




## XCV300-6BG352C

Manufacturer Part Number	<b>XCV300-6BG352C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCV300-6BG352C
ECAD Model	 Request Free CAD Models
Parts Description	IC FPGA 260 I/O 352MBGA
Package	352-LBGA Exposed Pad, Metal
Data sheet	<b>Virtex 2.5 V.pdf</b>



**Get a Quote**

XCV300-6BG352C - AMD.New Original in Stock. Download Linear Technology XCV300-6BG352C datasheet/specifications on AllelcoElec.com.  
Request a quote for XCV300-6BG352C, please send us email: [info@allelco.com](mailto:info@allelco.com)





### Specifications

XCV300-6BG352C Tech Specifications  
XCV300-6BG352C - 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	6912
Total RAM Bits	65536	Number of LABs/CLBs	1536
Supplier Device Package	352-MBGA (35x35)	Number of I/O	260
Series	Virtex®	Number of Gates	322970
Package / Case	352-LBGA Exposed Pad, Metal	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 XCV300-6BG352C

Product Attribute	 NO PICTURE			
Part Number	XCV300-6BG352C	<a href="#">XCV300E-6BG352C</a>	<a href="#">XCV300-6BG432C</a>	<a href="#">XCV300-5PQ240C</a>
Manufacturer	AMD	AMD	AMD	AMD
Total RAM Bits	65536	131072	65536	65536
Package / Case	352-LBGA Exposed Pad, Metal	352-LBGA Exposed Pad, Metal	432-LBGA Exposed Pad, Metal	240-BFQFP
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	6912	6912	6912	6912
Series	Virtex®	Virtex®-E	Virtex®	Virtex®
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of I/O	260	260	316	166
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	352-MBGA (35x35)	352-MBGA (35x35)	432-MBGA (40x40)	240-PQFP (32x32)
Voltage - Supply	2.375V ~ 2.625V	1.71V ~ 1.89V	2.375V ~ 2.625V	2.375V ~ 2.625V
Number of Gates	322970	411955	322970	322970
Number of LABs/CLBs	1536	1536	1536	1536
Base Product Number	XCV300	XCV300E	XCV300	XCV300

### XCV300-6BG352C Datasheet PDF

Download XCV300-6BG352C pdf datasheets and AMD documentation for XCV300-6BG352C - AMD.


#### Datasheets


[Virtex 2.5 V.pdf](#)

#### Environmental Information


[Xilinx REACH211 Cert.pdf](#)

#### PCN Obsolescence/ EOL


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

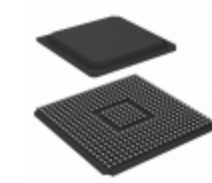
### Customers Also Interested in

#### Recommended Products

					
<b>XCV300E-6BG352C</b>	<b>XCV300-6BG432C</b>	<b>XCV3003PQ240A</b>	<b>XCV300-5PQ240C</b>	<b>XCV300-5PQG240I</b>	<b>XCV300E</b>
AMD IC FPGA 260 I/O 352MBGA	AMD IC FPGA 316 I/O 432MBGA	AMD Xilinx	AMD IC FPGA 166 I/O 240QFP	AMD Xilinx	AMD Xilinx

**XCV300-5BG352I**AMD  
IC FPGA 260 I/O 352MBGA**XCV300E-6BG432C**AMD  
IC FPGA 316 I/O 432MBGA**XCV300E-6BG352I**AMD  
IC FPGA 260 I/O 352MBGA**XCV300-5BG432C**AMD  
IC FPGA 316 I/O 432MBGA**XCV300-5BG432I**AMD  
IC FPGA 316 I/O 432MBGA**XCV300-5BG432CES**

AMD Xilinx

**XCV300-5PQ240I**AMD  
IC FPGA 166 I/O 240QFP**XCV300-5PQG240C**

AMD Xilinx

**XCV300-6FGG456C**

AMD Xilinx

**XCV300-6PQ240C**AMD  
IC FPGA 166 I/O 240QFP**XCV300-5FG456C**AMD  
IC FPGA 312 I/O 456FBGA**XCV300E-4FG456C**

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

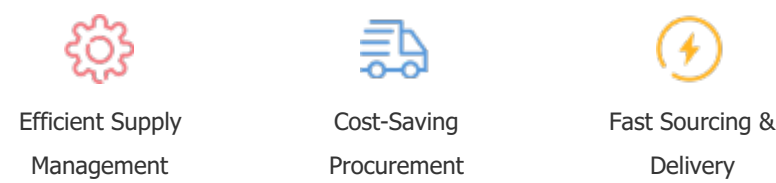
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

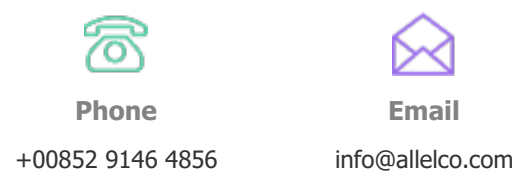
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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