



XCV1000-4BG560C

Manufacturer Part Number	XCV1000-4BG560C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCV1000-4BG560C
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

XCV1000-4BG560C - AMD.New Original in Stock. Download Linear Technology XCV1000-4BG560C datasheet/specifications on AllelcoElec.com.
Request a quote for XCV1000-4BG560C, please send us email: info@allelco.com

Specifications

XCV1000-4BG560C Tech Specifications
XCV1000-4BG560C - 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	27648
Total RAM Bits	131072	Number of LABs/CLBs	6144
Supplier Device Package	560-MBGA (42.5x42.5)	Number of I/O	404
Series	Virtex®	Number of Gates	1124022
Package / Case	560-LBGA Exposed Pad, Metal	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCV1000

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCV1000-4BG560C

Product Attribute	NO PICTURE			
Part Number	XCV1000-4BG560C	XCV100-6TQ144C	XCV1000-5BG560I	XCV1000-4FG680C
Manufacturer	AMD	AMD	AMD	AMD
Number of LABs/CLBs	6144	600	6144	6144
Total RAM Bits	131072	40960	131072	131072
Package / Case	560-LBGA Exposed Pad, Metal	144-LQFP	560-LBGA Exposed Pad, Metal	680-LBGA Exposed Pad
Base Product Number	XCV1000	XCV100	XCV1000	XCV1000
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	560-MBGA (42.5x42.5)	144-TQFP (20x20)	560-MBGA (42.5x42.5)	680-FTEBGA (40x40)
Package	Tray	Tray	Tray	Tray
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Number of I/O	404	98	404	512
Number of Gates	1124022	108904	1124022	1124022
Number of Logic Elements/Cells	27648	2700	27648	27648
Series	Virtex®	Virtex®	Virtex®	Virtex®
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)

XCV1000-4BG560C Datasheet PDF

Download XCV1000-4BG560C pdf datasheets and AMD documentation for XCV1000-4BG560C - AMD.

Datasheets

[Virtex 2.5 V.pdf](#)

Environmental Information

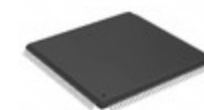
[Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

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

Customers Also Interested in

Recommended Products



XCV100-5PQG240I
AMD Xilinx

XCV100-6TQ144C
AMD
IC FPGA 98 I/O 144TQFP

XCV1000-5BG560I
AMD
IC FPGA 404 I/O 560MBGA

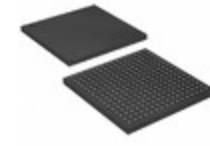
XCV1000-4FG680C
AMD
IC FPGA 512 I/O 680FTEBGA

XCV100-5TQ144C
AMD
IC FPGA 98 I/O 144TQFP

XCV1000-4BG560I
AMD
IC FPGA 404 I/O 560MBGA

**XCV100-6BG256C**AMD
IC FPGA 180 I/O 256BGA**XCV1000-5FG680C**AMD
IC FPGA 512 I/O 680FTEBGA**XCV1000-5FG680I**AMD
IC FPGA 512 I/O 680FTEBGA**XCV100-5PQ240I**AMD
IC FPGA 166 I/O 240QFP**XCV1000-6BG560I**

AMD Xilinx

XCV1000-6BG560CAMD
IC FPGA 404 I/O 560MBGA**XCV100-5TQ144I**AMD
IC FPGA 98 I/O 144TQFP**XCV1000-4FG556C**

AMD Xilinx

XCV100-5PQ240CAMD
IC FPGA 166 I/O 240QFP**XCV100-6FG256C**AMD
IC FPGA 176 I/O 256FBGA**XCV1000-5BG560C**AMD
IC FPGA 404 I/O 560MBGA**XCV100-6TQG144C**

AMD Xilinx

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

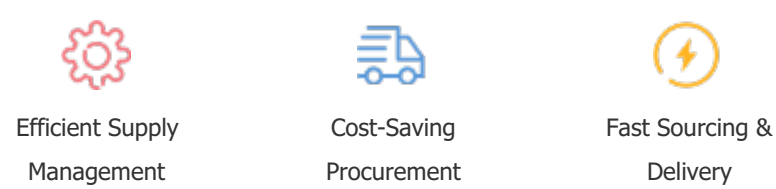
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

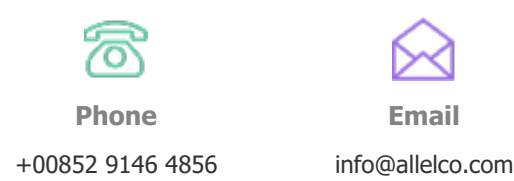
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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