

Image may be representation.  
See specifications for product details.



## XCV200-5FG256C

Manufacturer Part Number	<b>XCV200-5FG256C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCV200-5FG256C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 176 I/O 256FBGA
Package	256-BGA
Data sheet	<b>Virtex 2.5 V.pdf</b>

**Get a Quote**

XCV200-5FG256C - AMD.New Original in Stock. Download Linear Technology XCV200-5FG256C datasheet/specifications on AllelcoElec.com.  
Request a quote for XCV200-5FG256C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCV200-5FG256C Tech Specifications

XCV200-5FG256C - 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	256-FBGA (17x17)	Number of I/O	176
Series	Virtex®	Number of Gates	236666
Package / Case	256-BGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCV200

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCV200-5FG256C

Product Attribute				
Part Number	XCV200-5FG256C	XCV200-4FG456I	XCV2000E-6BG560C	XCV200-5BG256C
Manufacturer	AMD	AMD	AMD	AMD
Number of I/O	176	284	404	180
Series	Virtex®	Virtex®	Virtex®-E	Virtex®
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Tray	Tray	Tray
Total RAM Bits	57344	57344	655360	57344
Base Product Number	XCV200	XCV200	XCV2000E	XCV200
Number of LABs/CLBs	1176	1176	9600	1176
Number of Gates	236666	236666	2541952	236666
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	1.71V ~ 1.89V	2.375V ~ 2.625V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	5292	5292	43200	5292
Supplier Device Package	256-FBGA (17x17)	456-FBGA (23x23)	560-MBGA (42.5x42.5)	256-PBGA (27x27)
Package / Case	256-BGA	456-BBGA	560-LBGA Exposed Pad, Metal	256-BBGA

### XCV200-5FG256C Datasheet PDF

Download XCV200-5FG256C pdf datasheets and AMD documentation for XCV200-5FG256C - AMD.

#### Datasheets

[Virtex 2.5 V.pdf](#)

#### Environmental Information

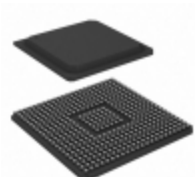
[Xilinx REACH211 Cert.pdf](#)

#### PCN Obsolescence/ EOL

[Spartan,Virtex FPGA/SCD 18/Oct/2010.pdf](#)

### Customers Also Interested in

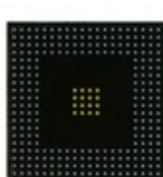
#### Recommended Products



**XCV200-4FG456I**  
AMD  
IC FPGA 284 I/O 456FBGA



**XCV2000E-6BG560C**  
AMD  
IC FPGA 404 I/O 560MBGA



**XCV200-5BG256C**  
AMD  
IC FPGA 180 I/O 256BGA



**XCV200-4PQ240C**  
AMD  
IC FPGA 166 I/O 240QFP



**XCV200-4FGG256I**  
AMD Xilinx



**XCV200-5BGG352C**  
AMD Xilinx



### XCV200-4PQ240I

AMD  
IC FPGA 166 I/O 240QFP

### XCV200-5BG256I

AMD  
IC FPGA 180 I/O 256BGA

### XCV200-5PQG240I

Altera (Intel)

### XCV200-4FGG256C

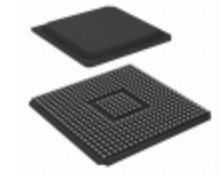
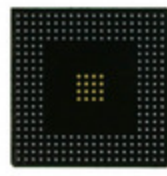
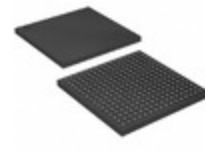
AMD Xilinx

### XCV200-6PQ240C

AMD  
IC FPGA 166 I/O 240QFP

### XCV200-4FG456CES

AMD Xilinx



### XCV200-4PQG240C

AMD Xilinx

### XCV200-6FG256C

AMD  
IC FPGA 176 I/O 256FBGA

### XCV200-6BG256C

AMD  
IC FPGA 180 I/O 256BGA

### XCV200-5PQ240C

AMD  
IC FPGA 166 I/O 240QFP

### XCV200-5PQ240I

AMD  
IC FPGA 166 I/O 240QFP

### XCV200-6FG456C

AMD  
IC FPGA 284 I/O 456FBGA

## 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

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