

Image may be representation.
See specifications for product details.



XC7K325T-2FBG676I

Manufacturer Part Number	XC7K325T-2FBG676I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7K325T-2FBG676I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 400 I/O 676FCBGA
Package	676-BBGA, FCBGA
Data sheet	XC7K325T-2FBG676I.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC7K325T-2FBG676I - AMD.New Original in Stock. Download Linear Technology XC7K325T-2FBG676I datasheet/specifications on AllelcoElec.com.
Request a quote for XC7K325T-2FBG676I, please send us email: info@allelco.com

Specifications

XC7K325T-2FBG676I Tech Specifications
XC7K325T-2FBG676I - 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	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-2FBG676I

Product Attribute				
Part Number	XC7K325T-2FBG676I	XC7K325T-1FFG900I	XC7K325T-1FFG676I	XC7K325T-1FFG676C
Manufacturer	AMD	AMD	AMD	AMD
Package	Tray	Tray	Tray	Tray
Base Product Number	XC7K325	XC7K325	XC7K325	XC7K325
Total RAM Bits	16404480	16404480	16404480	16404480
Package / Case	676-BBGA, FCBGA	900-BBGA, FCBGA	676-BBGA, FCBGA	676-BBGA, FCBGA
Number of LABs/CLBs	25475	25475	25475	25475
Number of I/O	400	500	400	400
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Voltage - Supply	0.97V ~ 1.03V	0.97V ~ 1.03V	0.97V ~ 1.03V	0.97V ~ 1.03V
Supplier Device Package	676-FCBGA (27x27)	900-FCBGA (31x31)	676-FCBGA (27x27)	676-FCBGA (27x27)
Number of Logic Elements/Cells	326080	326080	326080	326080
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Kintex®-7	Kintex®-7	Kintex®-7	Kintex®-7

XC7K325T-2FBG676I Datasheet PDF

Download XC7K325T-2FBG676I pdf datasheets and AMD documentation for XC7K325T-2FBG676I - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

PCN Design/Specification

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

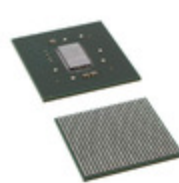
[Product Marking Chg 31/Oct/2016.pdf](#)

PCN Packaging

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

Customers Also Interested in

Recommended Products



XC7K325T-2FF900E

AMD Xilinx

XC7K325T-1FFG900I

AMD
IC FPGA 500 I/O 900FCBGA

XC7K325T-1FFG676I

AMD
IC FPGA 400 I/O 676FCBGA

XC7K325T-1FFG900E

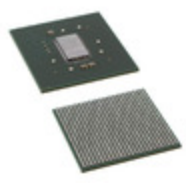
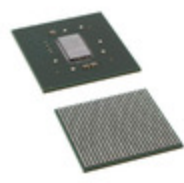
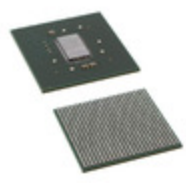
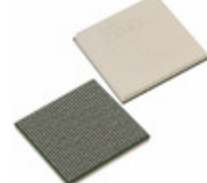
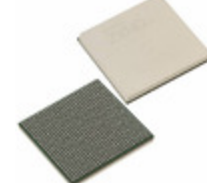
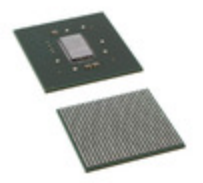
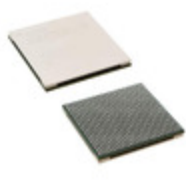
AMD Xilinx

XC7K325T-2FBG900E

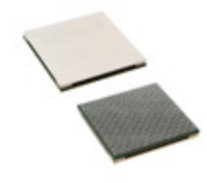
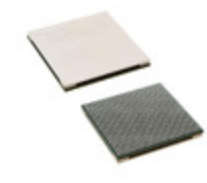
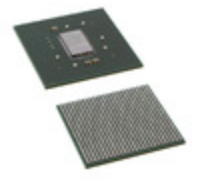
AMD Xilinx

XC7K325T-1FBV900C4400

AMD Xilinx

**XC7K325T-1FFG676C**AMD
IC FPGA 400 I/O 676FCBGA**XC7K325T-2FFG676I**AMD
IC FPGA 400 I/O 676FCBGA**XC7K325T-2FFG676C**AMD
IC FPGA 400 I/O 676FCBGA**XC7K325T-1FF900I**AMD
IC FPGA 500 I/O 900FCBGA**XC7K325T-1FFG900C**AMD
IC FPGA 500 I/O 900FCBGA**XC7K325T-2FBG676C**AMD
IC FPGA 400 I/O 676FCBGA**XC7K325T-2FBG900I**AMD
IC FPGA 500 I/O 900FCBGA**XC7K325T-2FFG900C**AMD
IC FPGA 500 I/O 900FCBGA**XC7K325T-1FF900E**

AMD Xilinx

**XC7K325T-2FBG900C**AMD
IC FPGA 500 I/O 900FCBGA**XC7K325T-1FBG900I**AMD
IC FPGA 500 I/O 900FCBGA**XC7K325T-2FF676I**AMD
IC FPGA 400 I/O 676FCBGA

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

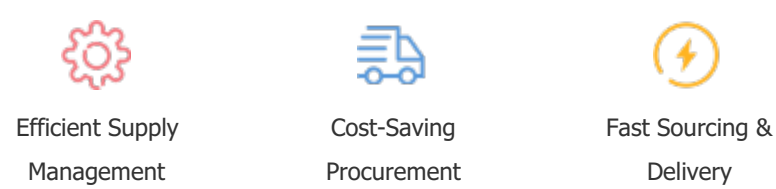
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

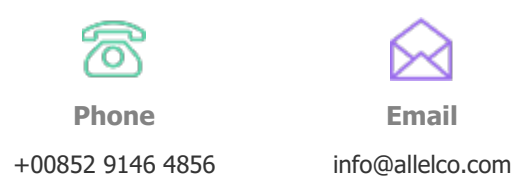
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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