

Image may be representation.  
See specifications for product details.



## XC7K325T-3FBG676E

|                          |                          |
|--------------------------|--------------------------|
| Manufacturer Part Number | <b>XC7K325T-3FBG676E</b> |
| Manufacturer             | <b>AMD Xilinx</b>        |
| Allelco Part Number      | 32D-XC7K325T-3FBG676E    |
| ECAD Model               | Request Free CAD Models  |
| Parts Description        | IC FPGA 400 I/O 676FCBGA |
| Package                  | 676-BBGA, FCBGA          |
| Data sheet               | XC7K325T-3FBG676E.pdf    |
| RoHs Status              | <b>ROHS3 Compliant</b>   |

**Get a Quote**

XC7K325T-3FBG676E - AMD.New Original in Stock. Download Linear Technology XC7K325T-3FBG676E datasheet/specifications on AllelcoElec.com.  
Request a quote for XC7K325T-3FBG676E, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC7K325T-3FBG676E Tech Specifications  
XC7K325T-3FBG676E - AMD technical specifications, attributes, parameters

| Product Attribute       | Attribute Value   | Product Attribute              | Attribute Value  |
|-------------------------|-------------------|--------------------------------|------------------|
| Manufacturer            | AMD Xilinx        | Operating Temperature          | 0°C ~ 100°C (TJ) |
| Voltage - Supply        | 0.97V ~ 1.03V     | Number of Logic Elements/Cells | 326080           |
| Total RAM Bits          | 16404480          | Number of LABs/CLBs            | 25475            |
| Supplier Device Package | 676-FCBGA (27x27) | Number of I/O                  | 400              |
| Series                  | Kintex®-7         | Mounting Type                  | Surface Mount    |
| Package / Case          | 676-BBGA, FCBGA   | Base Product Number            | XC7K325          |
| Package                 | Tray              |                                |                  |

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7K325T-3FBG676E

| Product Attribute              |                   |                          |                          |                          |
|--------------------------------|-------------------|--------------------------|--------------------------|--------------------------|
| Part Number                    | XC7K325T-3FBG676E | <b>XC7K325T-2FFG900I</b> | <b>XC7K325T-2FFG900C</b> | <b>XC7K325T-3FFG676E</b> |
| Manufacturer                   | AMD               | AMD                      | AMD                      | AMD                      |
| Total RAM Bits                 | 16404480          | 16404480                 | 16404480                 | 16404480                 |
| Series                         | Kintex®-7         | Kintex®-7                | Kintex®-7                | Kintex®-7                |
| Mounting Type                  | Surface Mount     | Surface Mount            | Surface Mount            | Surface Mount            |
| Supplier Device Package        | 676-FCBGA (27x27) | 900-FCBGA (31x31)        | 900-FCBGA (31x31)        | 676-FCBGA (27x27)        |
| Voltage - Supply               | 0.97V ~ 1.03V     | 0.97V ~ 1.03V            | 0.97V ~ 1.03V            | 0.97V ~ 1.03V            |
| Number of LABs/CLBs            | 25475             | 25475                    | 25475                    | 25475                    |
| Number of I/O                  | 400               | 500                      | 500                      | 400                      |
| Operating Temperature          | 0°C ~ 100°C (TJ)  | -40°C ~ 100°C (TJ)       | 0°C ~ 85°C (TJ)          | 0°C ~ 100°C (TJ)         |
| Package / Case                 | 676-BBGA, FCBGA   | 900-BBGA, FCBGA          | 900-BBGA, FCBGA          | 676-BBGA, FCBGA          |
| Package                        | Tray              | Tray                     | Tray                     | Tray                     |
| Number of Logic Elements/Cells | 326080            | 326080                   | 326080                   | 326080                   |
| Base Product Number            | XC7K325           | XC7K325                  | XC7K325                  | XC7K325                  |

### XC7K325T-3FBG676E Datasheet PDF

Download XC7K325T-3FBG676E pdf datasheets and AMD documentation for XC7K325T-3FBG676E - AMD.

#### 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



**XC7K325T-2FFG900I4488**  
AMD Xilinx



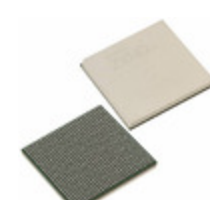
**XC7K325T-3FFG900I**  
AMD Xilinx



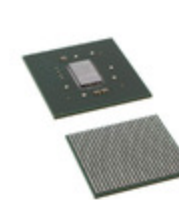
**XC7K325T-2FFG900E**  
AMD Xilinx



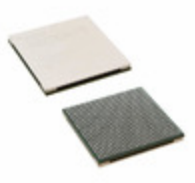
**XC7K325T-2FFG900I**  
AMD  
IC FPGA 500 I/O 900FCBGA



**XC7K325T-2FFG900C**  
AMD  
IC FPGA 500 I/O 900FCBGA



**XC7K325T-3FFG676E**  
AMD  
IC FPGA 400 I/O 676FCBGA



**XC7K325T-3FBG900E**

Xilinx  
IC FPGA 500 I/O 900FCBGA

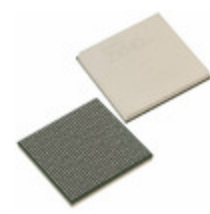
**XC7K325T-2FGG676I**

AMD Xilinx



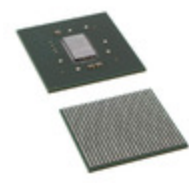
**XC7K325T-2FFG676I4304**

AMD Xilinx



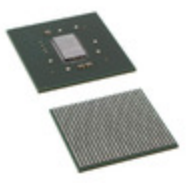
**XC7K325T-2FFV900I**

AMD  
IC FPGA 500 I/O 900FCBGA



**XC7K325T-2FFG676C**

AMD  
IC FPGA 400 I/O 676FCBGA



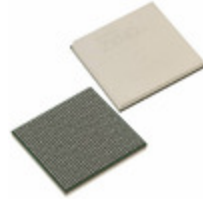
**XC7K325T-2FFG676I**

AMD  
IC FPGA 400 I/O 676FCBGA



**XC7K325T-3FFG900C**

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**XC7K325T-3FFG900E**

AMD  
IC FPGA 500 I/O 900FCBGA



**XC7K325T-FFG676AB**

AMD Xilinx



**XC7K325T-FBG900**

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**XC7K325T-FFG676**

AMD Xilinx



**XC7K325T-FFG900**

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## 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  
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 Email  
 info@allelco.com

## Certifications & Memberships



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