



XCV300E-6BG432C

Manufacturer Part Number	XCV300E-6BG432C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCV300E-6BG432C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 316 I/O 432MBGA
Package	432-LBGA Exposed Pad, Metal
Data sheet	Virtex-E 1.8V.pdf



Get a Quote

XCV300E-6BG432C - AMD.New Original in Stock. Download Linear Technology XCV300E-6BG432C datasheet/specifications on AllelcoElec.com.
Request a quote for XCV300E-6BG432C, please send us email: info@allelco.com

Specifications

XCV300E-6BG432C Tech Specifications
XCV300E-6BG432C - 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	1.71V ~ 1.89V	Number of Logic Elements/Cells	6912
Total RAM Bits	131072	Number of LABs/CLBs	1536
Supplier Device Package	432-MBGA (40x40)	Number of I/O	316
Series	Virtex®-E	Number of Gates	411955
Package / Case	432-LBGA Exposed Pad, Metal	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCV300E

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCV300E-6BG432C

Product Attribute				
Part Number	XCV300E-6BG432C	XCV300E-6FG456C	XCV300E-6BG352I	XCV300E-7BG432I
Manufacturer	AMD	AMD	AMD	AMD
Number of I/O	316	312	260	316
Supplier Device Package	432-MBGA (40x40)	456-FBGA (23x23)	352-MBGA (35x35)	432-MBGA (40x40)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Virtex®-E	Virtex®-E	Virtex®-E	Virtex®-E
Package	Tray	Tray	Tray	Tray
Package / Case	432-LBGA Exposed Pad, Metal	456-BBGA	352-LBGA Exposed Pad, Metal	432-LBGA Exposed Pad, Metal
Number of Gates	411955	411955	411955	411955
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Voltage - Supply	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V
Total RAM Bits	131072	131072	131072	131072
Number of LABs/CLBs	1536	1536	1536	1536
Number of Logic Elements/Cells	6912	6912	6912	6912
Base Product Number	XCV300E	XCV300E	XCV300E	XCV300E

XCV300E-6BG432C Datasheet PDF

Download XCV300E-6BG432C pdf datasheets and AMD documentation for XCV300E-6BG432C - AMD.

Datasheets

[Virtex-E 1.8V.pdf](#)

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

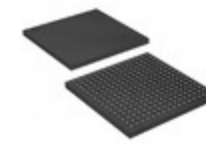
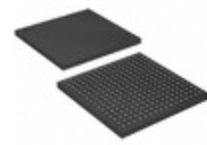
PCN Obsolescence/ EOL

[Spartan, Virtex, XC17V00 24/Apr/2013.pdf](#)

Customers Also Interested in

Recommended Products

XCV300E-4FG456C	XCV300E-6PQG240C	XCV300E	XCV300E-6FG456C	XCV3003PQ240A	XCV300E-6BG352I
AMD Xilinx	AMD Xilinx	AMD Xilinx	AMD IC FPGA 312 I/O 456FBGA	AMD Xilinx	AMD IC FPGA 260 I/O 352MBGA

**XCV300E-7BG432I**AMD
IC FPGA 316 I/O 432MBGA**XCV300E-6FG256I**AMD
IC FPGA 176 I/O 256FBGA**XCV300E-6BG352C**AMD
IC FPGA 260 I/O 352MBGA**XCV300E-6PQ240C**AMD
IC FPGA 158 I/O 240QFP**XCV300E-6FG256C**AMD
IC FPGA 176 I/O 256FBGA**XCV300E-6FGG456C**

AMD Xilinx

**XCV300E-6BG432I**AMD
IC FPGA 316 I/O 432MBGA**XCV300E-6PQ240I**AMD
IC FPGA 158 I/O 240QFP**XCV300-6PQ240C**AMD
IC FPGA 166 I/O 240QFP**XCV300-6FGG456C**

AMD Xilinx

XCV300-6BG432CAMD
IC FPGA 316 I/O 432MBGA**XCV300-6BG352C**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

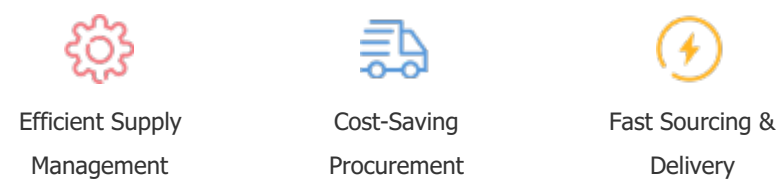
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

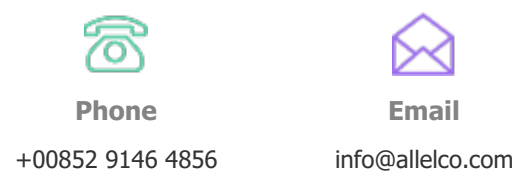
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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