

Image may be representation.
See specifications for product details.



XC7A75T-1FGG676I

Manufacturer Part Number	XC7A75T-1FGG676I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC7A75T-1FGG676I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 300 I/O 676FBGA
Package	676-BGA
Data sheet	Artix-7 FPGAs Brief.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC7A75T-1FGG676I - AMD.New Original in Stock. Download Linear Technology XC7A75T-1FGG676I datasheet/specifications on AllelcoElec.com.
Request a quote for XC7A75T-1FGG676I, please send us email: info@allelco.com

Specifications

XC7A75T-1FGG676I Tech Specifications
XC7A75T-1FGG676I - 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	75520
Total RAM Bits	3870720	Number of LABs/CLBs	5900
Supplier Device Package	676-FBGA (27x27)	Number of I/O	300
Series	Artix-7	Mounting Type	Surface Mount
Package / Case	676-BGA	Base Product Number	XC7A75
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7A75T-1FGG676I

Product Attribute				
Part Number	XC7A75T-1FGG676I	XC7A75T-2FGG676I	XC7A50T-L2CSG324E	XC7A75T-2FGG484C
Manufacturer	AMD	AMD	AMD	AMD
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Total RAM Bits	3870720	3870720	2764800	3870720
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	5900	5900	4075	5900
Number of Logic Elements/Cells	75520	75520	52160	75520
Number of I/O	300	300	210	285
Series	Artix-7	Artix-7	Artix-7	Artix-7
Package / Case	676-BGA	676-BGA	324-LFBGA, CSPBGA	484-BBGA
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Supplier Device Package	676-FBGA (27x27)	676-FBGA (27x27)	324-CSPBGA (15x15)	484-FBGA (23x23)
Base Product Number	XC7A75	XC7A75	XC7A50	XC7A75
Package	Tray	Tray	Tray	Tray

XC7A75T-1FGG676I Datasheet PDF

Download XC7A75T-1FGG676I pdf datasheets and AMD documentation for XC7A75T-1FGG676I - AMD.

Datasheets

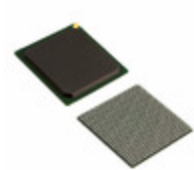
[Artix-7 FPGAs Brief.pdf](#)

Environmental Information

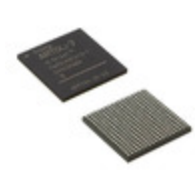
[Xilinx REACH211 Cert.pdf](#)

Customers Also Interested in

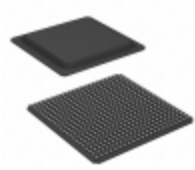
Recommended Products



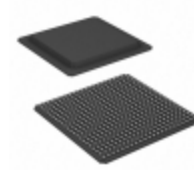
XC7A75T-2FGG676I
AMD
IC FPGA 300 I/O 676FBGA



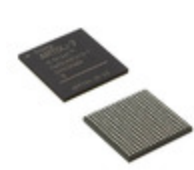
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AMD
IC FPGA 210 I/O 324CSBGA



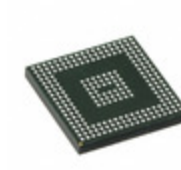
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AMD
IC FPGA 285 I/O 484FBGA



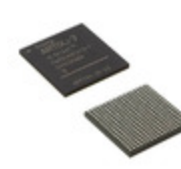
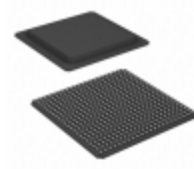
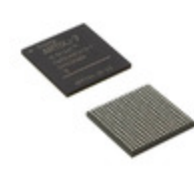
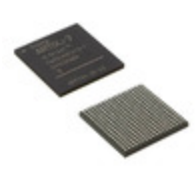
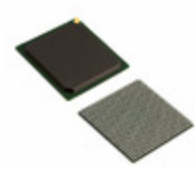
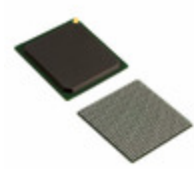
XC7A50T-L1FGG484I
AMD
IC FPGA 250 I/O 484FBGA

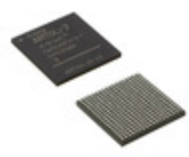
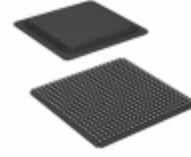
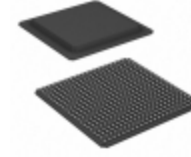
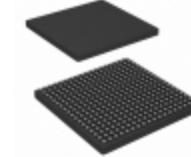
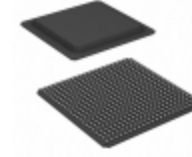
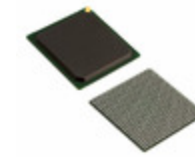


XC7A75T-1CSG324C
AMD
IC FPGA 210 I/O 324CSBGA



XC7A50T-L2CPG236E
AMD
IC FPGA 106 I/O 238CSBGA



XC7A75T-1FGG676CAMD
IC FPGA 300 I/O 676FBGA**XC7A75T-3FGG676E**AMD
IC FPGA 300 I/O 676FBGA**XC7A75T-2CSG324I**AMD
IC FPGA 210 I/O 324CSBGA**XC7A75T-2CSG324C**AMD
IC FPGA 210 I/O 324CSBGA**XC7A75T-1FGG484C**AMD
IC FPGA 285 I/O 484FBGA**XC7A75T-1CSG324I**AMD
IC FPGA 210 I/O 324CSBGA**XC7A75T-3CSG324E**AMD
IC FPGA 210 I/O 324CSBGA**XC7A75T-1FGG484I**AMD
IC FPGA 285 I/O 484FBGA**XC7A50T-L2FGG484E**AMD
IC FPGA 250 I/O 484FBGA**XC7A50T-L2CSG325E**AMD
IC FPGA 150 I/O 324CSBGA**XC7A75T-2FGG484I**AMD
IC FPGA 285 I/O 484FBGA**XC7A75T-2FGG676C**AMD
IC FPGA 300 I/O 676FBGA

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

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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