

Image may be representation.
See specifications for product details.



STA381BWTR

Manufacturer Part Number	STA381BWTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STA381BWTR
ECAD Model	Request Free CAD Models
Parts Description	IC FULLY INTEG PROCESSOR 48VQFN
Package	48-VFQFN Exposed Pad
Data sheet	STA381BW.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STA381BWTR - STMicroelectronics.New Original in Stock. Download Linear Technology STA381BWTR datasheet/specifications on AllelcoElec.com.
Request a quote for STA381BWTR, please send us email: info@allelco.com

Specifications

STA381BWTR Tech Specifications
STA381BWTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Supply	4.5V ~ 26V	Number of Channels	2
Supplier Device Package	48-VQFN (7x7)	Mounting Type	Surface Mount
Specifications	Full Flexible Amplification	Interface	I²C, I²S
Series	Sound Terminal™	Function	Fully Integrated Processor
Package / Case	48-VFQFN Exposed Pad	Base Product Number	STA381
Package	Tape & Reel (TR)	Applications	Pre-Amplifier

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STA381BWTR

Product Attribute				
Part Number	STA381BWTR	STA381BW	STA369BWTR	STA381BWSTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Supplier Device Package	48-VQFN (7x7)	48-VQFN (7x7)	PowerSSO-36	48-VQFN (7x7)
Voltage - Supply	4.5V ~ 26V	4.5V ~ 25.5V	5V ~ 26V	4.5V ~ 25.5V
Package / Case	48-VFQFN Exposed Pad	48-VFQFN Exposed Pad	36-PowerBFSOP (0.295", 7.50mm Width)	48-VFQFN Exposed Pad
Function	Fully Integrated Processor	Fully Integrated Processor	Fully Integrated Processor	Fully Integrated Processor
Number of Channels	2	2	2	2
Interface	I²C, I²S	I²C, I²S	I²C, I²S	I²C, I²S
Series	Sound Terminal™	Sound Terminal™	Sound Terminal™	Sound Terminal™
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-20°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Applications	Pre-Amplifier	Pre-Amplifier	Pre-Amplifier	Pre-Amplifier
Base Product Number	STA381	STA381	STA369	STA381
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tape & Reel (TR)
Specifications	Full Flexible Amplification	Full Flexible Amplification	Full Flexible Amplification	Full Flexible Amplification

STA381BWTR Datasheet PDF

Download STA381BWTR pdf datasheets and STMicroelectronics documentation for STA381BWTR - STMicroelectronics.

Datasheets

[STA381BW.pdf](#)

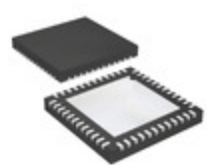
PCN Obsolescence/ EOL

[MEMS and Sensors 27/Aug/2013.pdf](#)

[STA380/STA381 Devices 30/Aug/2013.pdf](#)

Customers Also Interested in

Recommended Products



STA381BW
STMicroelectronics
IC FULLY INTEG PROCESSOR
48VQFN

STA380BWTR
STMicroelectronics

STA414A
SanKen Electric Co., Ltd.

STA369BWTR
STMicroelectronics
IC FULLY INTEG PROC POWERSO-36

STA380BWTR
STMicroelectronics

STA408A
SanKen Electric USA Inc.
TRANS 4PNP DARL 120V 4A 10-SIP



STA380WS
STMicroelectronics



STA402A
Sanken Electric USA Inc.
TRANS 4PNP DARL 50V 4A 10-SIP



STA400
STMicroelectronics



STA380BWE
STMicroelectronics



STA401A
Sanken Electric USA Inc.
TRANS 4NPN DARL 60V 4A 10SIP



STA381BWS
STMicroelectronics



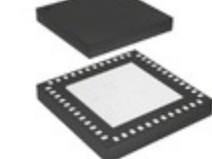
STA380BWETR
STMicroelectronics



STA400A
STMicroelectronics



STA413A
Sanken Electric USA Inc.
TRANS 4NPN 35V 3A 10-SIP



STA381BWSTR
STMicroelectronics
IC FULLY INTEG PROCESSOR
48VQFN



STA404A
Sanken Electric USA Inc.
TRANS 4NPN DARL 200V 3A 10-SIP

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

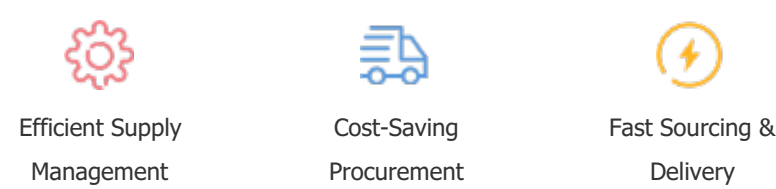
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

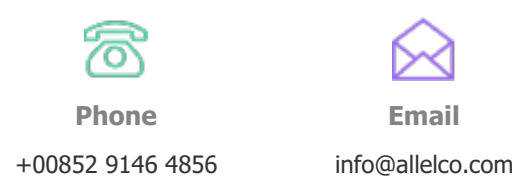
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)



Contact us

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