



## XC4VLX80-10FFG1148I

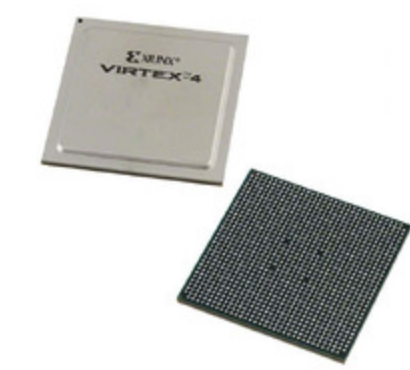


Image may be representation.  
See specifications for product details.

Manufacturer Part Number	<b>XC4VLX80-10FFG1148I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC4VLX80-10FFG1148I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 768 I/O 1148FCBGA
Package	1148-BBGA, FCBGA
Data sheet	XC4VLX80-10FFG1148I.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**



XC4VLX80-10FFG1148I - AMD.New Original in Stock. Download Linear Technology XC4VLX80-10FFG1148I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC4VLX80-10FFG1148I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC4VLX80-10FFG1148I Tech Specifications

XC4VLX80-10FFG1148I - 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	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

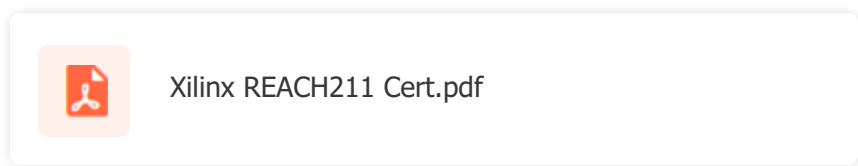
The three parts on the right have similar specifications to AMD XC4VLX80-10FFG1148I

Product Attribute				
Part Number	XC4VLX80-10FFG1148I	XC4VLX80-10FFG1148C	XC4VLX80-12FFG1148C	XC4VSX25-10FF668C
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	-	1.14V ~ 1.26V
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-	0°C ~ 85°C (TJ)
Number of LABs/CLBs	8960	8960	-	2560
Package	Tray	Tray	-	Bulk
Number of I/O	768	768	-	320
Supplier Device Package	1148-FCPBGA (35x35)	1148-FCPBGA (35x35)	-	668-FCBGA (27x27)
Series	Virtex®-4 LX	Virtex®-4 LX	-	Virtex®-4 SX
Package / Case	1148-BBGA, FCBGA	1148-BBGA, FCBGA	-	668-BBGA, FCBGA
Total RAM Bits	3686400	3686400	-	2359296
Number of Logic Elements/Cells	80640	80640	-	23040
Base Product Number	XC4VLX80	XC4VLX80	-	XC4VSX25

### XC4VLX80-10FFG1148I Datasheet PDF

Download XC4VLX80-10FFG1148I pdf datasheets and AMD documentation for XC4VLX80-10FFG1148I - AMD.

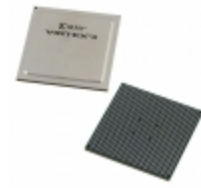
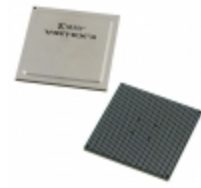
### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC4VLX80-10FFG1148C</b>	<b>XC4VLX80-12FFG1148C</b>	<b>XC4VSX25-10FF668C</b>	<b>XC4VLX80-11FF1148I</b>	<b>XC4VLX80-10FF1148I</b>	<b>XC4VLX80-12FF1148C</b>
AMD IC FPGA 768 I/O 1148FCBGA	AMD IC FPGA 768 I/O 1148FCBGA	AMD IC FPGA 320 I/O 668FCBGA	AMD IC FPGA 768 I/O 1148FCBGA	AMD IC FPGA 768 I/O 1148FCBGA	AMD IC FPGA 768 I/O 1148FCBGA
<b>XC4VSX25-10FF668I</b>	<b>XC4VLX80-11FF1148C</b>	<b>XC4VLX80-10FF1148C</b>	<b>XC4VLX60-12FFG668C</b>	<b>XC4VLX60-11FFG668C</b>	<b>XC4VLX60-11FFG668I</b>
AMD IC FPGA 320 I/O 668FCBGA	Xilinx IC FPGA 768 I/O 1148FCBGA	AMD IC FPGA 768 I/O 1148FCBGA	Xilinx IC FPGA 448 I/O 668FCBGA	AMD IC FPGA 448 I/O 668FCBGA	AMD IC FPGA 448 I/O 668FCBGA



### XC4VLX60-12FF668C

AMD  
IC FPGA 448 I/O 668FCBGA

### XC4VLX60-12FF1148C

Xilinx  
IC FPGA 640 I/O 1148FCBGA

### XC4VLX80-11FFG1148I

AMD  
IC FPGA 768 I/O 1148FCBGA

### XC4VLX80-11FFG1148C

Xilinx  
IC FPGA 768 I/O 1148FCBGA

### XC4VSX25-10FFG668C

AMD  
IC FPGA 320 I/O 668FCBGA

### XC4VLX60-12FFG1148C

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 -

- 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



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