

Image may be representation.  
See specifications for product details.



## XC5VLX110-1FFG676I

Manufacturer Part Number	<b>XC5VLX110-1FFG676I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC5VLX110-1FFG676I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 440 I/O 676FCBGA
Package	676-BBGA, FCBGA
Data sheet	XC5VLX110-1FFG676I.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC5VLX110-1FFG676I - AMD.New Original in Stock. Download Linear Technology XC5VLX110-1FFG676I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC5VLX110-1FFG676I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC5VLX110-1FFG676I Tech Specifications

XC5VLX110-1FFG676I - 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	0.95V ~ 1.05V	Number of Logic Elements/Cells	110592
Total RAM Bits	4718592	Number of LABs/CLBs	8640
Supplier Device Package	676-FCBGA (27x27)	Number of I/O	440
Series	Virtex®-5 LX	Mounting Type	Surface Mount
Package / Case	676-BBGA, FCBGA	Base Product Number	XC5VLX110
Package	Tray		

### Parts with Similar Specifications

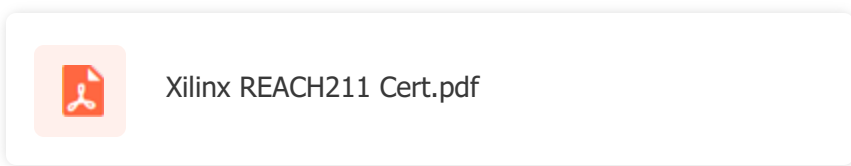
The three parts on the right have similar specifications to AMD XC5VLX110-1FFG676I

Product Attribute				
Part Number	XC5VLX110-1FFG676I	<b>XC5VFX70T-2FFG665C</b>	<b>XC5VLX110-1FFG676C</b>	<b>XC5VLX110-1FFG676C</b>
Manufacturer	AMD	AMD	AMD	AMD
Supplier Device Package	676-FCBGA (27x27)	665-FCBGA (27x27)	676-FCBGA (27x27)	676-FCBGA (27x27)
Number of Logic Elements/Cells	110592	71680	110592	110592
Base Product Number	XC5VLX110	XC5VFX70	XC5VLX110	XC5VLX110
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Series	Virtex®-5 LX	Virtex®-5 FXT	Virtex®-5 LX	Virtex®-5 LX
Total RAM Bits	4718592	5455872	4718592	4718592
Package / Case	676-BBGA, FCBGA	665-BBGA, FCBGA	676-BBGA, FCBGA	676-BBGA, FCBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Number of I/O	440	360	440	440
Number of LABs/CLBs	8640	5600	8640	8640

### XC5VLX110-1FFG676I Datasheet PDF

Download XC5VLX110-1FFG676I pdf datasheets and AMD documentation for XC5VLX110-1FFG676I - AMD.

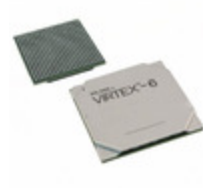
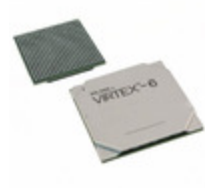
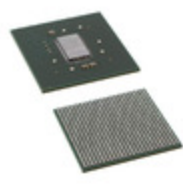
### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC5VFX70T-2FFG665C</b>	<b>XC5VLX110-1FFG676C</b>	<b>XC5VLX110-1FFG676C</b>	<b>XC5VFX70T-2FFG1136I</b>	<b>XC5VLX110-1FF1153C</b>	<b>XC5VLX110-1FFG1760I</b>
AMD IC FPGA 360 I/O 665FCBGA	AMD IC FPGA 440 I/O 676FCBGA	AMD IC FPGA 440 I/O 676FCBGA	AMD IC FPGA 640 I/O 1136FCBGA	AMD IC FPGA 800 I/O 1153FCBGA	AMD IC FPGA 800 I/O 1760FCBGA
<b>XC5VFX70T-2FFG665I</b>	<b>XC5VLX110-2FFG1760I</b>	<b>XC5VLX110-1FFG1153I</b>	<b>XC5VLX110-2FF1760I</b>	<b>XC5VLX110-2FFG676C</b>	<b>XC5VLX110-2FF1153I</b>
AMD IC FPGA 360 I/O 665FCBGA	Xilinx IC FPGA 800 I/O 1760FBGA	AMD IC FPGA 800 I/O 1153FCBGA	AMD IC FPGA 800 I/O 1760FCBGA	Xilinx IC FPGA 440 I/O 676FCBGA	AMD IC FPGA 800 I/O 1153FCBGA



**XC5VLX110-2FFG1153I**

AMD  
IC FPGA 800 I/O 1153FCBGA

**XC5VLX110-1FFG1153C**

AMD  
IC FPGA 800 I/O 1153FCBGA

**XC5VLX110-2FFG676I**

AMD  
IC FPGA 440 I/O 676FCBGA

**XC5VLX110-2FFG1760C**

AMD  
IC FPGA 800 I/O 1760FCBGA

**XC5VLX110-2FFG1153C**

AMD  
IC FPGA 800 I/O 1153FCBGA

**XC5VLX110-1FFG1760C**

AMD  
IC FPGA 800 I/O 1760FCBGA

## 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.

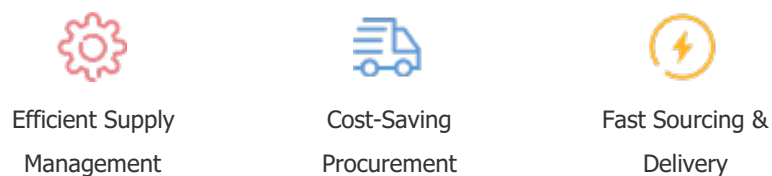
### Payment Support

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

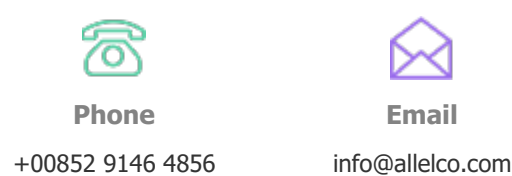
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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### Contact us

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