

Image may be representation.  
See specifications for product details.



## XC2VP7-6FFG896C

Manufacturer Part Number	<b>XC2VP7-6FFG896C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2VP7-6FFG896C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 396 I/O 896FCBGA
Package	896-BBGA, FCBGA
Data sheet	<b>Virtex-II Pro, Pro X.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC2VP7-6FFG896C - AMD.New Original in Stock. Download Linear Technology XC2VP7-6FFG896C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2VP7-6FFG896C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC2VP7-6FFG896C Tech Specifications  
XC2VP7-6FFG896C - 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 Logic Elements/Cells	11088
Total RAM Bits	811008	Number of LABs/CLBs	1232
Supplier Device Package	896-FCBGA (31x31)	Number of I/O	396
Series	Virtex®-II Pro	Mounting Type	Surface Mount
Package / Case	896-BBGA, FCBGA	Base Product Number	XC2VP7
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2VP7-6FFG896C

Product Attribute				
Part Number	XC2VP7-6FFG896C	<b>XC2VP7-7FF672C</b>	<b>XC2VP70-5FFG1517C</b>	<b>XC2VP7-5FGG456C</b>
Manufacturer	AMD	AMD	AMD	AMD
Package / Case	896-BBGA, FCBGA	672-BBGA, FCBGA	1517-BBGA, FCBGA	456-BBGA
Series	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro
Total RAM Bits	811008	811008	6045696	811008
Base Product Number	XC2VP7	-	XC2VP70	XC2VP7
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Bulk	Tray	Tray
Number of I/O	396	396	964	248
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of LABs/CLBs	1232	1232	8272	1232
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Number of Logic Elements/Cells	11088	11088	74448	11088
Supplier Device Package	896-FCBGA (31x31)	672-FCBGA (27x27)	1517-FCBGA (40x40)	456-FBGA (23x23)

### XC2VP7-6FFG896C Datasheet PDF

Download XC2VP7-6FFG896C pdf datasheets and AMD documentation for XC2VP7-6FFG896C - AMD.

#### Datasheets

[Virtex-II Pro, Pro X.pdf](#)

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### PCN Obsolescence/ EOL

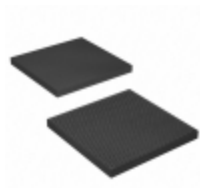
[Mult Dev EOL 6/Jan/2020.pdf](#)

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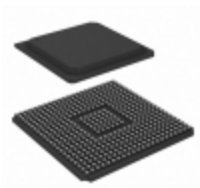
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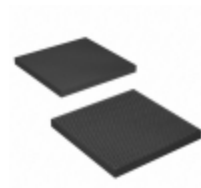
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AMD  
IC FPGA 396 I/O 672FCBGA



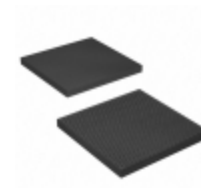
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AMD  
IC FPGA 964 I/O 1517FCBGA



**XC2VP7-5FGG456C**  
AMD  
IC FPGA 248 I/O 456FBGA



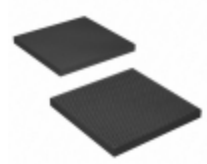
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AMD  
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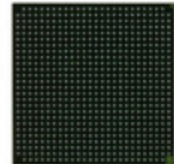
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**XC2VP7-5FFG672C**  
AMD  
IC FPGA 396 I/O 672FCBGA



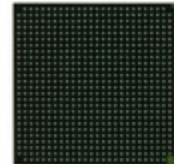
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AMD  
IC FPGA 964 I/O 1517FCBGA



**XC2VP7-6FFG672I**  
AMD  
IC FPGA 396 I/O 672FCBGA



**XC2VP70-5FF1704I**  
AMD  
IC FPGA 996 I/O 1704FCBGA



**XC2VP7-6FFG672C**  
AMD  
IC FPGA 396 I/O 672FCBGA



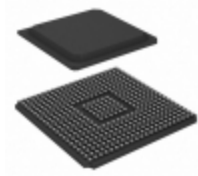
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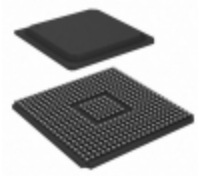
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AMD  
IC FPGA 396 I/O 672FCBGA



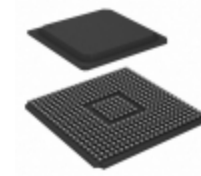
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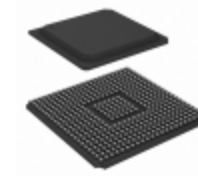
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AMD  
IC FPGA 248 I/O 456FBGA



**XC2VP7-5FF896C**  
AMD  
IC FPGA 396 I/O 896FCBGA



**XC2VP7-5FG456C**  
AMD  
IC FPGA 248 I/O 456FBGA



**XC2VP7-5FG456I**  
AMD  
IC FPGA 248 I/O 456FBGA

## 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  
+00852 9146 4856

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info@allelco.com

## Certifications & Memberships



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