

Image may be representation.
See specifications for product details.



XC2VP4-5FGG456I

Manufacturer Part Number	XC2VP4-5FGG456I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2VP4-5FGG456I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 248 I/O 456FBGA
Package	456-BBGA
Data sheet	Virtex-II Pro, Pro X.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC2VP4-5FGG456I - AMD.New Original in Stock. Download Linear Technology XC2VP4-5FGG456I datasheet/specifications on AllelcoElec.com.
Request a quote for XC2VP4-5FGG456I, please send us email: info@allelco.com

Specifications

XC2VP4-5FGG456I Tech Specifications
XC2VP4-5FGG456I - 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	6768
Total RAM Bits	516096	Number of LABs/CLBs	752
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	XC2VP4
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2VP4-5FGG456I

Product Attribute				
Part Number	XC2VP4-5FGG456I	XC2VP40-5FFG1152C	XC2VP40-5FF1152I	XC2VP4-5FG456I
Manufacturer	AMD	AMD	AMD	AMD
Supplier Device Package	456-FBGA (23x23)	1152-FCBGA (35x35)	1152-FCBGA (35x35)	456-FBGA (23x23)
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Series	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	752	4848	4848	752
Package / Case	456-BBGA	1152-BBGA, FCBGA	1152-BBGA, FCBGA	456-BBGA
Base Product Number	XC2VP4	XC2VP40	XC2VP40	XC2VP4
Package	Tray	Bulk	Tray	Tray
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Total RAM Bits	516096	3538944	3538944	516096
Number of Logic Elements/Cells	6768	43632	43632	6768
Number of I/O	248	692	692	248

XC2VP4-5FGG456I Datasheet PDF

Download XC2VP4-5FGG456I pdf datasheets and AMD documentation for XC2VP4-5FGG456I - AMD.

Datasheets

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

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

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

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Recommended Products



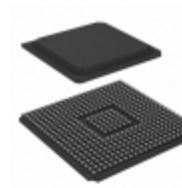
XC2VP40-5FFG1152C
AMD
IC FPGA 692 I/O 1152FCBGA



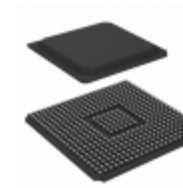
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AMD
IC FPGA 692 I/O 1152FCBGA



XC2VP40-5FF1152C0641
AMD Xilinx



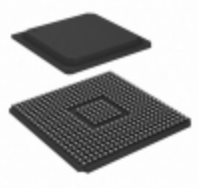
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AMD
IC FPGA 248 I/O 456FBGA



XC2VP4-7FG456C
Xilinx Inc.
IC FPGA 248 I/O 456FBGA



XC2VP4-6FG456CES
AMD Xilinx



XC2VP4-6FG456C
AMD
IC FPGA 248 I/O 456FCBGA



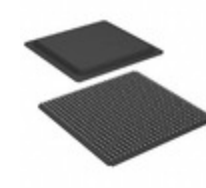
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AMD Xilinx



XC2VP40-5FC676I
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XC2VP30-7FFG896C
AMD
IC FPGA 556 I/O 896FCBGA



XC2VP30-6FG676I
AMD
IC FPGA 416 I/O 676FCBGA



XC2VP40-5FFG1148C
AMD
IC FPGA 804 I/O 1148FCBGA



XC2VP4-5FF672C
AMD
IC FPGA 348 I/O 672FCBGA



XC2VP40-5FF1152C
AMD
IC FPGA 692 I/O 1152FCBGA



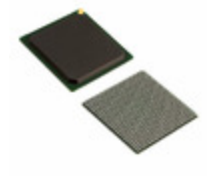
XC2VP30-FFG1152
AMD Xilinx



XC2VP30-7FFG896I
AMD Xilinx



XC2VP4-5FFG672C
AMD
IC FPGA 348 I/O 672FCBGA



XC2VP30-6F6G676C
AMD
IC FPGA 416 I/O 676FCBGA

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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+00852 9146 4856
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info@allelco.com

Certifications & Memberships



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