

Image may be representation.
See specifications for product details.



XC7A100T-1CSG324I

Manufacturer Part Number	XC7A100T-1CSG324I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7A100T-1CSG324I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 210 I/O 324CSBGA
Package	324-LFBGA, CSPBGA
Data sheet	Artix-7 FPGAs Brief.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC7A100T-1CSG324I - AMD,New Original in Stock. Download Linear Technology XC7A100T-1CSG324I datasheet/specifications on AllelcoElec.com.
Request a quote for XC7A100T-1CSG324I, please send us email: info@allelco.com

Specifications

XC7A100T-1CSG324I Tech Specifications
XC7A100T-1CSG324I - 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	0.95V ~ 1.05V	Number of Logic Elements/Cells	101440
Total RAM Bits	4976640	Number of LABs/CLBs	7925
Supplier Device Package	324-CSPBGA (15x15)	Number of I/O	210
Series	Artix-7	Mounting Type	Surface Mount
Package / Case	324-LFBGA, CSPBGA	Base Product Number	XC7A100
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7A100T-1CSG324I

Product Attribute				
Part Number	XC7A100T-1CSG324I	XC7A100T-1FGG484C	XC7A100T-2CSG324C	XC7A100T-1CSG324C
Manufacturer	AMD	AMD	AMD	AMD
Series	Artix-7	Artix-7	Artix-7	Artix-7
Total RAM Bits	4976640	4976640	4976640	4976640
Number of Logic Elements/Cells	101440	101440	101440	101440
Number of I/O	210	285	210	210
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of LABs/CLBs	7925	7925	7925	7925
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Supplier Device Package	324-CSPBGA (15x15)	484-FBGA (23x23)	324-CSPBGA (15x15)	324-CSPBGA (15x15)
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Base Product Number	XC7A100	XC7A100	XC7A100	XC7A100
Package / Case	324-LFBGA, CSPBGA	484-BBGA	324-LFBGA, CSPBGA	324-LFBGA, CSPBGA

XC7A100T-1CSG324I Datasheet PDF

Download XC7A100T-1CSG324I pdf datasheets and AMD documentation for XC7A100T-1CSG324I - AMD.

Datasheets

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

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

Customers Also Interested in

Recommended Products

XC7A100T-1FGG484C	XC7A100T-2CSG324C	XC79898VHR2	XC79883VHR2	XC7A100T-1CSG324C	XC7A100T-1FGG676I
AMD IC FPGA 285 I/O 484FBGA	AMD IC FPGA 210 I/O 324CSBGA	MOTOROLA MOT	MOTOROLA MOTOROLA	AMD IC FPGA 210 I/O 324CSBGA	AMD IC FPGA 300 I/O 676FBGA
NO PICTURE	NO PICTURE	NO PICTURE	NO PICTURE	XILINX ALL PROGRAMMABLE.	NO PICTURE

XC79970FBR2
MOTOROLA

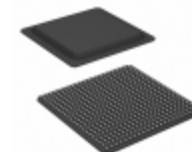
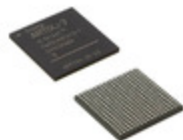
XC7A100T-1FGG676C
AMD
IC FPGA 300 I/O 676FBGA

XC79197D
MOT

XC78061-1
MOTOROLA

XC7A100T-1FTG256C
AMD
IC FPGA 170 I/O 256FTBGA

XC78193-1
MOTOROLA



NO PICTURE

XC7518B1
AMI Semiconductor/onsemi

XC7A100T-1FTG256I
AMD
IC FPGA 170 I/O 256FTBGA

XC7A100T-2CSG324I
AMD
IC FPGA 210 I/O 324CSBGA

XC7A100T-2FG676I
AMD Xilinx

XC7A100T-1FGG484I
AMD
IC FPGA 285 I/O 484FBGA

XC77212-4
MOTOROLA

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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Certifications & Memberships



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