

Image may be representation.
See specifications for product details.



XCV100E-7FG256C

Manufacturer Part Number **XCV100E-7FG256C**

Manufacturer **AMD Xilinx**

Allelco Part Number **32D-XCV100E-7FG256C**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 176 I/O 256FBGA**

Package **256-BGA**

Data sheet **Virtex-E 1.8V.pdf**

Get a Quote

XCV100E-7FG256C - AMD, New Original in Stock. Download Linear Technology XCV100E-7FG256C datasheet/specifications on AllelcoElec.com.

Request a quote for XCV100E-7FG256C, please send us email: info@allelco.com

Specifications

XCV100E-7FG256C Tech Specifications

XCV100E-7FG256C - 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	1.71V ~ 1.89V	Number of Logic Elements/Cells	2700
Total RAM Bits	81920	Number of LABs/CLBs	600
Supplier Device Package	256-FBGA (17x17)	Number of I/O	176
Series	Virtex®-E	Number of Gates	128236
Package / Case	256-BGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCV100E

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCV100E-7FG256C

Product Attribute				
Part Number	XCV100E-7FG256C	XCV100E-6FG256I	XCV150-4FG456C	XCV100E-6FG256C
Manufacturer	AMD	AMD	AMD	AMD
Voltage - Supply	1.71V ~ 1.89V	1.71V ~ 1.89V	2.375V ~ 2.625V	1.71V ~ 1.89V
Total RAM Bits	81920	81920	49152	81920
Supplier Device Package	256-FBGA (17x17)	256-FBGA (17x17)	456-FBGA (23x23)	256-FBGA (17x17)
Base Product Number	XCV100E	XCV100E	XCV150	XCV100E
Number of Logic Elements/Cells	2700	2700	3888	2700
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Number of I/O	176	176	260	176
Package / Case	256-BGA	256-BGA	456-BBGA	256-BGA
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	600	600	864	600
Number of Gates	128236	128236	164674	128236
Series	Virtex®-E	Virtex®-E	Virtex®	Virtex®-E

XCV100E-7FG256C Datasheet PDF

Download XCV100E-7FG256C pdf datasheets and AMD documentation for XCV100E-7FG256C - AMD.

Datasheets

[Virtex-E 1.8V.pdf](#)

Environmental Information

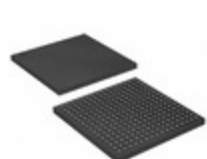
[Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

[Spartan, Virtex, XC17V00 24/Apr/2013.pdf](#)

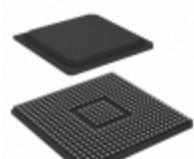
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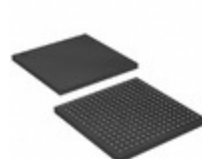
XCV100E-6FG256I

AMD
IC FPGA 176 I/O 256FBGA



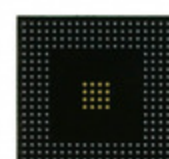
XCV150-4FG456C

AMD
IC FPGA 260 I/O 456FBGA



XCV100E-6FG256C

AMD
IC FPGA 176 I/O 256FBGA



XCV150-4BG256C

AMD
IC FPGA 180 I/O 256BGA



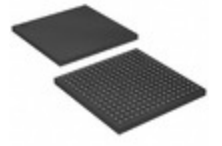
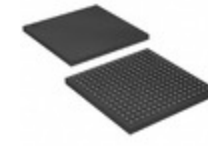
XCV100E-6PQG240C

AMD
IC FPGA 158 I/O 240QFP



XCV100E-6PQ240I

AMD
IC FPGA 158 I/O 240QFP



XCV1000EBG560-6C
AMD Xilinx

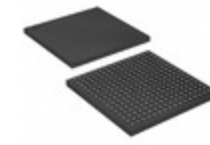
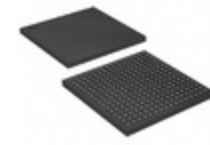
XCV100E-7BG352C
AMD
IC FPGA 196 I/O 352MBGA

XCV150-4BG352C
AMD
IC FPGA 260 I/O 352MBGA

XCV100E-6BG352C
AMD
IC FPGA 196 I/O 352MBGA

XCV150-4FG256I
AMD
IC FPGA 176 I/O 256FBGA

XCV150-4FG256C
AMD
IC FPGA 176 I/O 256FBGA



XCV100E-6PQ240C
AMD
IC FPGA 158 I/O 240QFP

XCV100E-4PQ240
AMD Xilinx

XCV100E-8FG256C
AMD
IC FPGA 176 I/O 256FBGA

XCV100E-7FG256I
AMD
IC FPGA 176 I/O 256FBGA

XCV150-4BG352I
AMD
IC FPGA 260 I/O 352MBGA

XCV100E-7PQ240C
AMD
IC FPGA 158 I/O 240QFP

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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 Email
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Certifications & Memberships



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