



# XC2V6000-4BF957C

Manufacturer Part Number	<b>XC2V6000-4BF957C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2V6000-4BF957C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 684 I/O 957FCBGA
Package	957-BBGA, FCBGA
Data sheet	<b>Virtex-II Platform FPGAs.pdf</b>



**Get a Quote**

XC2V6000-4BF957C - AMD.New Original in Stock. Download Linear Technology XC2V6000-4BF957C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2V6000-4BF957C, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

XC2V6000-4BF957C Tech Specifications  
XC2V6000-4BF957C - 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	1.425V ~ 1.575V	Number of LABs/CLBs	8448
Total RAM Bits	2654208	Number of I/O	684
Supplier Device Package	957-FCBGA (40x40)	Number of Gates	6000000
Series	Virtex®-II	Mounting Type	Surface Mount
Package / Case	957-BBGA, FCBGA	Base Product Number	XC2V6000
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2V6000-4BF957C

Product Attribute				
Part Number	XC2V6000-4BF957C	<a href="#">XC2V500-5FGG456C</a>	<a href="#">XC2V500-4FGG456I</a>	<a href="#">XC2V500-5FGG256C</a>
Manufacturer	AMD	AMD	AMD	AMD
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Package / Case	957-BBGA, FCBGA	456-BBGA	456-BBGA	256-BGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	684	264	264	172
Series	Virtex®-II	Virtex®-II	Virtex®-II	Virtex®-II
Number of LABs/CLBs	8448	768	768	768
Number of Gates	6000000	500000	500000	500000
Supplier Device Package	957-FCBGA (40x40)	456-FBGA (23x23)	456-FBGA (23x23)	256-FBGA (17x17)
Package	Tray	Tray	Tray	Tray
Base Product Number	XC2V6000	XC2V500	XC2V500	XC2V500
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Total RAM Bits	2654208	589824	589824	589824

## XC2V6000-4BF957C Datasheet PDF

Download XC2V6000-4BF957C.pdf datasheets and AMD documentation for XC2V6000-4BF957C - AMD.

### Datasheets

[Virtex-II Platform FPGAs.pdf](#)

### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

### PCN Obsolescence/ EOL

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

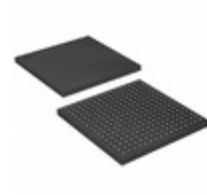
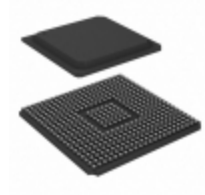
### PCN Design/Specification

[Stamped Lids 18/Apr/2016.pdf](#)

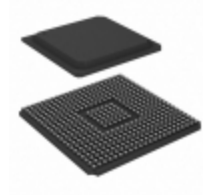
## Customers Also Interested in

### Recommended Products

<b>XC2V500-5FGG456C</b>	<b>XC2V500-4FGG456I</b>	<b>XC2V500-5FGG256C</b>	<b>XC2V6000-4FF1152C</b>	<b>XC2V6000-4FFG1152I</b>	<b>XC2V500-5FG456C</b>
AMD	AMD	AMD	AMD Xilinx	AMD	AMD Xilinx

**XC2V6000-4FF1152I**AMD  
IC FPGA 824 I/O 1152FCBGA**XC2V500-6FGG256C**AMD  
IC FPGA 172 I/O 256FBGA**XC2V500-5FG456I**AMD  
IC FPGA 264 I/O 456FBGA**XC2V6000-4BF957I**AMD  
IC FPGA 684 I/O 957FCBGA**XC2V500-6FG256C**

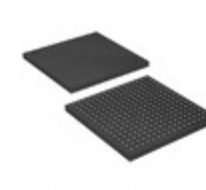
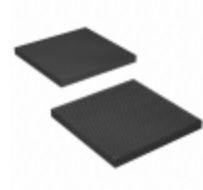
AMD Xilinx

**XC2V500-5FGG456I**AMD  
IC FPGA 264 I/O 456FBGA**XC2V6000-5BF957C**AMD  
IC FPGA 684 I/O 957FCBGA**XC2V6000-4FF1517C**

AMD Xilinx

**XC2V6000-5FF1152C**

AMD Xilinx

**XC2V6000-5FF1152I**AMD  
IC FPGA 824 I/O 1152FCBGA**XC2V500-5FG256I**AMD  
IC FPGA 172 I/O 256FBGA**XC2V6000-4FFG1517C**AMD  
IC FPGA 1104 I/O 1517FCBGA

## 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.



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Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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## Certifications & Memberships



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