



## XCV600-4BG432C

Manufacturer Part Number	<b>XCV600-4BG432C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCV600-4BG432C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 316 I/O 432MBGA
Package	432-LBGA Exposed Pad, Metal
Data sheet	<b>Virtex 2.5 V.pdf</b>



**Get a Quote**

XCV600-4BG432C - AMD.New Original in Stock. Download Linear Technology XCV600-4BG432C datasheet/specifications on AllelcoElec.com.  
Request a quote for XCV600-4BG432C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCV600-4BG432C Tech Specifications  
XCV600-4BG432C - 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	15552
Total RAM Bits	98304	Number of LABs/CLBs	3456
Supplier Device Package	432-MBGA (40x40)	Number of I/O	316
Series	Virtex®	Number of Gates	661111
Package / Case	432-LBGA Exposed Pad, Metal	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCV600

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCV600-4BG432C

Product Attribute	NO PICTURE			
Part Number	XCV600-4BG432C	<a href="#">XCV600-4BG560I</a>	<a href="#">XCV50E-8CS144C</a>	<a href="#">XCV600-4FG680I</a>
Manufacturer	AMD	AMD	AMD	AMD
Number of I/O	316	404	94	512
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Package / Case	432-LBGA Exposed Pad, Metal	560-LBGA Exposed Pad, Metal	144-TFBGA, CSPBGA	680-LBGA Exposed Pad
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	1.71V ~ 1.89V	2.375V ~ 2.625V
Base Product Number	XCV600	XCV600	XCV50E	XCV600
Number of LABs/CLBs	3456	3456	384	3456
Supplier Device Package	432-MBGA (40x40)	560-MBGA (42.5x42.5)	144-LCSBGA (12x12)	680-FTEBGA (40x40)
Number of Logic Elements/Cells	15552	15552	1728	15552
Total RAM Bits	98304	98304	65536	98304
Number of Gates	661111	661111	71693	661111
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Virtex®	Virtex®	Virtex®-E	Virtex®

### XCV600-4BG432C Datasheet PDF

Download XCV600-4BG432C pdf datasheets and AMD documentation for XCV600-4BG432C - 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

<b>XCV50E-8PQG240C</b>	<b>XCV600-4BG560I</b>	<b>XCV50E-8CS144C</b>	<b>XCV50E-6PQG240C</b>	<b>XCV600-4FG680I</b>	<b>XCV600-4BG560C</b>
AMD Xilinx	AMD IC FPGA 404 I/O 560MBGA	AMD IC FPGA 94 I/O 144CSBGA	AMD Xilinx	AMD IC FPGA 512 I/O 680FTEBGA	AMD IC FPGA 404 I/O 560MBGA



**XCV50E-7CS144C**  
AMD  
IC FPGA 94 I/O 144CSBGA



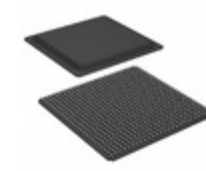
**XCV600-4BG432I**  
AMD  
IC FPGA 316 I/O 432MBGA



**XCV50PQG240**  
AMD Xilinx



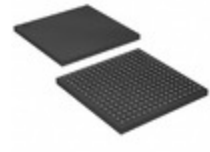
**XCV600-4BGG560I**  
AMD Xilinx



**XCV600-4FG676C**  
AMD  
IC FPGA 444 I/O 676FCBGA



**XCV50E-6PQG240I**  
AMD Xilinx



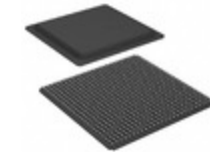
**XCV50E-7FG256C**  
AMD  
IC FPGA 176 I/O 256FBGA



**XCV600-4BGG560C**  
AMD Xilinx



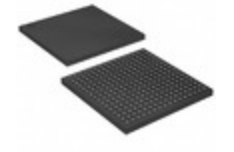
**XCV50E-8PQ240C**  
AMD  
IC FPGA 158 I/O 240QFP



**XCV600-4FG676I**  
AMD  
IC FPGA 444 I/O 676FCBGA



**XCV600-4FG680C**  
AMD  
IC FPGA 512 I/O 680FTEBGA



**XCV50E-7FG256I**  
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.



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 Fast Sourcing & Delivery

Contact us if you have any questions.

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## Certifications & Memberships



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