



XC4VFX12-10FF668I

Manufacturer Part Number **XC4VFX12-10FF668I**

Manufacturer **AMD Xilinx**

Allelco Part Number **32D-XC4VFX12-10FF668I**

ECAD Model  [Request Free CAD Models](#)

Parts Description **IC FPGA 320 I/O 668FCBGA**

Package **668-BBGA, FCBGA**

Data sheet **[Virtex-4 FPGA DC/Switching characteristics.pdf](#)**



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XC4VFX12-10FF668I - AMD.New Original in Stock. Download Linear Technology XC4VFX12-10FF668I datasheet/specifications on AllelcoElec.com.
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Specifications


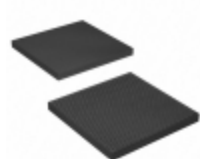


XC4VFX12-10FF668I Tech Specifications

XC4VFX12-10FF668I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.14V ~ 1.26V	Number of Logic Elements/Cells	12312
Total RAM Bits	663552	Number of LABs/CLBs	1368
Supplier Device Package	668-FCBGA (27x27)	Number of I/O	320
Series	Virtex®-4 FX	Mounting Type	Surface Mount
Package / Case	668-BBGA, FCBGA	Base Product Number	XC4VFX12
Package	Tray		

Parts with Similar Specifications


The three parts on the right have similar specifications to AMD XC4VFX12-10FF668I

Product Attribute				
Part Number	XC4VFX12-10FF668I	XC4VFX100-11FFG1517I	XC4VFX100-11FFG1152C	XC4VFX100-11FF1152I
Manufacturer	AMD	AMD	AMD	AMD
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Number of LABs/CLBs	1368	10544	10544	10544
Number of I/O	320	768	576	576
Series	Virtex®-4 FX	Virtex®-4 FX	Virtex®-4 FX	Virtex®-4 FX
Number of Logic Elements/Cells	12312	94896	94896	94896
Base Product Number	XC4VFX12	XC4VFX100	XC4VFX100	XC4VFX100
Supplier Device Package	668-FCBGA (27x27)	1517-FCBGA (40x40)	1152-FCBGA (35x35)	1152-FCBGA (35x35)
Package / Case	668-BBGA, FCBGA	1517-BBGA, FCBGA	1152-BBGA, FCBGA	1152-BBGA, FCBGA
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Package	Tray	Tray	Tray	Tray
Total RAM Bits	663552	6930432	6930432	6930432
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount


XC4VFX12-10FF668I Datasheet PDF

Download XC4VFX12-10FF668I pdf datasheets and AMD documentation for XC4VFX12-10FF668I - AMD.

Environmental Information

 [Xilinx REACH211 Cert.pdf](#)

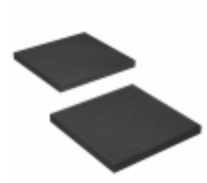
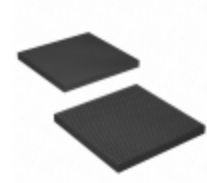
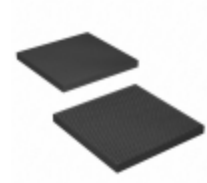
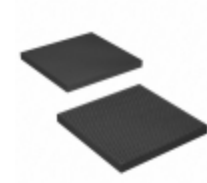
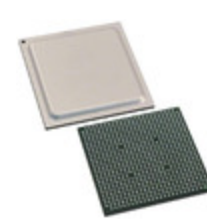
HTML Datasheet

 [Virtex-4 FPGA DC/Switching characteristics.pdf](#)

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Recommended Products

					
XC4VFX100-11FFG1517I	XC4VFX100-11FFG1152C	XC4VFX100-11FF1152I	XC4VFX12-10SF363C	XC4VFX100-11FFG1152I	XC4VFX12-11FFG668I
AMD IC FPGA 768 I/O 1517FCBGA	AMD IC FPGA 576 I/O 1152FCBGA	AMD IC FPGA 576 I/O 1152FCBGA	Xilinx Inc. IC FPGA 240 I/O 363FCBGA	AMD IC FPGA 576 I/O 1152FCBGA	AMD IC FPGA 320 I/O 668FCBGA
					
XC4VFX12-11SFG363I	XC4VFX100-12FF1152C	XC4VFX12-10SFG363I	XC4VFX100-11FF1517C	XC4VFX12-10FFG668I	XC4VFX140-10FF1517I
AMD	AMD Xilinx	AMD	AMD	AMD	AMD

**XC4VFX140-11FF1517C**Xilinx
IC FPGA 768 I/O 1517FCBGA**XC4VFX140-10FF1517C**AMD
IC FPGA 768 I/O 1517FCBGA**XC4VFX12-10SF363I**AMD
IC FPGA 240 I/O 363FCBGA**XC4VFX100-11FF1517I**AMD
IC FPGA 768 I/O 1517FCBGA**XC4VFX100-11FFG1517C**AMD
IC FPGA 768 I/O 1517FCBGA**XC4VFX12-10FFG668C**AMD
IC FPGA 320 I/O 668FCBGA

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.

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