

Image may be representation.  
See specifications for product details.



## XC7V585T-1FFG1157C

Manufacturer Part Number	<b>XC7V585T-1FFG1157C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC7V585T-1FFG1157C
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**

XC7V585T-1FFG1157C - AMD.New Original in Stock. Download Linear Technology XC7V585T-1FFG1157C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC7V585T-1FFG1157C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC7V585T-1FFG1157C Tech Specifications  
XC7V585T-1FFG1157C - 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	0.97V ~ 1.03V	Number of Logic Elements/Cells	582720
Total RAM Bits	29306880	Number of LABs/CLBs	45525
Supplier Device Package	1157-FCBGA (35x35)	Number of I/O	600
Series	Virtex®-7 T	Mounting Type	Surface Mount
Package / Case	1156-BBGA, FCBGA	Base Product Number	XC7V585
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7V585T-1FFG1157C

Product Attribute				
Part Number	XC7V585T-1FFG1157C	<b>XC7V585T-2FFG1761C</b>	<b>XC7V2000T-L2FHG1761E</b>	<b>XC7V585T-2FFG1761I</b>
Manufacturer	AMD	AMD	AMD	AMD
Series	Virtex®-7 T	Virtex®-7 T	Virtex®-7 T	Virtex®-7 T
Number of Logic Elements/Cells	582720	582720	1954560	582720
Supplier Device Package	1157-FCBGA (35x35)	1761-FCBGA (42.5x42.5)	1761-FCBGA (45x45)	1761-FCBGA (42.5x42.5)
Base Product Number	XC7V585	XC7V585	XC7V2000	XC7V585
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	1156-BBGA, FCBGA	1760-BBGA, FCBGA	1760-BBGA, FCBGA	1760-BBGA, FCBGA
Number of LABs/CLBs	45525	45525	152700	45525
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Package	Tray	Tray	Tray	Tray
Total RAM Bits	29306880	29306880	47628288	29306880
Voltage - Supply	0.97V ~ 1.03V	0.97V ~ 1.03V	0.97V ~ 1.03V	0.97V ~ 1.03V
Number of I/O	600	850	850	850

### XC7V585T-1FFG1157C Datasheet PDF

Download XC7V585T-1FFG1157C pdf datasheets and AMD documentation for XC7V585T-1FFG1157C - AMD.

#### Datasheets

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

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### PCN Design/Specification

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

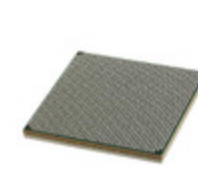
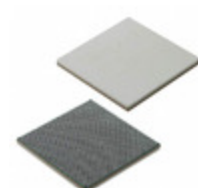
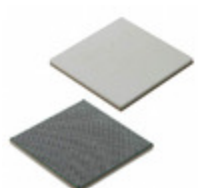
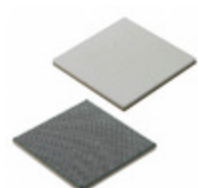
[Product Marking Chg 31/Oct/2016.pdf](#)

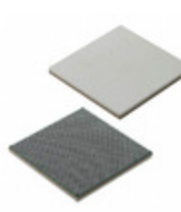
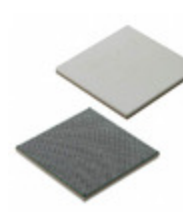

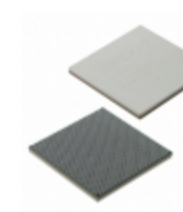

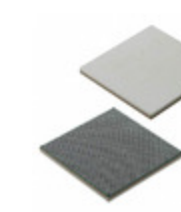


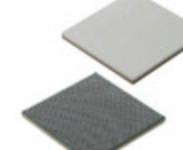
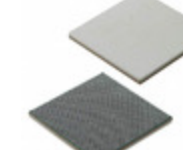
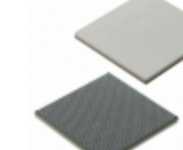







#### PCN Packaging

[2.73KHz.pdf](#)

### Customers Also Interested in

#### Recommended Products



<b>XC7V585T-1FF1761I</b> AMD Xilinx 	<b>XC7V585T-2FFG1761C</b> AMD IC FPGA 850 I/O 1761FCBGA 	<b>XC7V2000T-L2FHG1761E</b> AMD IC FPGA 850 I/O 1761FCBGA 	<b>XC7V585T-2FFG1761I</b> AMD IC FPGA 850 I/O 1761FCBGA 	<b>XC7V2000T-2FLG1925C</b> AMD IC FPGA 1200 I/O 1925FCBGA 	<b>XC7V2000T-L2FLG1925E</b> Xilinx Inc. IC FPGA 1200 I/O 1925FCBGA 
<b>XC7V585T-1FFG1761I</b> AMD IC FPGA 850 I/O 1761FCBGA 	<b>XC7V585T-1FF1761I</b> AMD IC FPGA 850 I/O 1761FCBGA 	<b>XC7V2000T-L2FHG1761E0879</b> AMD Xilinx 	<b>XC7V585T-L2FFG1761E</b> Xilinx Inc. IC FPGA 850 I/O 1761FCBGA 	<b>XC7V2000T-2FLG1925I</b> AMD Xilinx 	<b>XC7V585T-2FF1761I</b> AMD IC FPGA 850 I/O 1761FCBGA 
<b>XC7V2000T-2FLG1925E</b> AMD Xilinx 	<b>XC7VH580T-2FLG1931C</b> AMD IC FPGA 600 I/O 1931FCBGA 	<b>XC7V585T-1FFG1761C</b> AMD IC FPGA 850 I/O 1761FCBGA 	<b>XC7V585T-3FFG1761E</b> AMD IC FPGA 850 I/O 1761FCBGA 	<b>XC7V585T-2FF1761C</b> Xilinx IC FPGA 850 I/O 1761FCBGA 	<b>XC7V200T-1FLG1925C</b> AMD Xilinx 

## 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

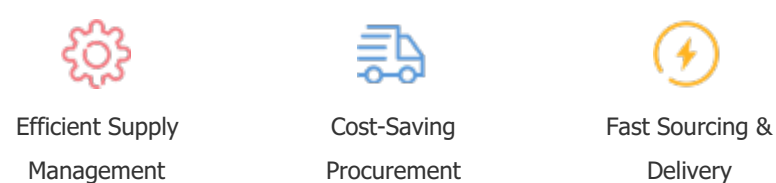
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

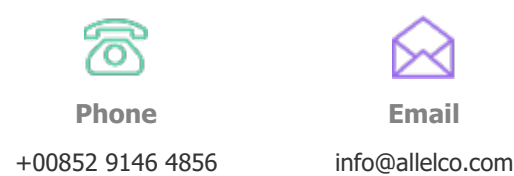
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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