




XCV600-4BG560C

Manufacturer Part Number	XCV600-4BG560C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCV600-4BG560C
ECAD Model	 Request Free CAD Models
Parts Description	IC FPGA 404 I/O 560MBGA
Package	560-LBGA Exposed Pad, Metal
Data sheet	Virtex 2.5 V.pdf



Get a Quote

XCV600-4BG560C - AMD.New Original in Stock. Download Linear Technology XCV600-4BG560C datasheet/specifications on AllelcoElec.com.
Request a quote for XCV600-4BG560C, please send us email: info@allelco.com

Specifications





XCV600-4BG560C Tech Specifications

XCV600-4BG560C - 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	560-MBGA (42.5x42.5)	Number of I/O	404
Series	Virtex®	Number of Gates	661111
Package / Case	560-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 XCV600-4BG560C

Product Attribute	 NO PICTURE			
Part Number	XCV600-4BG560C	XCV50E-8PQ240C	XCV600-4HQ240C	XCV600-4FG680C
Manufacturer	AMD	AMD	AMD	AMD
Supplier Device Package	560-MBGA (42.5x42.5)	240-PQFP (32x32)	240-PQFP (32x32)	680-FTEBGA (40x40)
Number of I/O	404	158	166	512
Total RAM Bits	98304	65536	98304	98304
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package / Case	560-LBGA Exposed Pad, Metal	240-BFQFP	240-BFQFP Exposed Pad	680-LBGA Exposed Pad
Voltage - Supply	2.375V ~ 2.625V	1.71V ~ 1.89V	2.375V ~ 2.625V	2.375V ~ 2.625V
Base Product Number	XCV600	XCV50E	XCV600	XCV600
Series	Virtex®	Virtex®-E	Virtex®	Virtex®
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	15552	1728	15552	15552
Number of LABs/CLBs	3456	384	3456	3456
Number of Gates	661111	71693	661111	661111

XCV600-4BG560C Datasheet PDF

Download XCV600-4BG560C pdf datasheets and AMD documentation for XCV600-4BG560C - 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



XCV50E-8PQ240C

AMD
IC FPGA 158 I/O 240QFP



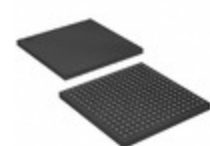
XCV600-4HQ240C

AMD
IC FPGA 166 I/O 240QFP



XCV600-4FG680C

AMD
IC FPGA 512 I/O 680FTEBGA



XCV50E-7FG256I

AMD
IC FPGA 176 I/O 256FBGA



XCV600-4FG680I

AMD
IC FPGA 512 I/O 680FTEBGA



XCV50E-8PQG240C

AMD Xilinx



XCV50E-8CS144C
AMD
IC FPGA 94 I/O 144CSBGA



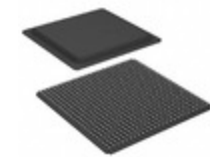
XCV50E-7CS144C
AMD
IC FPGA 94 I/O 144CSBGA



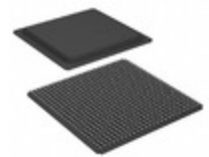
XCV600-4BGG560C
AMD Xilinx



XCV600-4BG432C
AMD
IC FPGA 316 I/O 432MBGA



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



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



XCV600-4BG560I
AMD
IC FPGA 404 I/O 560MBGA



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



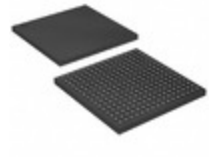
XCV600-4HQ240I
AMD
IC FPGA 166 I/O 240QFP



XCV600-4BGG560I
AMD Xilinx



XCV50PQG240
AMD Xilinx



XCV50E-7FG256C
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
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 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



View More



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