



Image may be representation.  
See specifications for product details.



## XC2VP50-6FFG1152C

Manufacturer Part Number	<b>XC2VP50-6FFG1152C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2VP50-6FFG1152C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 692 I/O 1152FCBGA
Package	1152-BBGA, FCBGA
Data sheet	<b>Virtex-II Pro, Pro X.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC2VP50-6FFG1152C - AMD,New Original in Stock. Download Linear Technology XC2VP50-6FFG1152C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2VP50-6FFG1152C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC2VP50-6FFG1152C Tech Specifications  
XC2VP50-6FFG1152C - 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	53136
Total RAM Bits	4276224	Number of LABs/CLBs	5904
Supplier Device Package	1152-FCBGA (35x35)	Number of I/O	692
Series	Virtex®-II Pro	Mounting Type	Surface Mount
Package / Case	1152-BBGA, FCBGA	Base Product Number	XC2VP50
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2VP50-6FFG1152C

Product Attribute				
Part Number	XC2VP50-6FFG1152C	<a href="#">XC2VP7-5FF672I</a>	<a href="#">XC2VP50-5FF1517C</a>	<a href="#">XC2VP50-5FFG1152I</a>
Manufacturer	AMD	AMD	AMD	AMD
Package / Case	1152-BBGA, FCBGA	672-BBGA, FCBGA	1517-BBGA, FCBGA	1152-BBGA, FCBGA
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 Logic Elements/Cells	53136	11088	53136	53136
Total RAM Bits	4276224	811008	4276224	4276224
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Supplier Device Package	1152-FCBGA (35x35)	672-FCBGA (27x27)	1517-FCBGA (40x40)	1152-FCBGA (35x35)
Base Product Number	XC2VP50	XC2VP7	-	XC2VP50
Number of I/O	692	396	852	692
Number of LABs/CLBs	5904	1232	5904	5904
Voltage - Supply	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V	1.425V ~ 1.575V
Package	Tray	Tray	Bulk	Tray

### XC2VP50-6FFG1152C Datasheet PDF

Download XC2VP50-6FFG1152C pdf datasheets and AMD documentation for XC2VP50-6FFG1152C - AMD.

#### Datasheets

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

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### PCN Obsolescence/ EOL

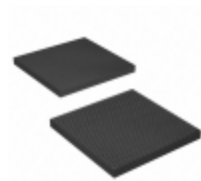
[Mult Dev EOL 6/Jan/2020.pdf](#)

### Customers Also Interested in

#### Recommended Products



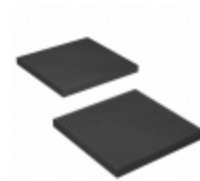
**XC2VP7-5FF672I**  
AMD  
IC FPGA 396 I/O 672FCBGA



**XC2VP50-5FF1517C**  
AMD  
IC FPGA 852 I/O 1517FCBGA



**XC2VP50-5FFG1152I**  
AMD  
IC FPGA 692 I/O 1152FCBGA



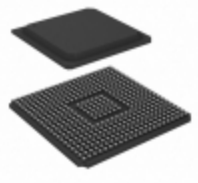
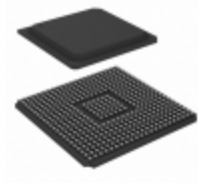
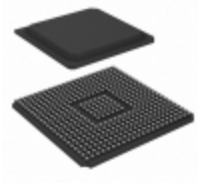
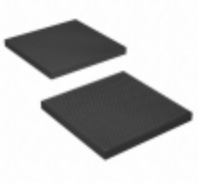
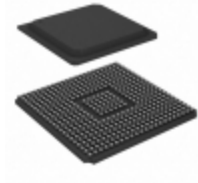
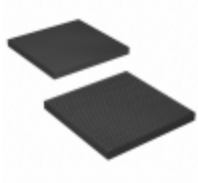
**XC2VP50-6FF1517C**  
AMD  
IC FPGA 852 I/O 1517FCBGA



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



**XC2VP50-5FFG1152C**  
AMD  
IC FPGA 692 I/O 1152FCBGA

**XC2VP7-5FGG456C**AMD  
IC FPGA 248 I/O 456FBGA**XC2VP7-5FG456C**AMD  
IC FPGA 248 I/O 456FBGA**XC2VP7-5FG456I**AMD  
IC FPGA 248 I/O 456FBGA**XC2VP7-5FFG672C**AMD  
IC FPGA 396 I/O 672FCBGA**XC2VP50-6FF1152C**AMD  
IC FPGA 692 I/O 1152FCBGA**XC2VP7-5FFG672C**AMD  
IC FPGA 396 I/O 672FCBGA**XC2VP50-5FF1517I**AMD  
IC FPGA 852 I/O 1517FCBGA**XC2VP7-5FGG456I**AMD  
IC FPGA 248 I/O 456FBGA**XC2VP50-5FFG1517C**AMD  
IC FPGA 852 I/O 1517FCBGA**XC2VP50-6FF1152I**AMD  
IC FPGA 692 I/O 1152FCBGA**XC2VP50-5FF1152I**AMD  
IC FPGA 692 I/O 1152FCBGA**XC2VP50-6FFG1152I**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.

 Phone  
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### Certifications & Memberships



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