

Image may be representation.
See specifications for product details.



XCV600-5FG676C

Manufacturer Part Number	XCV600-5FG676C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCV600-5FG676C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 444 I/O 676FCBGA
Package	676-BGA
Data sheet	Virtex 2.5 V.pdf

Get a Quote

XCV600-5FG676C - AMD.New Original in Stock. Download Linear Technology XCV600-5FG676C datasheet/specifications on AllelcoElec.com.
Request a quote for XCV600-5FG676C, please send us email: info@allelco.com

Specifications

XCV600-5FG676C Tech Specifications

XCV600-5FG676C - 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	676-FBGA (27x27)	Number of I/O	444
Series	Virtex®	Number of Gates	661111
Package / Case	676-BGA	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 XCV600-5FG676C

Product Attribute				
Part Number	XCV600-5FG676C	XCV600-5FG676I	XCV600-4HQ240I	XCV600-4FG676C
Manufacturer	AMD	AMD	AMD	AMD
Package / Case	676-BGA	676-BGA	240-BFQFP Exposed Pad	676-BGA
Supplier Device Package	676-FBGA (27x27)	676-FBGA (27x27)	240-PQFP (32x32)	676-FBGA (27x27)
Base Product Number	XCV600	XCV600	XCV600	XCV600
Total RAM Bits	98304	98304	98304	98304
Number of LABs/CLBs	3456	3456	3456	3456
Number of I/O	444	444	166	444
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Series	Virtex®	Virtex®	Virtex®	Virtex®
Number of Logic Elements/Cells	15552	15552	15552	15552
Number of Gates	661111	661111	661111	661111

XCV600-5FG676C Datasheet PDF

Download XCV600-5FG676C pdf datasheets and AMD documentation for XCV600-5FG676C - AMD.

Datasheets

[Virtex 2.5 V.pdf](#)

Environmental Information

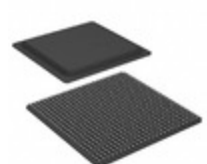
[Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

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

Customers Also Interested in

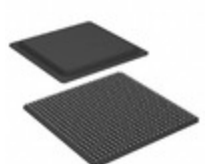
Recommended Products



XCV600-5FG676I
AMD
IC FPGA 444 I/O 676FCBGA



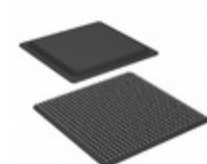
XCV600-4HQ240I
AMD
IC FPGA 166 I/O 240QFP



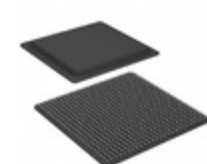
XCV600-4FG676C
AMD
IC FPGA 444 I/O 676FCBGA



XCV600E-6BG432C
AMD
IC FPGA 316 I/O 432MBGA



XCV600-6FG676C
AMD
IC FPGA 444 I/O 676FCBGA



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

**XCV600E-6BG432I**AMD
IC FPGA 316 I/O 432MBGA**XCV600-6FG680C**AMD
IC FPGA 512 I/O 680FTEBGA**XCV600-5FG680I**AMD
IC FPGA 512 I/O 680FTEBGA**XCV600-4BGG560I**

AMD Xilinx

XCV600-4FGG680C

AMD Xilinx

XCV600-4HQ240CAMD
IC FPGA 166 I/O 240QFP**XCV600-4FG680I**AMD
IC FPGA 512 I/O 680FTEBGA**XCV600-6BG560C**AMD
IC FPGA 404 I/O 560MBGA**XCV600-5HQ240I**AMD
IC FPGA 166 I/O 240QFP**XCV600-4FG680C**AMD
IC FPGA 512 I/O 680FTEBGA**XCV600-5HQ240C**AMD
IC FPGA 166 I/O 240QFP**XCV600-5BG560C**AMD
IC FPGA 404 I/O 560MBGA

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

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Email

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Certifications & Memberships



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