

Image may be representation.  
See specifications for product details.



## XCV150-4FG256C

Manufacturer Part Number	<b>XCV150-4FG256C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCV150-4FG256C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 176 I/O 256FBGA
Package	256-BGA
Data sheet	<b>Virtex 2.5 V.pdf</b>

**Get a Quote**

XCV150-4FG256C - AMD.New Original in Stock. Download Linear Technology XCV150-4FG256C datasheet/specifications on AllelcoElec.com.  
Request a quote for XCV150-4FG256C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCV150-4FG256C Tech Specifications

XCV150-4FG256C - 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	2.375V ~ 2.625V	Number of Logic Elements/Cells	3888
Total RAM Bits	49152	Number of LABs/CLBs	864
Supplier Device Package	256-FBGA (17x17)	Number of I/O	176
Series	Virtex®	Number of Gates	164674
Package / Case	256-BGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCV150

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCV150-4FG256C

Product Attribute				
Part Number	XCV150-4FG256C	<b>XCV150-4FG456I</b>	<b>XCV100E-7FG256C</b>	<b>XCV150-4BG256C</b>
Manufacturer	AMD	AMD	AMD	AMD
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	1.71V ~ 1.89V	2.375V ~ 2.625V
Total RAM Bits	49152	49152	81920	49152
Number of I/O	176	260	176	180
Supplier Device Package	256-FBGA (17x17)	456-FBGA (23x23)	256-FBGA (17x17)	256-PBGA (27x27)
Package	Tray	Tray	Tray	Tray
Package / Case	256-BGA	456-BBGA	256-BGA	256-BBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Gates	164674	164674	128236	164674
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of LABs/CLBs	864	864	600	864
Number of Logic Elements/Cells	3888	3888	2700	3888
Series	Virtex®	Virtex®	Virtex®-E	Virtex®
Base Product Number	XCV150	XCV150	XCV100E	XCV150

### XCV150-4FG256C Datasheet PDF

Download XCV150-4FG256C pdf datasheets and AMD documentation for XCV150-4FG256C - AMD.

#### Datasheets

[Virtex 2.5 V.pdf](#)

#### Environmental Information

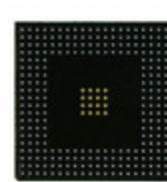
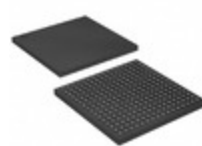
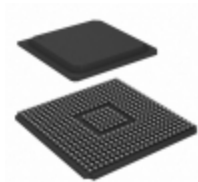
[Xilinx REACH211 Cert.pdf](#)

#### PCN Obsolescence/ EOL

[Spartan,Virtex FPGA/SCD 18/Oct/2010.pdf](#)

### Customers Also Interested in

#### Recommended Products



**XCV150-4FGG456C**

AMD Xilinx

**XCV150-4FG456I**

AMD  
IC FPGA 260 I/O 456FBGA

**XCV100E-7FG256C**

AMD  
IC FPGA 176 I/O 256FBGA

**XCV150-4BG256C**

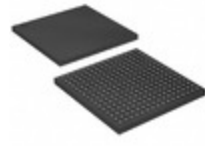
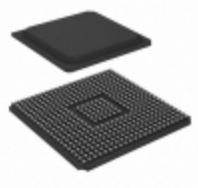
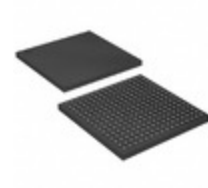
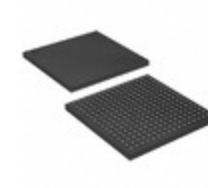
AMD  
IC FPGA 180 I/O 256BGA

**XCV150-5PQ240I**

AMD  
IC FPGA 166 I/O 240QFP

**XCV150-4BG352C**

AMD  
IC FPGA 260 I/O 352MBGA

**XCV150-4PQ240I**AMD  
IC FPGA 166 I/O 240QFP**XCV150-4PQ240C**AMD  
IC FPGA 166 I/O 240QFP**XCV100E-8FG256C**AMD  
IC FPGA 176 I/O 256FBGA**XCV150-5BG352I**AMD  
IC FPGA 260 I/O 352MBGA**XCV150-5BG352C**AMD  
IC FPGA 260 I/O 352MBGA**XCV100E-7BG352C**AMD  
IC FPGA 196 I/O 352MBGA**XCV150-4FG456C**AMD  
IC FPGA 260 I/O 456FBGA**XCV150-4FG256I**AMD  
IC FPGA 176 I/O 256FBGA**XCV100E-7PQ240C**AMD  
IC FPGA 158 I/O 240QFP**XCV100E-6PQG240C**AMD  
IC FPGA 158 I/O 240QFP**XCV100E-7FG256I**AMD  
IC FPGA 176 I/O 256FBGA**XCV150-4BG352I**AMD  
IC FPGA 260 I/O 352MBGA

## 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 Alleco 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@alleco.com

## Certifications & Memberships



[View More](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Alleco.com