

Image may be representation.  
See specifications for product details.



## XC2VP7-5FGG456I

Manufacturer Part Number	<b>XC2VP7-5FGG456I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2VP7-5FGG456I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 248 I/O 456FBGA
Package	456-BBGA
Data sheet	<b>Virtex-II Pro, Pro X.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC2VP7-5FGG456I - AMD.New Original in Stock. Download Linear Technology XC2VP7-5FGG456I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2VP7-5FGG456I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC2VP7-5FGG456I Tech Specifications  
XC2VP7-5FGG456I - 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	1.425V ~ 1.575V	Number of Logic Elements/Cells	11088
Total RAM Bits	811008	Number of LABs/CLBs	1232
Supplier Device Package	456-FBGA (23x23)	Number of I/O	248
Series	Virtex®-II Pro	Mounting Type	Surface Mount
Package / Case	456-BBGA	Base Product Number	XC2VP7
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2VP7-5FGG456I

Product Attribute				
Part Number	XC2VP7-5FGG456I	<a href="#">XC2VP50-7FFG1152C</a>	<a href="#">XC2VP70-5FF1517C</a>	<a href="#">XC2VP50-6FFG1152I</a>
Manufacturer	AMD	AMD	AMD	AMD
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	11088	53136	74448	53136
Base Product Number	XC2VP7	XC2VP50	-	XC2VP50
Package / Case	456-BBGA	1152-BBGA, FCBGA	1517-BBGA, FCBGA	1152-BBGA, FCBGA
Supplier Device Package	456-FBGA (23x23)	1152-FCBGA (35x35)	1517-FCBGA (40x40)	1152-FCBGA (35x35)
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Number of LABs/CLBs	1232	5904	8272	5904
Package	Tray	Tray	Bulk	Tray
Total RAM Bits	811008	4276224	6045696	4276224
Number of I/O	248	692	964	692
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro

### XC2VP7-5FGG456I Datasheet PDF

Download XC2VP7-5FGG456I pdf datasheets and AMD documentation for XC2VP7-5FGG456I - AMD.

#### Datasheets

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

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### PCN Obsolescence/ EOL

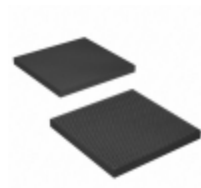
[Mult Dev EOL 6/Jan/2020.pdf](#)

### Customers Also Interested in

#### Recommended Products



**XC2VP50-7FFG1152C**  
AMD  
IC FPGA 692 I/O 1152FCBGA



**XC2VP70-5FF1517C**  
AMD  
IC FPGA 964 I/O 1517FCBGA



**XC2VP50-6FFG1152I**  
AMD  
IC FPGA 692 I/O 1152FCBGA



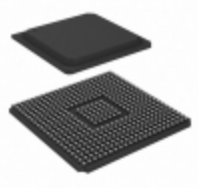
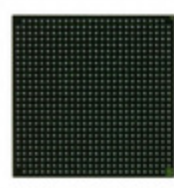
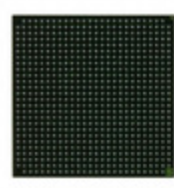
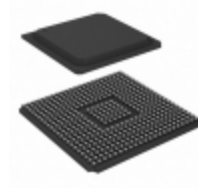
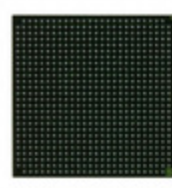
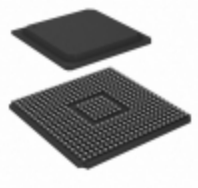
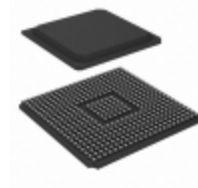
**XC2VP7-6FFG896C**  
AMD  
IC FPGA 396 I/O 896FCBGA



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



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

**XC2VP7-5FG456I**AMD  
IC FPGA 248 I/O 456FBGA**XC2VP7-7FF672C**AMD  
IC FPGA 396 I/O 672FCBGA**XC2VP7-5FF672C**AMD  
IC FPGA 396 I/O 672FCBGA**XC2VP7-6FG456I**AMD  
IC FPGA 248 I/O 456FBGA**XC2VP7-6FF672C**AMD  
IC FPGA 396 I/O 672FCBGA**XC2VP7-5FFG672C**AMD  
IC FPGA 396 I/O 672FCBGA**XC2VP7-5FG456C**AMD  
IC FPGA 248 I/O 456FBGA**XC2VP7-5FF672I**AMD  
IC FPGA 396 I/O 672FCBGA**XC2VP7-6FF896C**AMD  
IC FPGA 396 I/O 896FCBGA**XC2VP7-5FGG456C**AMD  
IC FPGA 248 I/O 456FBGA**XC2VP7-5FF896C**AMD  
IC FPGA 396 I/O 896FCBGA**XC2VP50-6FFG1152C**AMD  
IC FPGA 692 I/O 1152FCBGA

## 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.



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Email

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### Certifications & Memberships



[View More](#)

### Contact us

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