Class AB
Mounting Type	Through Hole	Through Hole	Surface Mount	Surface Mount
Voltage - Supply	8V ~ 22V	8V ~ 18V	1.8V ~ 3.3V	5V ~ 18V
Output Type	2-Channel (Stereo) or 4-Channel (Quad)	3-Channel	2-Channel (Stereo)	4 Half Bridge
Base Product Number	STA540	STA543	STA529	STA533
Series	-	-	FFX™	-
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)

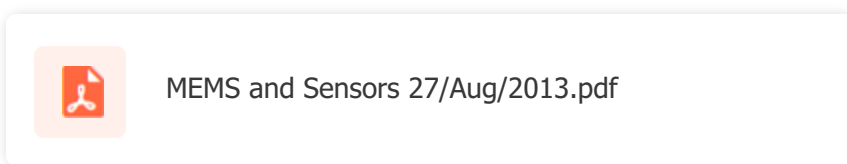
## STA540SAN Datasheet PDF

Download STA540SAN pdf datasheets and STMicroelectronics documentation for STA540SAN - STMicroelectronics.

### Datasheets



### PCN Obsolescence/ EOL



## Customers Also Interested in

### Recommended Products



**STA533W**  
STMicroelectronics



**STA559BW13TR**  
STMicroelectronics  
IC FULLY INTEG PROC POWERSO-36



**STA559BW**  
STMicroelectronics



**STA543SA**  
STMicroelectronics  
IC AMP AB 3 CHAN 24W 19CLIPWATT



**STA559BWTR**  
STMicroelectronics



**STA526**  
STMicroelectronics



**STA540P**  
STMicroelectronics



**STA529Q**  
STMicroelectronics  
IC AMP D STEREO 100MW 52VFQFPN



**STA5620A**  
STMicroelectronics



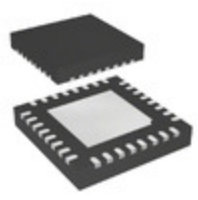
**STA533WF13TR**  
STMicroelectronics  
IC AMP AB QUAD 20W POWERSO36



**STA533W-NLF**  
STMicroelectronics



**STA559BWSTR**  
STMicroelectronics  
IC FULLY INTEG PROC POWERSO-36



### STA5620

STMicroelectronics  
RF RECEIVER GPS 32VFPFN



### STA533WF13TR

NXP Semiconductors  
STA533WF - Audio Amplifier Class



### STA540

STMicroelectronics  
IC AMP AB DUAL/QUAD  
15MULTIWATT



### STA540SAN AC/DC

STMicroelectronics



### STA540SA

STMicroelectronics



### STA535WF

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.



## 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



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