



Image may be representation.  
See specifications for product details.



## XC6VSX475T-1FFG1156C

Manufacturer Part Number	<b>XC6VSX475T-1FFG1156C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC6VSX475T-1FFG1156C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 600 I/O 1156FCBGA
Package	1156-BBGA, FCBGA
Data sheet	XC6VSX475T-1FFG1156C.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC6VSX475T-1FFG1156C - AMD.New Original in Stock. Download Linear Technology XC6VSX475T-1FFG1156C datasheet/specifications on AllelcoElec.com. Request a quote for XC6VSX475T-1FFG1156C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC6VSX475T-1FFG1156C Tech Specifications  
XC6VSX475T-1FFG1156C - 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	476160
Total RAM Bits	39223296	Number of LABs/CLBs	37200
Supplier Device Package	1156-FCBGA (35x35)	Number of I/O	600
Series	Virtex®-6 SXT	Mounting Type	Surface Mount
Package / Case	1156-BBGA, FCBGA	Base Product Number	XC6VSX475
Package	Tray		

### Parts with Similar Specifications

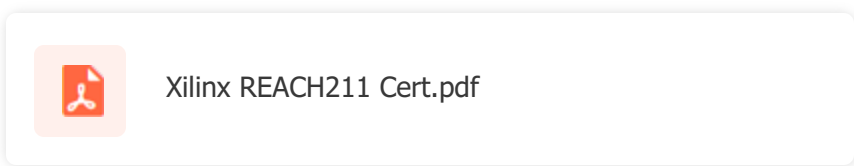
The three parts on the right have similar specifications to AMD XC6VSX475T-1FFG1156C

Product Attribute				
Part Number	XC6VSX475T-1FFG1156C	XC6VSX315T-2FFG1156C	XC6VSX315T-1FFG1759I	XC6VSX315T-1FF1156I
Manufacturer	AMD	AMD	Xilinx	AMD
Base Product Number	XC6VSX475	XC6VSX315	-	XC6VSX315
Number of Logic Elements/Cells	476160	314880	314880	314880
Supplier Device Package	1156-FCBGA (35x35)	1156-FCBGA (35x35)	1759-FCBGA (42.5x42.5)	1156-FCBGA (35x35)
Number of LABs/CLBs	37200	24600	24600	24600
Number of I/O	600	600	720	600
Series	Virtex®-6 SXT	Virtex®-6 SXT	Virtex®-6 SXT	Virtex®-6 SXT
Package	Tray	Tray	-	Tray
Total RAM Bits	39223296	25952256	25952256	25952256
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.91 V ~ 0.97 V	0.95V ~ 1.05V
Package / Case	1156-BBGA, FCBGA	1156-BBGA, FCBGA	1760-BBGA, FCBGA	1156-BBGA, FCBGA
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### XC6VSX475T-1FFG1156C Datasheet PDF

Download XC6VSX475T-1FFG1156C pdf datasheets and AMD documentation for XC6VSX475T-1FFG1156C - AMD.

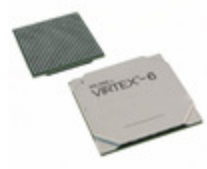
### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC6VSX475T-2FFG1759I</b> AMD Xilinx	<b>XC6VSX315T-2FFG1156C</b> AMD IC FPGA 600 I/O 1156FCBGA	<b>XC6VSX315T-1FFG1759I</b> Xilinx IC FPGA 720 I/O 1759FCBGA	<b>XC6VSX315T-1FF1156I</b> AMD IC FPGA 600 I/O 1156FCBGA	<b>XC6VSX315T-1FFG1156C</b> AMD IC FPGA 600 I/O 1156FCBGA	<b>XC6VSX475T-1FFG1759C</b> AMD IC FPGA 840 I/O 1759FCBGA
<b>XC6VSX475T-1FFG1156I</b> AMD IC FPGA 600 I/O 1156FCBGA	<b>XC6VSX315T-1FFG1156I</b> AMD IC FPGA 600 I/O 1156FCBGA	<b>XC6VSX315T-2FFG1759C</b> AMD IC FPGA 720 I/O 1759FCBGA	<b>XC6VSX475T-2FFG1759C</b> AMD IC FPGA 840 I/O 1759FCBGA	<b>XC6VSX315T-3FFG1759C</b> AMD IC FPGA 720 I/O 1759FCBGA	<b>XC6VSX475T-1FFG1759I</b> AMD IC FPGA 840 I/O 1759FCBGA



**XC6VSX315T-1FFG1759C**

AMD  
IC FPGA 720 I/O 1759FCBGA



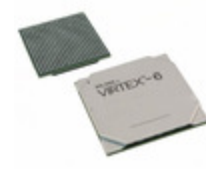
**XC6VSX315T-2FFG1156I**

AMD  
IC FPGA 600 I/O 1156FCBGA



**XC6VSX475T-2FFG1156C**

AMD  
IC FPGA 600 I/O 1156FCBGA



**XC6VSX315T-2FFG1759I**

AMD  
IC FPGA 720 I/O 1759FCBGA



**XC6VSX315T-3FFG1156C**

AMD  
IC FPGA 600 I/O 1156FCBGA



**XC6VSX315T-L1FFG1156I**

AMD  
IC FPGA 600 I/O 1156FCBGA

## 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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