

Image may be representation.  
See specifications for product details.



## XC7VX550T-3FFG1158E

Manufacturer Part Number **XC7VX550T-3FFG1158E**

Manufacturer **AMD Xilinx**

Allelco Part Number **32D-XC7VX550T-3FFG1158E**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 350 I/O 1158FCBGA**

Package **1156-BBGA, FCBGA**

Data sheet [Virtex-7 T/XT FPGA Datasheet.pdf](#)

[7 Series FPGA Overview.pdf](#)

RoHs Status **Lead free / RoHS Compliant**

**Get a Quote**

XC7VX550T-3FFG1158E - Xilinx.New Original in Stock. Download Linear Technology XC7VX550T-3FFG1158E datasheet/specifications on AllelcoElec.com.  
Request a quote for XC7VX550T-3FFG1158E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC7VX550T-3FFG1158E Tech Specifications

XC7VX550T-3FFG1158E - Xilinx technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of LABs/CLBs	43300
Voltage - Supply	0.97 V ~ 1.03 V	Number of I/O	350
Total RAM Bits	43499520	Mounting Type	Surface Mount
Supplier Device Package	1158-FCBGA (35x35)	Moisture Sensitivity Level (MSL)	4 (72 Hours)
Series	Virtex®-7 XT	Manufacturer Standard Lead Time	10 Weeks
Package / Case	1156-BBGA, FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Operating Temperature	0°C ~ 100°C (TJ)	Base Part Number	XC7VX550T
Number of Logic Elements/Cells	554240		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Xilinx XC7VX550T-3FFG1158E

Product Attribute				
Part Number	XC7VX550T-3FFG1158E	<a href="#">XC7VX485T-2FFG1927I</a>	<a href="#">XC7VX690T-1FFG1158C</a>	<a href="#">XC7VX690T-1FFG1157I</a>
Manufacturer	Xilinx	AMD	AMD	AMD
Series	Virtex®-7 XT	Virtex®-7 XT	Virtex®-7 XT	Virtex®-7 XT
Operating Temperature	0°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Total RAM Bits	43499520	37969920	54190080	54190080
Manufacturer Standard Lead Time	10 Weeks	-	-	-
Package / Case	1156-BBGA, FCBGA	1924-BBGA, FCBGA	1156-BBGA, FCBGA	1156-BBGA, FCBGA
Base Part Number	XC7VX550T	-	-	-
Number of I/O	350	600	350	600
Number of LABs/CLBs	43300	37950	54150	54150
Number of Logic Elements/Cells	554240	485760	693120	693120
Moisture Sensitivity Level (MSL)	4 (72 Hours)	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	-	-	-
Voltage - Supply	0.97 V ~ 1.03 V	0.97V ~ 1.03V	0.97V ~ 1.03V	0.97V ~ 1.03V
Supplier Device Package	1158-FCBGA (35x35)	1927-FCBGA (45x45)	1158-FCBGA (35x35)	1157-FCBGA (35x35)

### XC7VX550T-3FFG1158E Datasheet PDF

Download XC7VX550T-3FFG1158E pdf datasheets and Xilinx documentation for XC7VX550T-3FFG1158E - Xilinx.

#### Datasheets

[Virtex-7 T/XT FPGA Datasheet.pdf](#)

[7 Series FPGA Overview.pdf](#)

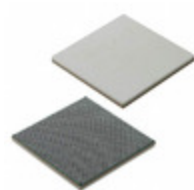
### Customers Also Interested in

#### Recommended Products

<b>XC7VX485T-2FFG1927I</b>	<b>XC7VX690T-1FFG1158C</b>	<b>XC7VX690T-1FFG1157I</b>	<b>XC7VX690T-1FFG1158I</b>	<b>XC7VX550T-1FFG1158I</b>	<b>XC7VX550T-2FFG1927C</b>
AMD IC FPGA 600 I/O 1927FCBGA	AMD IC FPGA 350 I/O 1158FCBGA	AMD IC FPGA 600 I/O 1157FCBGA	Xilinx IC FPGA 350 I/O 1158FCBGA	Xilinx IC FPGA 350 I/O 1158FCBGA	AMD IC FPGA 600 I/O 1927FCBGA

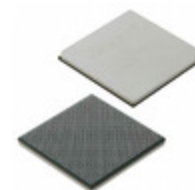
**XC7VX485T-L2FFG1158E**

AMD  
IC FPGA 350 I/O 1158FCBGA



**XC7VX690T-1FFG1157C**

AMD  
IC FPGA 600 I/O 1157FCBGA



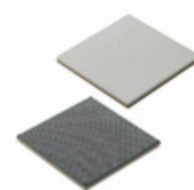
**XC7VX485T-3FFG1158E**

AMD  
IC FPGA 350 I/O 1158FCBGA



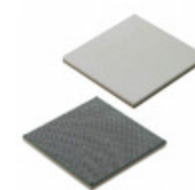
**XC7VX485T-3FFG1927E**

AMD  
IC FPGA 600 I/O 1927FCBGA



**XC7VX485T-L2FFG1157E**

AMD  
IC FPGA 600 I/O 1157FCBGA



**XC7VX485T-3FFG1157E**

AMD  
IC FPGA 600 I/O 1157FCBGA



**XC7VX690T-1FFG1761C**

AMD  
IC FPGA 850 I/O 1761FCBGA

**XC7VX550T-2FFG1158I**

AMD  
IC FPGA 350 I/O 1158FCBGA

**XC7VX550T-3FFG1927E**

AMD  
IC FPGA 600 I/O 1927FCBGA

**XC7VX485T-L2FFG1761E**

AMD  
IC FPGA 700 I/O 1761FCBGA

**XC7VX690T-1FFG1761I**

AMD  
IC FPGA 850 I/O 1761FCBGA

**XC7VX690T-1FFG1926I**

AMD  
IC FPGA 720 I/O 1926FCBGA

## 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.



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