



XC4VLX40-11FFG668C

Manufacturer Part Number	XC4VLX40-11FFG668C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC4VLX40-11FFG668C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 448 I/O 668FCBGA
Package	668-BBGA, FCBGA
Data sheet	XC4VLX40-11FFG668C.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

XC4VLX40-11FFG668C - AMD.New Original in Stock. Download Linear Technology XC4VLX40-11FFG668C datasheet/specifications on AllelcoElec.com.
Request a quote for XC4VLX40-11FFG668C, please send us email: info@allelco.com

Specifications

XC4VLX40-11FFG668C Tech Specifications
XC4VLX40-11FFG668C - 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	41472
Total RAM Bits	1769472	Number of LABs/CLBs	4608
Supplier Device Package	668-FCBGA (27x27)	Number of I/O	448
Series	Virtex®-4 LX	Mounting Type	Surface Mount
Package / Case	668-BBGA, FCBGA	Base Product Number	XC4VLX40
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC4VLX40-11FFG668C

Product Attribute				
Part Number	XC4VLX40-11FFG668C	XC4VLX40-10FFG1148I	XC4VLX60-10FF1148C	XC4VLX40-11FFG1148C
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XC4VLX40	XC4VLX40	XC4VLX60	XC4VLX40
Total RAM Bits	1769472	1769472	2949120	1769472
Series	Virtex®-4 LX	Virtex®-4 LX	Virtex®-4 LX	Virtex®-4 LX
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package / Case	668-BBGA, FCBGA	1148-BBGA, FCBGA	1148-BBGA, FCBGA	1148-BBGA, FCBGA
Supplier Device Package	668-FCBGA (27x27)	1148-FCPBGA (35x35)	1148-FCPBGA (35x35)	1148-FCPBGA (35x35)
Number of I/O	448	640	640	640
Number of Logic Elements/Cells	41472	41472	59904	41472
Number of LABs/CLBs	4608	4608	6656	4608
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Package	Tray	Tray	Bulk	Tray

XC4VLX40-11FFG668C Datasheet PDF

Download XC4VLX40-11FFG668C pdf datasheets and AMD documentation for XC4VLX40-11FFG668C - AMD.

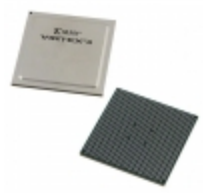
Environmental Information

[Xilinx REACH211 Cert.pdf](#)

Customers Also Interested in

Recommended Products

XC4VLX40-10FFG1148I	XC4VLX60-10FF1148C	XC4VLX40-11FFG1148C	XC4VLX40-10FF668C	XC4VLX60-10FF668I	XC4VLX40-11FF668I
AMD IC FPGA 640 I/O 1148FCBGA	AMD IC FPGA 640 I/O 1148FCBGA	AMD IC FPGA 640 I/O 1148FCBGA	AMD IC FPGA 448 I/O 668FCBGA	AMD IC FPGA 448 I/O 668FCBGA	AMD IC FPGA 448 I/O 668FCBGA
XC4VLX40-10FFG668C	XC4VLX40-11FF1148I	XC4VLX40-12FFG1148C	XC4VLX40-11FFG668I	XC4VLX60-10FF1148C ES	XC4VLX40-10FFG668I
AMD IC FPGA 448 I/O 668FCBGA	AMD IC FPGA 640 I/O 1148FCBGA	AMD IC FPGA 640 I/O 1148FCBGA	AMD IC FPGA 448 I/O 668FCBGA	AMD Xilinx	AMD IC FPGA 448 I/O 668FCBGA



XC4VLX40-11FF1148C

Xilinx
IC FPGA 640 I/O 1148FCBGA

XC4VLX60-10FF668C

AMD
IC FPGA 448 I/O 668FCBGA

XC4VLX60-10FFG1148C

AMD
IC FPGA 640 I/O 1148FCBGA

XC4VLX40-10FF668I

AMD
IC FPGA 448 I/O 668FCBGA

XC4VLX40-10FFG1148C

AMD
IC FPGA 640 I/O 1148FCBGA

XC4VLX60-10FF1148I

AMD
IC FPGA 640 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.

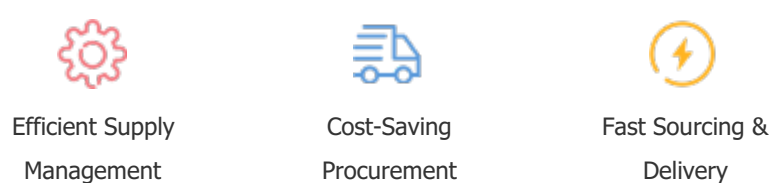
Payment Support

The payment method can be chosen from the methods shown below:

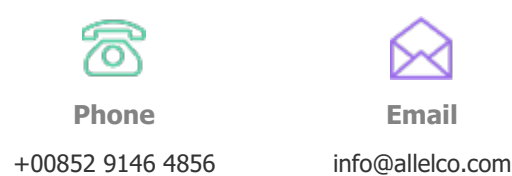
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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