

Image may be representation.  
See specifications for product details.



## XC2VP40-5FFG1148C

Manufacturer Part Number	<b>XC2VP40-5FFG1148C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2VP40-5FFG1148C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 804 I/O 1148FCBGA
Package	1148-BBGA, FCBGA
Data sheet	<b>Virtex-II Pro, Pro X.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC2VP40-5FFG1148C - AMD,New Original in Stock. Download Linear Technology XC2VP40-5FFG1148C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2VP40-5FFG1148C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC2VP40-5FFG1148C Tech Specifications  
XC2VP40-5FFG1148C - 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	43632
Total RAM Bits	3538944	Number of LABs/CLBs	4848
Supplier Device Package	1148-FCPBGA (35x35)	Number of I/O	804
Series	Virtex®-II Pro	Mounting Type	Surface Mount
Package / Case	1148-BBGA, FCBGA	Base Product Number	XC2VP40
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2VP40-5FFG1148C

Product Attribute				
Part Number	XC2VP40-5FFG1148C	<a href="#">XC2VP40-5FF1152C</a>	<a href="#">XC2VP40-6FG676C</a>	<a href="#">XC2VP40-6FF1152I</a>
Manufacturer	AMD	AMD	AMD	AMD
Package	Tray	Bulk	Bulk	Tray
Number of LABs/CLBs	4848	4848	4848	4848
Package / Case	1148-BBGA, FCBGA	1152-BBGA, FCBGA	676-BGA	1152-BBGA, FCBGA
Series	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro	Virtex®-II Pro
Total RAM Bits	3538944	3538944	3538944	3538944
Number of I/O	804	692	416	692
Number of Logic Elements/Cells	43632	43632	43632	43632
Supplier Device Package	1148-FCPBGA (35x35)	1152-FCBGA (35x35)	676-FBGA (27x27)	1152-FCBGA (35x35)
Base Product Number	XC2VP40	-	-	XC2VP40
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### XC2VP40-5FFG1148C Datasheet PDF

Download XC2VP40-5FFG1148C pdf datasheets and AMD documentation for XC2VP40-5FFG1148C - AMD.

#### Datasheets

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

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### PCN Obsolescence/ EOL

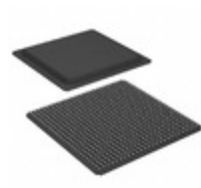
[Mult Dev EOL 6/Jan/2020.pdf](#)

### Customers Also Interested in

#### Recommended Products



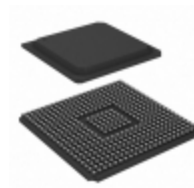
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AMD  
IC FPGA 692 I/O 1152FCBGA



**XC2VP40-6FG676C**  
AMD  
IC FPGA 416 I/O 676FCBGA



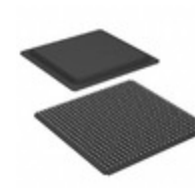
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AMD  
IC FPGA 692 I/O 1152FCBGA



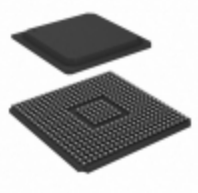
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Xilinx Inc.  
IC FPGA 248 I/O 456FBGA



**XC2VP40-6FFG1152C**  
AMD  
IC FPGA 692 I/O 1152FCBGA



**XC2VP40-5FG676C**  
AMD  
IC FPGA 416 I/O 676FCBGA



**XC2VP4-5FGG456I**  
AMD  
IC FPGA 248 I/O 456FBGA



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



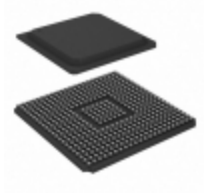
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AMD  
IC FPGA 804 I/O 1148FCBGA



**XC2VP40-6FF1152C**  
AMD  
IC FPGA 692 I/O 1152FCBGA



**XC2VP40-5FF1152C0641**  
AMD Xilinx



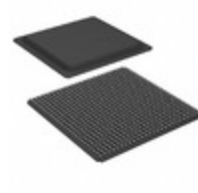
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IC FPGA 692 I/O 1152FCBGA



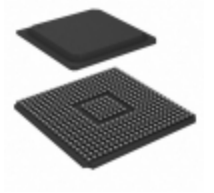
**XC2VP40-6FG676I**  
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IC FPGA 416 I/O 676FCBGA



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IC FPGA 692 I/O 1152FCBGA



**XC2VP40-5FC676I**  
AMD Xilinx



**XC2VP4-6FG456C**  
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  
 Email  
info@allelco.com

## Certifications & Memberships



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