



## XC5VLX50T-1FF1136C



Image may be representation.  
See specifications for product details.



Manufacturer Part Number	<b>XC5VLX50T-1FF1136C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC5VLX50T-1FF1136C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 480 I/O 1136FCBGA
Package	1136-BBGA, FCBGA
Data sheet	XC5VLX50T-1FF1136C.pdf

**Get a Quote**

XC5VLX50T-1FF1136C - AMD.New Original in Stock. Download Linear Technology XC5VLX50T-1FF1136C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC5VLX50T-1FF1136C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC5VLX50T-1FF1136C Tech Specifications  
XC5VLX50T-1FF1136C - 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	0.95V ~ 1.05V	Number of Logic Elements/Cells	46080
Total RAM Bits	2211840	Number of LABs/CLBs	3600
Supplier Device Package	1136-FCBGA (35x35)	Number of I/O	480
Series	Virtex®-5 LXT	Mounting Type	Surface Mount
Package / Case	1136-BBGA, FCBGA	Base Product Number	XC5VLX50
Package	Tray		

### Parts with Similar Specifications

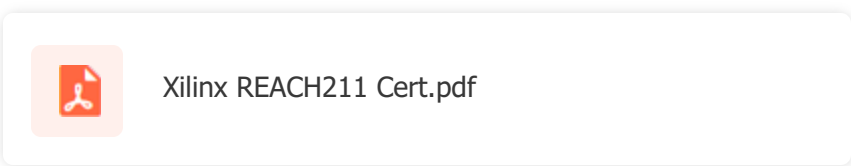
The three parts on the right have similar specifications to AMD XC5VLX50T-1FF1136C

Product Attribute				
Part Number	XC5VLX50T-1FF1136C	<a href="#">XC5VLX50T-1FFG665I</a>	<a href="#">XC5VLX50-3FFG676C</a>	<a href="#">XC5VLX50T-1FF665I</a>
Manufacturer	AMD	AMD	AMD	AMD
Base Product Number	XC5VLX50	XC5VLX50	XC5VLX50	XC5VLX50
Number of I/O	480	360	440	360
Package / Case	1136-BBGA, FCBGA	665-BBGA, FCBGA	676-BBGA, FCBGA	665-BBGA, FCBGA
Series	Virtex®-5 LXT	Virtex®-5 LXT	Virtex®-5 LX	Virtex®-5 LXT
Supplier Device Package	1136-FCBGA (35x35)	665-FCBGA (27x27)	676-FCBGA (27x27)	665-FCBGA (27x27)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	2211840	2211840	1769472	2211840
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Number of LABs/CLBs	3600	3600	3600	3600
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	46080	46080	46080	46080
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)

### XC5VLX50T-1FF1136C Datasheet PDF

Download XC5VLX50T-1FF1136C pdf datasheets and AMD documentation for XC5VLX50T-1FF1136C - AMD.

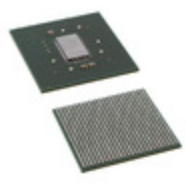
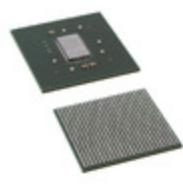
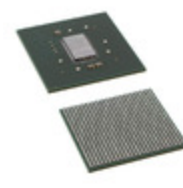
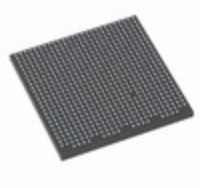
### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC5VLX50T-1FFG665I</b>	<b>XC5VLX50-3FFG676C</b>	<b>XC5VLX50T-1FF665I</b>	<b>XC5VLX50-2FF676C</b>	<b>XC5VLX50-2FF676I</b>	<b>XC5VLX50T-2FF1136C</b>
AMD IC FPGA 360 I/O 665FCBGA	AMD IC FPGA 440 I/O 676FCBGA	AMD IC FPGA 360 I/O 665FCBGA	AMD IC FPGA 440 I/O 676FCBGA	AMD IC FPGA 440 I/O 676FCBGA	AMD IC FPGA 480 I/O 1136FCBGA
<b>XC5VLX50-2FFG676I</b>	<b>XC5VLX50T-1FF665C</b>	<b>XC5VLX50-2FFG324I</b>	<b>XC5VLX50-2FFG1153C</b>	<b>XC5VLX50T-1FFG1136I</b>	<b>XC5VLX50-2FFG324C</b>
AMD IC FPGA 440 I/O 676FCBGA	AMD IC FPGA 360 I/O 665FCBGA	AMD IC FPGA 220 I/O 324FCBGA	AMD IC FPGA 560 I/O 1153FCBGA	AMD IC FPGA 480 I/O 1136FCBGA	AMD IC FPGA 220 I/O 324FCBGA

**XC5VLX50-1FFG676I**AMD  
IC FPGA 440 I/O 676FCBGA**XC5VLX50T-1FF1136I**AMD  
IC FPGA 480 I/O 1136FCBGA**XC5VLX50-2FFG676C**AMD  
IC FPGA 440 I/O 676FCBGA**XC5VLX50T-1FFG1136C**AMD  
IC FPGA 480 I/O 1136FCBGA**XC5VLX50-1FFG676C**AMD  
IC FPGA 440 I/O 676FCBGA**XC5VLX50T-1FFG665C**AMD  
IC FPGA 360 I/O 665FCBGA

## 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.

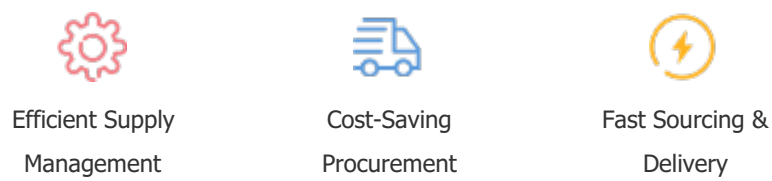
### Payment Support

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

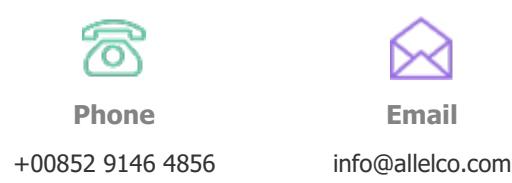
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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### Contact us

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