

Image may be representation.  
See specifications for product details.



## XC3S400-5TQG144C

Manufacturer Part Number	<b>XC3S400-5TQG144C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC3S400-5TQG144C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 97 I/O 144TQFP
Package	144-LQFP
Data sheet	XC3S400-5TQG144C.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC3S400-5TQG144C - AMD.New Original in Stock. Download Linear Technology XC3S400-5TQG144C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC3S400-5TQG144C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC3S400-5TQG144C Tech Specifications  
XC3S400-5TQG144C - 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

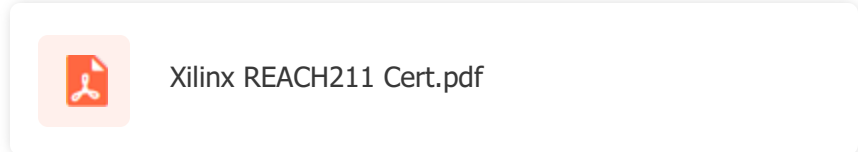
The three parts on the right have similar specifications to AMD XC3S400-5TQG144C

Product Attribute				
Part Number	XC3S400-5TQG144C	<b>XC3S400-4TQG144I</b>	<b>XC3S4000-4FGG676C</b>	<b>XC3S400-4TQG144C</b>
Manufacturer	AMD	AMD	AMD	AMD
Number of LABs/CLBs	896	896	6912	896
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Base Product Number	XC3S400	XC3S400	XC3S4000	XC3S400
Number of Gates	400000	400000	4000000	400000
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Series	Spartan@-3	Spartan@-3	Spartan@-3	Spartan@-3
Package / Case	144-LQFP	144-LQFP	676-BGA	144-LQFP
Package	Tray	Tray	Tray	Tray
Number of I/O	97	97	489	97
Number of Logic Elements/Cells	8064	8064	62208	8064
Supplier Device Package	144-TQFP (20x20)	144-TQFP (20x20)	676-FBGA (27x27)	144-TQFP (20x20)
Total RAM Bits	294912	294912	1769472	294912
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### XC3S400-5TQG144C Datasheet PDF

Download XC3S400-5TQG144C pdf datasheets and AMD documentation for XC3S400-5TQG144C - AMD.

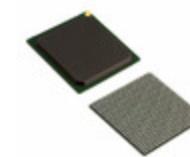
#### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC3S400-4TQG144I</b>	<b>XC3S4000-4FGG676C</b>	<b>XC3S400-4TQG144C</b>	<b>XC3S400-5TQG144I</b>	<b>XC3S4000-4FGG900C</b>	<b>XC3S4000-4FG676I</b>
AMD	AMD	AMD	AMD Xilinx	AMD	AMD
IC FPGA 97 I/O 144TQFP	IC FPGA 489 I/O 676FBGA	IC FPGA 97 I/O 144TQFP		IC FPGA 633 I/O 900FBGA	IC FPGA 489 I/O 676FCBGA
<b>XC3S4000-4FGG1156C</b>	<b>XC3S400-4TQG144I</b>	<b>XC3S400-5FGG320C</b>	<b>XC3S4000-4FG900I</b>	<b>XC3S400-5FGG456C</b>	<b>XC3S4000-4FG676I</b>
AMD Xilinx	AMD	AMD	AMD	AMD	AMD
	IC FPGA 97 I/O 144TQFP	IC FPGA 221 I/O 320FBGA	IC FPGA 633 I/O 900FBGA	IC FPGA 264 I/O 456FBGA	IC FPGA 489 I/O 676FCBGA

**XC3S400-4PQG208C**AMD  
IC FPGA 141 I/O 208QFP**XC3S400-5FT256C**AMD  
IC FPGA 173 I/O 256FTBGA**XC3S400-5FTG256C**AMD  
IC FPGA 173 I/O 256FTBGA**XC3S400-FGG456**

AMD Xilinx

**XC3S400-4PQG208I**AMD  
IC FPGA 141 I/O 208QFP**XC3S4000-4FGG676I**AMD  
IC FPGA 489 I/O 676FBGA

## 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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### Contact us

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