

Image may be representation.  
See specifications for product details.



## XC6VSX315T-1FF1156I

Manufacturer Part Number	<b>XC6VSX315T-1FF1156I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC6VSX315T-1FF1156I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 600 I/O 1156FCBGA
Package	1156-BBGA, FCBGA
Data sheet	XC6VSX315T-1FF1156I.pdf

**Get a Quote**

XC6VSX315T-1FF1156I - AMD.New Original in Stock. Download Linear Technology XC6VSX315T-1FF1156I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC6VSX315T-1FF1156I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC6VSX315T-1FF1156I Tech Specifications  
XC6VSX315T-1FF1156I - 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	314880
Total RAM Bits	25952256	Number of LABs/CLBs	24600
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	XC6VSX315
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC6VSX315T-1FF1156I

Product Attribute				
Part Number	XC6VSX315T-1FF1156I	XC6VSX315T-3FFG1156C	XC6VSX315T-2FFG1156C	XC6VLX75T-3FFG484C
Manufacturer	AMD	AMD	AMD	AMD
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	24600	24600	24600	5820
Supplier Device Package	1156-FCBGA (35x35)	1156-FCBGA (35x35)	1156-FCBGA (35x35)	484-FBGA (23x23)
Base Product Number	XC6VSX315	XC6VSX315	XC6VSX315	XC6VLX75
Number of I/O	600	600	600	240
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Number of Logic Elements/Cells	314880	314880	314880	74496
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package / Case	1156-BBGA, FCBGA	1156-BBGA, FCBGA	1156-BBGA, FCBGA	484-BBGA
Total RAM Bits	25952256	25952256	25952256	5750784
Series	Virtex®-6 SXT	Virtex®-6 SXT	Virtex®-6 SXT	Virtex®-6 LXT

### XC6VSX315T-1FF1156I Datasheet PDF

Download XC6VSX315T-1FF1156I pdf datasheets and AMD documentation for XC6VSX315T-1FF1156I - AMD.

#### Environmental Information

Xilinx REACH211 Cert.pdf

#### PCN Design/Specification

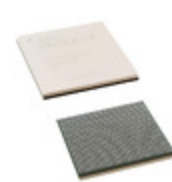
Mult Dev Material Chg 16/Dec/2019.pdf

### Customers Also Interested in

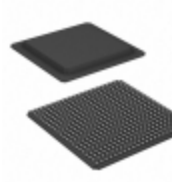
#### Recommended Products



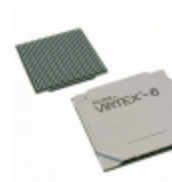
**XC6VSX315T-3FFG1156C**  
AMD  
IC FPGA 600 I/O 1156FCBGA



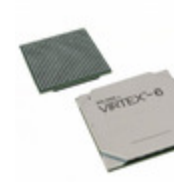
**XC6VSX315T-2FFG1156C**  
AMD  
IC FPGA 600 I/O 1156FCBGA



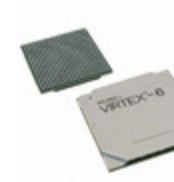
**XC6VLX75T-3FFG484C**  
AMD  
IC FPGA 240 I/O 484FBGA



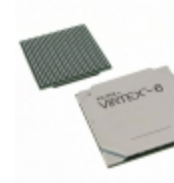
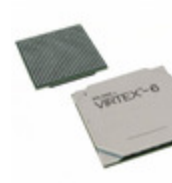
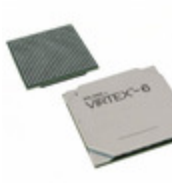
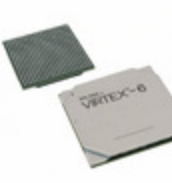
**XC6VLX760-2FFG1760E**  
Xilinx Inc.  
IC FPGA 1200 I/O 1760FBGA



**XC6VLX75T-3FFG784C**  
AMD  
IC FPGA 360 I/O 784FCBGA



**XC6VLX75T-2FFG784I**  
AMD  
IC FPGA 360 I/O 784FCBGA



<b>XC6VXSX315T-2FFG1156I</b> AMD IC FPGA 600 I/O 1156FCBGA	<b>XC6VXSX315T-2FFG1759I</b> AMD IC FPGA 720 I/O 1759FCBGA	<b>XC6VXSX315T-2FFG1759C</b> AMD IC FPGA 720 I/O 1759FCBGA	<b>XC6VLX75T-2FFG784C</b> AMD IC FPGA 360 I/O 784FCBGA	<b>XC6VLX760-1FFG1760I</b> Xilinx IC FPGA 1200 I/O 1760FBGA	<b>XC6VXSX315T-1FFG1156C</b> AMD IC FPGA 600 I/O 1156FCBGA
					
<b>XC6VXSX315T-3FFG1759C</b> AMD IC FPGA 720 I/O 1759FCBGA	<b>XC6VXSX315T-L1FFG1156I</b> AMD IC FPGA 600 I/O 1156FCBGA	<b>XC6VXSX315T-1FFG1759C</b> AMD IC FPGA 720 I/O 1759FCBGA	<b>XC6VLX760-2FFG1760C</b> AMD IC FPGA 1200 I/O 1760FCBGA	<b>XC6VLX760-1FFG1760C</b> Xilinx IC FPGA 1200 I/O 1760FBGA	<b>XC6VXSX315T-1FFG1156I</b> 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.

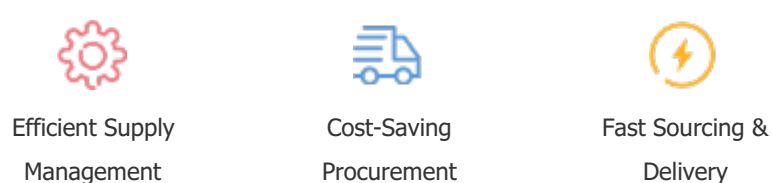
## Payment Support

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

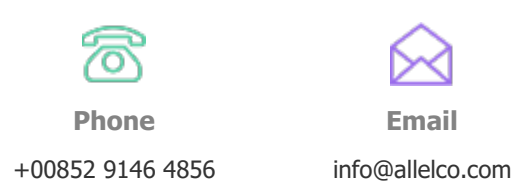
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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