

Image may be representation.
See specifications for product details.



STA510FTR

Manufacturer Part Number	STA510FTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STA510FTR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC AMP D MONO/STER 200W PWRSO-36
Package	36-BSSOP (0.433", 11.00mm Width) Exposed Pad
Data sheet	STA510F.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STA510FTR - STMicroelectronics.New Original in Stock. Download Linear Technology STA510FTR datasheet/specifications on AllelcoElec.com.
Request a quote for STA510FTR, please send us email: info@allelco.com

Specifications

STA510FTR Tech Specifications

STA510FTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	1-Channel (Mono) or 2-Channel (Stereo)
Voltage - Supply	10V ~ 40V	Operating Temperature	0°C ~ 70°C (TA)
Type	Class D	Mounting Type	Surface Mount
Supplier Device Package	PowerSO-36	Max Output Power x Channels @ Load	200W x 1 @ 40hm; 100W x 2 @ 80hm
Series	-	Features	Standby, Thermal Protection
Package / Case	36-BSSOP (0.433", 11.00mm Width) Exposed Pad	Base Product Number	STA510
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STA510FTR

Product Attribute				
Part Number	STA510FTR	STA50813TR	STA508	STA510F
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Output Type	1-Channel (Mono) or 2-Channel (Stereo)	1-Channel (Mono) or 2-Channel (Stereo)	1-Channel (Mono) or 2-Channel (Stereo)	1-Channel (Mono) or 2-Channel (Stereo)
Type	Class D	Class D	Class D	Class D
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Package / Case	36-BSSOP (0.433", 11.00mm Width) Exposed Pad	PowerSO-36 Exposed Top Pad	PowerSO-36 Exposed Top Pad	36-BSSOP (0.433", 11.00mm Width) Exposed Pad
Supplier Device Package	PowerSO-36	PowerSO-36	PowerSO-36	PowerSO-36
Base Product Number	STA510	STA50813	STA508	STA510
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Max Output Power x Channels @ Load	200W x 1 @ 40hm; 100W x 2 @ 80hm	160W x 1 @ 80hm; 80W x 2 @ 40hm	160W x 1 @ 80hm; 80W x 2 @ 40hm	200W x 1 @ 40hm; 100W x 2 @ 80hm
Features	Standby, Thermal Protection	Digital Inputs, Short-Circuit and Thermal Protection, Standby	Digital Inputs, Short-Circuit and Thermal Protection, Standby	Standby, Thermal Protection
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 90°C (TA)	-40°C ~ 90°C (TA)	0°C ~ 70°C (TA)
Voltage - Supply	10V ~ 40V	10V ~ 36V	10V ~ 36V	10V ~ 40V

STA510FTR Datasheet PDF

Download STA510FTR pdf datasheets and STMicroelectronics documentation for STA510FTR - STMicroelectronics.

Datasheets

[STA510F.pdf](#)

PCN Packaging

[Material Barrier Bag 17/Dec/2020.pdf](#)

PCN Assembly/Origin

[Mult Dev LeadFrame Supplier Chg 15/Oct/2019.pdf](#)

Customers Also Interested in

Recommended Products



STA50813TR

STMicroelectronics
IC AMP D MONO/STER 160W
PWRSO-36



STA515

STMicroelectronics



STA509A

SK



STA515W

STMicroelectronics



STA515A

STMicroelectronics



STA508

STMicroelectronics
IC AMP D MONO/STER 160W
PWRSO-36



STA50812TR
STM



STA510A
STMicroelectronics



STA510F
STMicroelectronics
IC AMP D MONO/STER 200W
PWR50-36



STA51213TR
STMicroelectronics



STA510A13TR
STMicroelectronics
IC AMP D MONO/STER 200W
PWR5036



STA512TR
STMicroelectronics



STA512
STMicroelectronics



STA515WJ13TR
STMicroelectronics
40 V, 3 A QUAD POWER HALF-
BRIDGE



STA515W13TR
STMicroelectronics
IC AMP D QUAD 10W POWERSSO36



STA506A
STMicroelectronics



STA51513TR
STMicroelectronics



STA508A
SanKen Electric Co., Ltd.

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

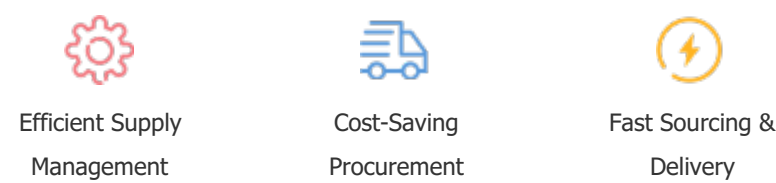
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

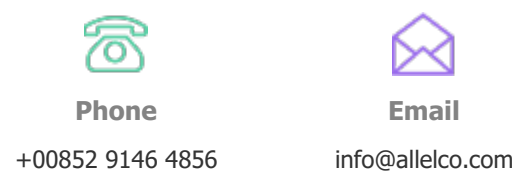
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)



Contact us

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