

Image may be representation.
See specifications for product details.



XCV50-6FG256C

Manufacturer Part Number	XCV50-6FG256C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCV50-6FG256C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 176 I/O 256FBGA
Package	256-BGA
Data sheet	Virtex 2.5 V.pdf

Get a Quote

XCV50-6FG256C - AMD, New Original in Stock. Download Linear Technology XCV50-6FG256C datasheet/specifications on AllelcoElec.com.
Request a quote for XCV50-6FG256C, please send us email: info@allelco.com

Specifications

XCV50-6FG256C Tech Specifications
XCV50-6FG256C - 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	1728
Total RAM Bits	32768	Number of LABs/CLBs	384
Supplier Device Package	256-FBGA (17x17)	Number of I/O	176
Series	Virtex®	Number of Gates	57906
Package / Case	256-BGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCV50

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCV50-6FG256C

Product Attribute				
Part Number	XCV50-6FG256C	XCV50-6BG256C	XCV50-6TQ144C	XCV50-5TQ144C
Manufacturer	AMD	AMD	AMD	AMD
Number of LABs/CLBs	384	384	384	384
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Number of I/O	176	180	98	98
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of Gates	57906	57906	57906	57906
Supplier Device Package	256-FBGA (17x17)	256-PBGA (27x27)	144-TQFP (20x20)	144-TQFP (20x20)
Base Product Number	XCV50	XCV50	XCV50	XCV50
Series	Virtex®	Virtex®	Virtex®	Virtex®
Total RAM Bits	32768	32768	32768	32768
Package / Case	256-BGA	256-BBGA	144-LQFP	144-LQFP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	1728	1728	1728	1728

XCV50-6FG256C Datasheet PDF

Download XCV50-6FG256C pdf datasheets and AMD documentation for XCV50-6FG256C - AMD.

Datasheets

[Virtex 2.5 V.pdf](#)

Environmental Information

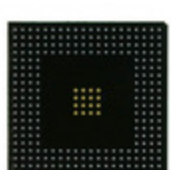
[Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

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

Customers Also Interested in

Recommended Products



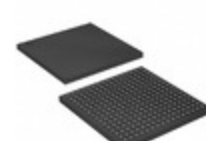
XCV50-6BG256C
AMD
IC FPGA 180 I/O 256BGA



XCV50-6TQ144C
AMD
IC FPGA 98 I/O 144TQFP



XCV50-5TQ144C
AMD
IC FPGA 98 I/O 144TQFP



XCV50-5FG256I
AMD
IC FPGA 176 I/O 256FBGA



XCV500-4FG456C
AMD Xilinx



XCV50-6PQG240C
AMD Xilinx



XCV50E-6CS144C
AMD
IC FPGA 94 I/O 144CSBGA



XCV50-5TQG144C
AMD Xilinx



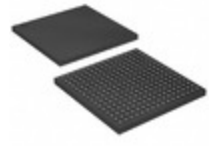
XCV50-5PQ240C
AMD
IC FPGA 166 I/O 240QFP



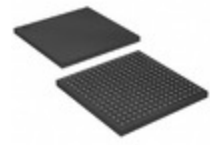
XCV50-6PQ240C
AMD
IC FPGA 166 I/O 240QFP



XCV50-5PQ240I
AMD
IC FPGA 166 I/O 240QFP



XCV50-5FG256C
AMD
IC FPGA 176 I/O 256FBGA



XCV50E-6FG256C
AMD
IC FPGA 176 I/O 256FBGA



XCV50-5FGG256I
AMD Xilinx



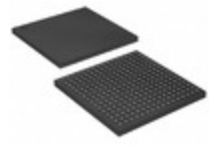
XCV500-4FG456I
AMD Xilinx



XCV50-6FG256I
AMD Xilinx



XCV50-6TQG144C
AMD Xilinx



XCV50E-6FG256I
AMD
IC FPGA 176 I/O 256FBGA

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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Certifications & Memberships



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