



Image may be representation.  
See specifications for product details.



## XC3S400-4TQG144C

Manufacturer Part Number	<b>XC3S400-4TQG144C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC3S400-4TQG144C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 97 I/O 144TQFP
Package	144-LQFP
Data sheet	XC3S400-4TQG144C.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC3S400-4TQG144C - AMD.New Original in Stock. Download Linear Technology XC3S400-4TQG144C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC3S400-4TQG144C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC3S400-4TQG144C Tech Specifications  
XC3S400-4TQG144C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.14V ~ 1.26V	Number of Logic Elements/Cells	8064
Total RAM Bits	294912	Number of LABs/CLBs	896
Supplier Device Package	144-TQFP (20x20)	Number of I/O	97
Series	Spartan®-3	Number of Gates	400000
Package / Case	144-LQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S400

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC3S400-4TQG144C

Product Attribute				
Part Number	XC3S400-4TQG144C	<b>XC3S400-5FGG320C</b>	<b>XC3S400-4TQ144I</b>	<b>XC3S400-5FT256C</b>
Manufacturer	AMD	AMD	AMD	AMD
Base Product Number	XC3S400	XC3S400	XC3S400	XC3S400
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Number of LABs/CLBs	896	896	896	896
Number of Gates	400000	400000	400000	400000
Number of Logic Elements/Cells	8064	8064	8064	8064
Package / Case	144-LQFP	320-BGA	144-LQFP	256-LBGA
Series	Spartan®-3	Spartan®-3	Spartan®-3	Spartan®-3
Total RAM Bits	294912	294912	294912	294912
Supplier Device Package	144-TQFP (20x20)	320-FBGA (19x19)	144-TQFP (20x20)	256-FTBGA (17x17)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Bulk	Bulk
Number of I/O	97	221	97	173
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)

### XC3S400-4TQG144C Datasheet PDF

Download XC3S400-4TQG144C pdf datasheets and AMD documentation for XC3S400-4TQG144C - AMD.

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>XC3S400-5FGG320C</b>	<b>XC3S400-4TQ144I</b>	<b>XC3S400-5FT256C</b>	<b>XC3S400-4FTG256C</b>	<b>XC3S400-5TQG144I</b>					
AMD IC FPGA 221 I/O 320FBGA	AMD IC FPGA 97 I/O 144TQFP	AMD IC FPGA 173 I/O 256FTBGA	AMD IC FPGA 173 I/O 256FTBGA	AMD Xilinx					
<b>XC3S4000-4FG676C</b>	<b>XC3S400-4FT256C</b>	<b>XC3S400-4TQG144I</b>	<b>XC3S400-5FGG456C</b>	<b>XC3S400-4FTG256I</b>	<b>XC3S400-4PQ208I</b>				
AMD IC FPGA 489 I/O 676FCBGA	AMD IC FPGA 173 I/O 256FTBGA	AMD IC FPGA 97 I/O 144TQFP	AMD IC FPGA 264 I/O 456FBGA	AMD IC FPGA 173 I/O 256FTBGA	AMD IC FPGA 141 I/O 208QFP				



### XC3S400-4PQG208I

AMD  
IC FPGA 141 I/O 208QFP

### XC3S400-4FT256I

AMD  
IC FPGA 173 I/O 256FTBGA

### XC3S400-4PQG208C

AMD  
IC FPGA 141 I/O 208QFP

### XC3S400-FGG456

AMD Xilinx

### XC3S400-5TQG144C

AMD  
IC FPGA 97 I/O 144TQFP

### XC3S400-4PQG208C

AMD  
IC FPGA 141 I/O 208QFP

## 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](#)



### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.