



## XC4VLX40-10FF1148I

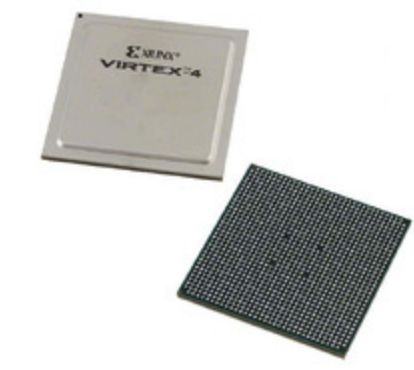


Image may be representation.  
See specifications for product details.

Manufacturer Part Number	<b>XC4VLX40-10FF1148I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC4VLX40-10FF1148I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 640 I/O 1148FCBGA
Package	1148-BBGA, FCBGA
Data sheet	XC4VLX40-10FF1148I.pdf

**Get a Quote**

XC4VLX40-10FF1148I - AMD.New Original in Stock. Download Linear Technology XC4VLX40-10FF1148I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC4VLX40-10FF1148I, please send us email: [info@allelco.com](mailto:info@allelco.com)



### Specifications

XC4VLX40-10FF1148I Tech Specifications  
XC4VLX40-10FF1148I - 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	41472
Total RAM Bits	1769472	Number of LABs/CLBs	4608
Supplier Device Package	1148-FCPBGA (35x35)	Number of I/O	640
Series	Virtex®-4 LX	Mounting Type	Surface Mount
Package / Case	1148-BBGA, FCBGA	Base Product Number	XC4VLX40
Package	Tray		

### Parts with Similar Specifications

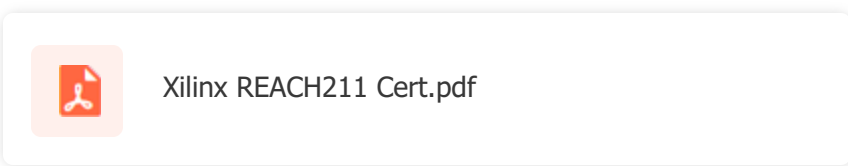
The three parts on the right have similar specifications to AMD XC4VLX40-10FF1148I

Product Attribute				
Part Number	XC4VLX40-10FF1148I	<b>XC4VLX40-11FF668I</b>	<b>XC4VLX25-11FFG676C</b>	<b>XC4VLX40-11FF1148I</b>
Manufacturer	AMD	AMD	AMD	AMD
Total RAM Bits	1769472	1769472	1327104	1769472
Supplier Device Package	1148-FCPBGA (35x35)	668-FCBGA (27x27)	676-FCBGA (27x27)	1148-FCPBGA (35x35)
Number of LABs/CLBs	4608	4608	2688	4608
Package	Tray	Tray	Tray	Tray
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Virtex®-4 LX	Virtex®-4 LX	Virtex®-4 LX	Virtex®-4 LX
Package / Case	1148-BBGA, FCBGA	668-BBGA, FCBGA	676-BBGA, FCBGA	1148-BBGA, FCBGA
Number of I/O	640	448	448	640
Number of Logic Elements/Cells	41472	41472	24192	41472
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Base Product Number	XC4VLX40	XC4VLX40	XC4VLX25	XC4VLX40

### XC4VLX40-10FF1148I Datasheet PDF

Download XC4VLX40-10FF1148I pdf datasheets and AMD documentation for XC4VLX40-10FF1148I - AMD.

### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC4VLX40-11FF668I</b>	<b>XC4VLX25-11FFG676C</b>	<b>XC4VLX40-11FF1148I</b>	<b>XC4VLX40-10FF668C</b>	<b>XC4VLX40-10FFG668I</b>	<b>XC4VLX25-11FFG668C</b>	
AMD IC FPGA 448 I/O 668FCBGA	AMD IC FPGA 448 I/O 676FCBGA	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	
<b>XC4VLX40-11FFG1148C</b>	<b>XC4VLX40-10FFG668C</b>	<b>XC4VLX40-10FFG1148I</b>	<b>XC4VLX25-12FFG668C</b>	<b>XC4VLX40-10FF1148C</b>	<b>XC4VLX25-11FFG668I</b>	
AMD IC FPGA 640 I/O 1148FCBGA	AMD IC FPGA 448 I/O 668FCBGA	AMD IC FPGA 640 I/O 1148FCBGA	AMD IC FPGA 448 I/O 668FCBGA	AMD IC FPGA 640 I/O 1148FCBGA	AMD IC FPGA 448 I/O 668FCBGA	



**XC4VLX25-11FF668I**  
AMD  
IC FPGA 448 I/O 668FCBGA



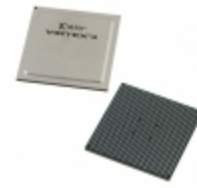
**XC4VLX40-10FFG1148C**  
AMD  
IC FPGA 640 I/O 1148FCBGA



**XC4VLX40-10FF668I**  
AMD  
IC FPGA 448 I/O 668FCBGA



**XC4VLX25-11FF668C**  
AMD  
IC FPGA 448 I/O 668FCBGA



**XC4VLX25-11SFG363I**  
AMD  
IC FPGA 240 I/O 363FCBGA

**XC4VLX40-11FF1148C**  
Xilinx  
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

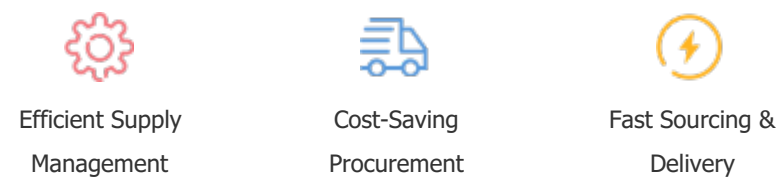
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

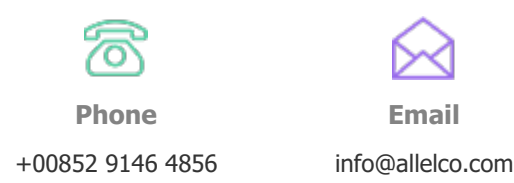
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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### Certifications & Memberships



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