

Image may be representation.  
See specifications for product details.



## XC7VX415T-1FFG1157I

Manufacturer Part Number	<b>XC7VX415T-1FFG1157I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC7VX415T-1FFG1157I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 600 I/O 1157FCBGA
Package	1156-BBGA, FCBGA
Data sheet	<b>Virtex-7 FPGAs Brief.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC7VX415T-1FFG1157I - AMD.New Original in Stock. Download Linear Technology XC7VX415T-1FFG1157I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC7VX415T-1FFG1157I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC7VX415T-1FFG1157I Tech Specifications  
XC7VX415T-1FFG1157I - 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	0.97V ~ 1.03V	Number of Logic Elements/Cells	412160
Total RAM Bits	32440320	Number of LABs/CLBs	32200
Supplier Device Package	1157-FCBGA (35x35)	Number of I/O	600
Series	Virtex®-7 XT	Mounting Type	Surface Mount
Package / Case	1156-BBGA, FCBGA	Base Product Number	XC7VX415
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7VX415T-1FFG1157I

Product Attribute				
Part Number	XC7VX415T-1FFG1157I	<b>XC7VX415T-1FFG1157C</b>	<b>XC7VX415T-L2FFG1158E</b>	XC7VX330T-2FFG1761I
Manufacturer	AMD	AMD	AMD	AMD
Total RAM Bits	32440320	-	-	27648000
Number of LABs/CLBs	32200	-	-	25500
Number of I/O	600	-	-	700
Base Product Number	XC7VX415	-	-	XC7VX330
Series	Virtex®-7 XT	-	-	Virtex®-7 XT
Mounting Type	Surface Mount	-	-	Surface Mount
Package	Tray	-	-	Tray
Operating Temperature	-40°C ~ 100°C (TJ)	-	-	-40°C ~ 100°C (TJ)
Voltage - Supply	0.97V ~ 1.03V	-	-	0.97V ~ 1.03V
Number of Logic Elements/Cells	412160	-	-	326400
Package / Case	1156-BBGA, FCBGA	-	-	1760-BBGA, FCBGA
Supplier Device Package	1157-FCBGA (35x35)	-	-	1761-FCBGA (42.5x42.5)

### XC7VX415T-1FFG1157I Datasheet PDF

Download XC7VX415T-1FFG1157I pdf datasheets and AMD documentation for XC7VX415T-1FFG1157I - AMD.

#### Datasheets

[Virtex-7 FPGAs Brief.pdf](#)

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### PCN Design/Specification

[Mult Dev Material Chg 16/Dec/2019.pdf](#)

[Product Marking Chg 31/Oct/2016.pdf](#)

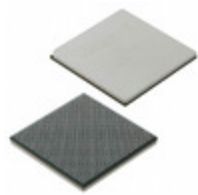
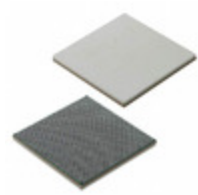
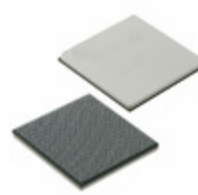
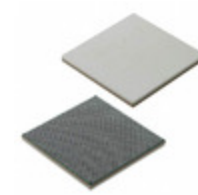
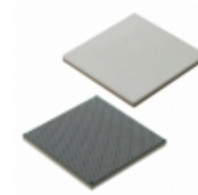
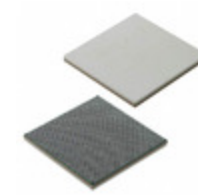
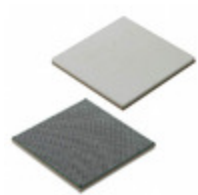
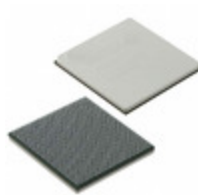
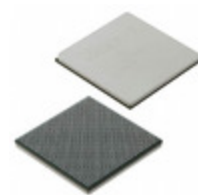
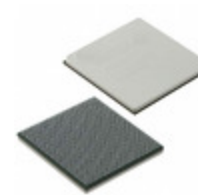
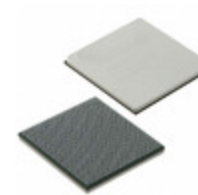
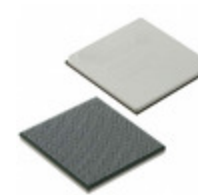
#### PCN Packaging

[Mult Devices 26/Jun/2017.pdf](#)

### Customers Also Interested in

#### Recommended Products



**XC7VX415T-1FFG1157C**AMD  
IC FPGA 600 I/O 1157FCBGA**XC7VX415T-L2FFG1158E**AMD  
IC FPGA 350 I/O 1158FCBGA**XC7VX330T-2FFG1761I**AMD  
IC FPGA 700 I/O 1761FCBGA**XC7VX415T-2FFG1157I**AMD  
IC FPGA 600 I/O 1157FCBGA**XC7VX415T-2FFV1158C**AMD  
IC FPGA 350 I/O 1158FCBGA**XC7VX415T-2FFG1158C**AMD  
IC FPGA 350 I/O 1158FCBGA**XC7VX415T-2FFG1158I**AMD  
IC FPGA 350 I/O 1158FCBGA**XC7VX330T-2FFG1761C**AMD  
IC FPGA 700 I/O 1761FCBGA**XC7VX415T-2FFG1157C**AMD  
IC FPGA 600 I/O 1157FCBGA**XC7VX330T-3FFG1761E**AMD  
IC FPGA 700 I/O 1761FCBGA**XC7VX330T-L2FFG1761E**Xilinx  
IC FPGA 700 I/O 1761FCBGA**XC7VX330T-2FFV1761C**AMD  
IC FPGA 700 I/O 1760FCBGA**XC7VX330T-1FFG1761I**AMD  
IC FPGA 700 I/O 1761FCBGA**XC7VX330T-3FFG1157E**AMD  
IC FPGA 600 I/O 1157FCBGA**XC7VX415T-1FFG1158I**AMD  
IC FPGA 350 I/O 1158FCBGA**XC7VX330T-2FFG1157C**AMD  
IC FPGA 600 I/O 1157FCBGA**XC7VX330T-2FFG1157I**AMD  
IC FPGA 600 I/O 1157FCBGA**XC7VX485T-1FFG1157C**AMD  
IC FPGA 600 I/O 1157FCBGA

## 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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## Certifications & Memberships



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