



Image may be representation.
See specifications for product details.



XCV300-4FG456I

Manufacturer Part Number	XCV300-4FG456I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCV300-4FG456I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 312 I/O 456FBGA
Package	456-BBGA
Data sheet	Virtex 2.5 V.pdf

Get a Quote

XCV300-4FG456I - AMD.New Original in Stock. Download Linear Technology XCV300-4FG456I datasheet/specifications on AllelcoElec.com.
Request a quote for XCV300-4FG456I, please send us email: info@allelco.com

Specifications

XCV300-4FG456I Tech Specifications

XCV300-4FG456I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	2.375V ~ 2.625V	Number of Logic Elements/Cells	6912
Total RAM Bits	65536	Number of LABs/CLBs	1536
Supplier Device Package	456-FBGA (23x23)	Number of I/O	312
Series	Virtex®	Number of Gates	322970
Package / Case	456-BBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCV300

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCV300-4FG456I

Product Attribute				
Part Number	XCV300-4FG456I	XCV300-5BG432I	XCV300-4BG432C	XCV300-5BG432C
Manufacturer	AMD	AMD	AMD	AMD
Number of Gates	322970	322970	322970	322970
Number of Logic Elements/Cells	6912	6912	6912	6912
Supplier Device Package	456-FBGA (23x23)	432-MBGA (40x40)	432-MBGA (40x40)	432-MBGA (40x40)
Total RAM Bits	65536	65536	65536	65536
Number of I/O	312	316	316	316
Series	Virtex®	Virtex®	Virtex®	Virtex®
Number of LABs/CLBs	1536	1536	1536	1536
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XCV300	XCV300	XCV300	XCV300
Package	Tray	Tray	Tray	Tray
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package / Case	456-BBGA	432-LBGA Exposed Pad, Metal	432-LBGA Exposed Pad, Metal	432-LBGA Exposed Pad, Metal

XCV300-4FG456I Datasheet PDF

Download XCV300-4FG456I pdf datasheets and AMD documentation for XCV300-4FG456I - 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

XCV300-5BG432I	XCV300-4BGG352C	XCV300-4BG432C	XCV300-5BG432C	XCV300-4FG456C	XCV300-4BG432I
AMD	AMD Xilinx	AMD	AMD	AMD	AMD
IC FPGA 316 I/O 432MBGA		IC FPGA 316 I/O 432MBGA	IC FPGA 316 I/O 432MBGA	IC FPGA 312 I/O 456FBGA	IC FPGA 316 I/O 432MBGA



XCV300-4BG432CES

AMD Xilinx

XCV300-5BG352I

AMD
IC FPGA 260 I/O 352MBGA

XCV300-4BGG432I

AMD Xilinx

XCV300-4PQG240I

AMD Xilinx

XCV300-4BGG432C

AMD Xilinx

XCV300-4PQG240C

AMD Xilinx



XCV300-4PQ240I

AMD
IC FPGA 166 I/O 240QFP

XCV300-4FGG456C

AMD Xilinx

XCV300-4BGG352I

AMD Xilinx

XCV300-5BG352C

AMD
IC FPGA 260 I/O 352MBGA

XCV300-4PQ240C

AMD
IC FPGA 166 I/O 240QFP

XCV300-4BG352I

AMD
IC FPGA 260 I/O 352MBGA

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



View More



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