



XC4VLX80-10FFG1148C

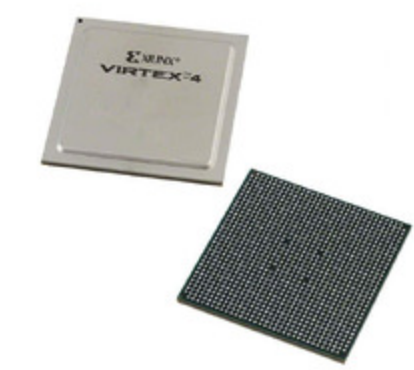


Image may be representation.
See specifications for product details.

Manufacturer Part Number	XC4VLX80-10FFG1148C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC4VLX80-10FFG1148C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 768 I/O 1148FCBGA
Package	1148-BBGA, FCBGA
Data sheet	Virtex-4 FPGA DC/Switching characteristics.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



XC4VLX80-10FFG1148C - AMD.New Original in Stock. Download Linear Technology XC4VLX80-10FFG1148C datasheet/specifications on AllelcoElec.com.
Request a quote for XC4VLX80-10FFG1148C, please send us email: info@allelco.com

Specifications

XC4VLX80-10FFG1148C Tech Specifications

XC4VLX80-10FFG1148C - 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	1.14V ~ 1.26V	Number of Logic Elements/Cells	80640
Total RAM Bits	3686400	Number of LABs/CLBs	8960
Supplier Device Package	1148-FCPBGA (35x35)	Number of I/O	768
Series	Virtex®-4 LX	Mounting Type	Surface Mount
Package / Case	1148-BBGA, FCBGA	Base Product Number	XC4VLX80
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC4VLX80-10FFG1148C

Product Attribute				
Part Number	XC4VLX80-10FFG1148C	XC4VLX80-11FF1148C	XC4VLX80-10FF1148I	XC4VLX60-12FF668C
Manufacturer	AMD	Xilinx	AMD	AMD
Supplier Device Package	1148-FCPBGA (35x35)	1148-FCPBGA (35x35)	1148-FCPBGA (35x35)	668-FCBGA (27x27)
Voltage - Supply	1.14V ~ 1.26V	1.14 V ~ 1.26 V	1.14V ~ 1.26V	1.14V ~ 1.26V
Total RAM Bits	3686400	3686400	3686400	2949120
Number of I/O	768	768	768	448
Number of Logic Elements/Cells	80640	80640	80640	59904
Base Product Number	XC4VLX80	-	XC4VLX80	XC4VLX60
Series	Virtex®-4 LX	Virtex®-4 LX	Virtex®-4 LX	Virtex®-4 LX
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Package / Case	1148-BBGA, FCBGA	1148-BBGA, FCBGA	1148-BBGA, FCBGA	668-BBGA, FCBGA
Number of LABs/CLBs	8960	8960	8960	6656
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	-	Tray	Bulk

XC4VLX80-10FFG1148C Datasheet PDF

Download XC4VLX80-10FFG1148C pdf datasheets and AMD documentation for XC4VLX80-10FFG1148C - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

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

Customers Also Interested in

Recommended Products

XC4VLX80-11FF1148C	XC4VLX80-10FF1148I	XC4VLX60-12FF668C	XC4VLX60-12FFG668C	XC4VLX80-11FFG1148I	XC4VLX60-12FFG1148C
Xilinx IC FPGA 768 I/O 1148FCBGA	AMD IC FPGA 768 I/O 1148FCBGA	AMD IC FPGA 448 I/O 668FCBGA	Xilinx IC FPGA 448 I/O 668FCBGA	AMD IC FPGA 768 I/O 1148FCBGA	AMD IC FPGA 640 I/O 1148FCBGA

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XC4VLX80-10FF1148C

AMD
IC FPGA 768 I/O 1148FCBGA



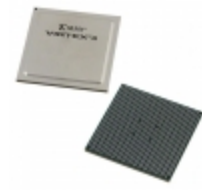
XC4VSX25-10FF668C

AMD
IC FPGA 320 I/O 668FCBGA



XC4VLX60-11FFG1148C

AMD
IC FPGA 640 I/O 1148FCBGA



XC4VLX60-11FFG668C

AMD
IC FPGA 448 I/O 668FCBGA



XC4VLX80-10FFG1148I

AMD
IC FPGA 768 I/O 1148FCBGA



XC4VLX80-11FF1148I

AMD
IC FPGA 768 I/O 1148FCBGA



XC4VLX80-11FFG1148C

Xilinx
IC FPGA 768 I/O 1148FCBGA

XC4VSX25-10FF668I

AMD
IC FPGA 320 I/O 668FCBGA

XC4VLX60-12FF1148C

Xilinx
IC FPGA 640 I/O 1148FCBGA

XC4VLX80-12FF1148C

AMD
IC FPGA 768 I/O 1148FCBGA

XC4VLX60-11FFG668I

AMD
IC FPGA 448 I/O 668FCBGA

XC4VLX80-12FFG1148C

AMD
IC FPGA 768 I/O 1148FCBGA

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.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



View More



ALLELCO LIMITED
WWW.ALLELCOELEC.COM

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@Allelco.com

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