



XC4VFX12-10SF363I

Manufacturer Part Number **XC4VFX12-10SF363I**

Manufacturer **AMD Xilinx**

Allelco Part Number **32D-XC4VFX12-10SF363I**

ECAD Model  Request Free CAD Models

Parts Description **IC FPGA 240 I/O 363FCBGA**

Package **363-FBGA, FCBGA**

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



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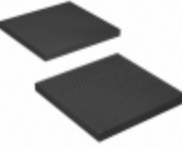
Specifications

XC4VFX12-10SF363I Tech Specifications
XC4VFX12-10SF363I - 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	363-FCBGA (17x17)	Number of I/O	240
Series	Virtex®-4 FX	Mounting Type	Surface Mount
Package / Case	363-FBGA, FCBGA	Base Product Number	XC4VFX12
Package	Tray		

Parts with Similar Specifications


The three parts on the right have similar specifications to AMD XC4VFX12-10SF363I

Product Attribute	 NO PICTURE			
Part Number	XC4VFX12-10SF363I	XC4VFX12-10SF363C	XC4VFX12-11FFG668I	XC4VFX140-10FF1517C
Manufacturer	AMD	Xilinx Inc.	AMD	AMD
Voltage - Supply	1.14V ~ 1.26V	-	1.14V ~ 1.26V	1.14V ~ 1.26V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	363-FBGA, FCBGA	-	668-BBGA, FCBGA	1517-BBGA, FCBGA
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	12312	1368	12312	142128
Total RAM Bits	663552	12312	663552	10174464
Number of I/O	240	-	320	768
Supplier Device Package	363-FCBGA (17x17)	-	668-FCBGA (27x27)	1517-FCBGA (40x40)
Series	Virtex®-4 FX	Virtex®-4 FX	Virtex®-4 FX	Virtex®-4 FX
Package	Tray	-	Tray	Bulk
Base Product Number	XC4VFX12	-	XC4VFX12	XC4VFX140
Number of LABs/CLBs	1368	-	1368	15792


XC4VFX12-10SF363I Datasheet PDF

Download XC4VFX12-10SF363I pdf datasheets and AMD documentation for XC4VFX12-10SF363I - AMD.

Environmental Information



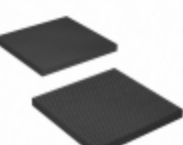



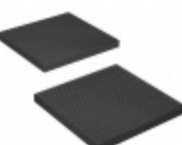


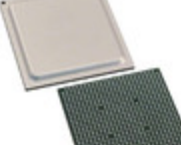
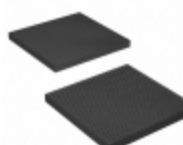

 [Xilinx REACH211 Cert.pdf](#)

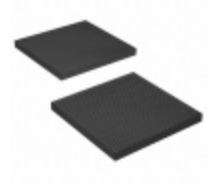
HTML Datasheet

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

Customers Also Interested in

Recommended Products

					
XC4VFX12-10SF363C	XC4VFX12-11FFG668I	XC4VFX140-10FF1517C	XC4VFX20-10FF672I	XC4VFX140-10FF1517I	XC4VFX100-12FFG1152C
Xilinx Inc. IC FPGA 240 I/O 363FCBGA	AMD IC FPGA 320 I/O 668FCBGA	AMD IC FPGA 768 I/O 1517FCBGA	AMD IC FPGA 320 I/O 672FCBGA	AMD IC FPGA 768 I/O 1517FCBGA	AMD Xilinx
					
XC4VFX100-11FFG1517I	XC4VFX12-11SFG363I	XC4VFX12-10SFG363I	XC4VFX12-10FFG668C	XC4VFX140-11FF1517C	XC4VFX100-12FF1152C
AMD	AMD	AMD	AMD	Xilinx	AMD Xilinx

**XC4VFX12-10FFG668I**AMD
IC FPGA 320 I/O 668FCBGA**XC4VFX20-10FF672C**AMD
IC FPGA 320 I/O 672FCBGA**XC4VFX100-12FF1517C**

AMD Xilinx

XC4VFX100-11FFG1152IAMD
IC FPGA 576 I/O 1152FCBGA**XC4VFX12-10FF668I**AMD
IC FPGA 320 I/O 668FCBGA**XC4VFX100-11FFG1517C**AMD
IC FPGA 768 I/O 1517FCBGA

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

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> 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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