



Image may be representation.
See specifications for product details.



STA50813TR

Manufacturer Part Number	STA50813TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STA50813TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC AMP D MONO/STER 160W PWRSO-36
Package	PowerSO-36 Exposed Top Pad
Data sheet	STA508.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STA50813TR - STMicroelectronics.New Original in Stock. Download Linear Technology STA50813TR datasheet/specifications on AllelcoElec.com.
Request a quote for STA50813TR, please send us email: info@allelco.com

Specifications

STA50813TR Tech Specifications
STA50813TR - 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 ~ 36V	Operating Temperature	-40°C ~ 90°C (TA)
Type	Class D	Mounting Type	Surface Mount
Supplier Device Package	PowerSO-36	Max Output Power x Channels @ Load	160W x 1 @ 80hm; 80W x 2 @ 40hm
Series	-	Features	Digital Inputs, Short-Circuit and Thermal Protection, Standby
Package / Case	PowerSO-36 Exposed Top Pad	Base Product Number	STA50813
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STA50813TR

Product Attribute				
Part Number	STA50813TR	STA510F	STA50613TR	STA510FTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	PowerSO-36 Exposed Top Pad	36-BSSOP (0.433", 11.00mm Width) Exposed Pad	PowerSO-36 Exposed Top Pad	36-BSSOP (0.433", 11.00mm Width) Exposed Pad
Base Product Number	STA50813	STA510	STA506	STA510
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	10V ~ 36V	10V ~ 40V	10V ~ 36V	10V ~ 40V
Features	Digital Inputs, Short-Circuit and Thermal Protection, Standby	Standby, Thermal Protection	Digital Inputs, Short-Circuit and Thermal Protection, Standby	Standby, Thermal Protection
Series	-	-	-	-
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Max Output Power x Channels @ Load	160W x 1 @ 80hm; 80W x 2 @ 40hm	200W x 1 @ 40hm; 100W x 2 @ 80hm	120W x 1 @ 40hm; 60W x 2 @ 80hm	200W x 1 @ 40hm; 100W x 2 @ 80hm
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)
Supplier Device Package	PowerSO-36	PowerSO-36	PowerSO-36	PowerSO-36
Type	Class D	Class D	Class D	Class D
Operating Temperature	-40°C ~ 90°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 90°C (TA)	0°C ~ 70°C (TA)

STA50813TR Datasheet PDF

Download STA50813TR pdf datasheets and STMicroelectronics documentation for STA50813TR - STMicroelectronics.

Datasheets

[STA508.pdf](#)

PCN Packaging

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

Customers Also Interested in

Recommended Products



STA50613TR-1
STMicroelectronics



STA5063
SIRENZA



STA509A
SK



STA51213TR
STMicroelectronics



STA505TR-LF
STMicroelectronics



STA512TR
STMicroelectronics



STA510FSTMicroelectronics
IC AMP D MONO/STER 200W
PWR50-36**STA512**
STMicroelectronics**STA50613TR**STMicroelectronics
IC AMP D MONO/STER 120W
PWR50-36**STA506**
STMicroelectronics**STA510FTR**STMicroelectronics
IC AMP D MONO/STER 200W
PWR50-36**STA510A**
STMicroelectronics**STA506A**

STMicroelectronics

**STA508**
STMicroelectronics
IC AMP D MONO/STER 160W
PWR50-36**STA5063ZSR**RFMD
IC AMP GP 3.3GHZ-3.8GHZ SOT363**STA508A**
Sanken Electric Co., Ltd.**STA5063Z**

SIRENZA

**STA510A13TR**
STMicroelectronics
IC AMP D MONO/STER 200W
PWR5036

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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