



Image may be representation.  
See specifications for product details.



## XC6VLX365T-1FFG1156I

Manufacturer Part Number	<b>XC6VLX365T-1FFG1156I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC6VLX365T-1FFG1156I
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 600 I/O 1156FCBGA
Package	1156-BBGA, FCBGA
Data sheet	<a href="#">Virtex-6 FPGA Datasheet.pdf</a> <a href="#">Virtex-6 FPGA Family Overview.pdf</a>
RoHs Status	Lead free / RoHS Compliant

**Get a Quote**

XC6VLX365T-1FFG1156I - Xilinx.New Original in Stock. Download Linear Technology XC6VLX365T-1FFG1156I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC6VLX365T-1FFG1156I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC6VLX365T-1FFG1156I Tech Specifications  
XC6VLX365T-1FFG1156I - Xilinx technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of LABs/CLBs	28440
Voltage - Supply	0.95 V ~ 1.05 V	Number of I/O	600
Total RAM Bits	15335424	Mounting Type	Surface Mount
Supplier Device Package	1156-FCBGA (35x35)	Moisture Sensitivity Level (MSL)	4 (72 Hours)
Series	Virtex®-6 LXT	Manufacturer Standard Lead Time	10 Weeks
Package / Case	1156-BBGA, FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Operating Temperature	-40°C ~ 100°C (TJ)	Base Part Number	XC6VLX365T
Number of Logic Elements/Cells	364032		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Xilinx XC6VLX365T-1FFG1156I

Product Attribute				
Part Number	XC6VLX365T-1FFG1156I	XC6VLX365T-1FFG1156I	XC6VLX365T-1FFG1156C	XC6VLX365T-1FFG1759C
Manufacturer	Xilinx	AMD	AMD	AMD
Total RAM Bits	15335424	15335424	15335424	15335424
Number of I/O	600	600	600	720
Supplier Device Package	1156-FCBGA (35x35)	1156-FCBGA (35x35)	1156-FCBGA (35x35)	1759-FCBGA (42.5x42.5)
Number of LABs/CLBs	28440	28440	28440	28440
Series	Virtex®-6 LXT	Virtex®-6 LXT	Virtex®-6 LXT	Virtex®-6 LXT
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	364032	364032	364032	364032
Manufacturer Standard Lead Time	10 Weeks	-	-	-
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	-	-	-
Package / Case	1156-BBGA, FCBGA	1156-BBGA, FCBGA	1156-BBGA, FCBGA	1759-BBGA, FCBGA
Voltage - Supply	0.95 V ~ 1.05 V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Base Part Number	XC6VLX365T	-	-	-
Moisture Sensitivity Level (MSL)	4 (72 Hours)	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### XC6VLX365T-1FFG1156I Datasheet PDF

Download XC6VLX365T-1FFG1156I pdf datasheets and Xilinx documentation for XC6VLX365T-1FFG1156I - Xilinx.

#### Datasheets

- [Virtex-6 FPGA Datasheet.pdf](#)
- [Virtex-6 FPGA Family Overview.pdf](#)

### Customers Also Interested in

#### Recommended Products

- XC6VLX365T-1FFG1156I**  
AMD  
IC FPGA 600 I/O 1156FCBGA
- XC6VLX365T-1FFG1156C**  
AMD  
IC FPGA 600 I/O 1156FCBGA
- XC6VLX240T-2FFG1759**  
AMD Xilinx
- XC6VLX365T-1FFG1759C**  
AMD  
IC FPGA 720 I/O 1759FCBGA
- XC6VLX365T-1FFG1759I**  
Xilinx  
IC FPGA 720 I/O 1759FCBGA
- XC6VLX240T-3FFG1156C**  
AMD  
IC FPGA 600 I/O 1156FCBGA



**XC6VLX365T-3FFG1156C**

AMD  
IC FPGA 600 I/O 1156FCBGA



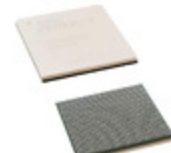
**XC6VLX365T-2FFG1759C**

AMD  
IC FPGA 720 I/O 1759FCBGA



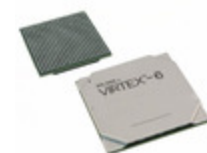
**XC6VLX365T-2FFG1759I**

AMD  
IC FPGA 720 I/O 1759FCBGA



**XC6VLX240T-2FFG1759I**

AMD  
IC FPGA 720 I/O 1759FCBGA

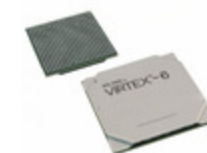


**XC6VLX365T-2FFG1156I**

AMD  
IC FPGA 600 I/O 1156FCBGA

**XC6VLX365T-2FF1759C**

AMD  
IC FPGA 720 I/O 1759FCBGA



**XC6VLX365T-1FF1156C**

Xilinx  
IC FPGA 600 I/O 1156FCBGA

**XC6VLX240T-2FFG784C**

AMD  
IC FPGA 400 I/O 784FCBGA

**XC6VLX365T-2FFG1156C**

AMD  
IC FPGA 600 I/O 1156FCBGA

**XC6VLX365T-2FF1156C**

Xilinx  
IC FPGA 600 I/O 1156FCBGA

**XC6VLX240T-2FFG1759C**

AMD  
IC FPGA 720 I/O 1759FCBGA

**XC6VLX365T-1FFG1759I**

AMD  
IC FPGA 720 I/O 1759FCBGA

## 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.



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info@allelco.com

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