

Image may be representation.  
See specifications for product details.



## XC2S200-5FGG456C

Manufacturer Part Number	<b>XC2S200-5FGG456C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2S200-5FGG456C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 284 I/O 456FBGA
Package	456-BBGA
Data sheet	XC2S200-5FGG456C.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC2S200-5FGG456C - AMD.New Original in Stock. Download Linear Technology XC2S200-5FGG456C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2S200-5FGG456C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC2S200-5FGG456C Tech Specifications  
XC2S200-5FGG456C - 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	2.375V ~ 2.625V	Number of Logic Elements/Cells	5292
Total RAM Bits	57344	Number of LABs/CLBs	1176
Supplier Device Package	456-FBGA (23x23)	Number of I/O	284
Series	Spartan®-II	Number of Gates	200000
Package / Case	456-BBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC2S200

### Parts with Similar Specifications

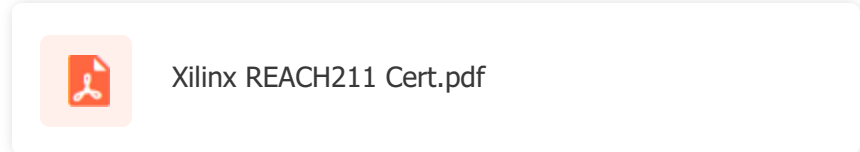
The three parts on the right have similar specifications to AMD XC2S200-5FGG456C

Product Attribute				
Part Number	XC2S200-5FGG456C	XC2S200-5PQG208C	XC2S200-5PQG208I	XC2S200-6FG456C
Manufacturer	AMD	AMD	AMD	AMD
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Tray	Tray	Tray
Supplier Device Package	456-FBGA (23x23)	208-PQFP (28x28)	208-PQFP (28x28)	456-FBGA (23x23)
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Total RAM Bits	57344	57344	57344	57344
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	1176	1176	1176	1176
Package / Case	456-BBGA	208-BFQFP	208-BFQFP	456-BBGA
Number of Gates	200000	200000	200000	200000
Number of I/O	284	140	140	284
Number of Logic Elements/Cells	5292	5292	5292	5292
Base Product Number	XC2S200	XC2S200	XC2S200	XC2S200

### XC2S200-5FGG456C Datasheet PDF

Download XC2S200-5FGG456C pdf datasheets and AMD documentation for XC2S200-5FGG456C - AMD.

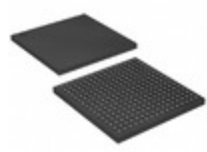
### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC2S200-5PQG208C</b>	<b>XC2S200-5PQG208I</b>	<b>XC2S200-4TQG144C</b>	<b>XC2S200-6FG456C</b>	<b>XC2S200-5FG456C</b>	<b>XC2S200-5FGG256C</b>
AMD IC FPGA 140 I/O 208QFP	AMD IC FPGA 140 I/O 208QFP	AMD Xilinx	AMD IC FPGA 284 I/O 456FBGA	AMD IC FPGA 284 I/O 456FBGA	AMD IC FPGA 176 I/O 256FBGA
<b>XC2S200-5FGG456I</b>	<b>XC2S200-4FG256C</b>	<b>XC2S200-5FGG256I</b>	<b>XC2S200-6PQ208C</b>	<b>XC2S200-6FG256C</b>	<b>XC2S200-5PQ208I</b>
AMD IC FPGA 284 I/O 456FBGA	AMD Xilinx	AMD IC FPGA 176 I/O 256FBGA	AMD IC FPGA 140 I/O 208QFP	AMD IC FPGA 176 I/O 256FBGA	AMD IC FPGA 140 I/O 208QFP



**XC2S200-5FG256C**

AMD  
IC FPGA 176 I/O 256FBGA



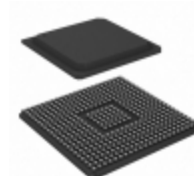
**XC2S200-5PQ208CES**

AMD Xilinx



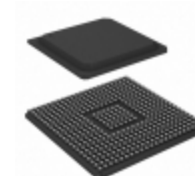
**XC2S200-5PQ208C**

AMD  
IC FPGA 140 I/O 208QFP



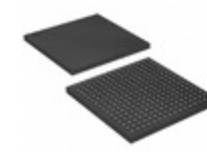
**XC2S200-6FGG456C**

AMD  
IC FPGA 284 I/O 456FBGA



**XC2S200-5FG456I**

AMD  
IC FPGA 284 I/O 456FBGA



**XC2S200-5FG256I**

AMD  
IC FPGA 176 I/O 256FBGA

## 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](#)



**ALLELCO LIMITED**  
WWW.ALLELCOELEC.COM

## 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.