

Image may be representation.  
See specifications for product details.



## XC6SLX100T-N3FG676I

Manufacturer Part Number	<b>XC6SLX100T-N3FG676I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC6SLX100T-N3FG676I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 376 I/O 676FCBGA
Package	676-BGA
Data sheet	XC6SLX100T-N3FG676I.pdf

**Get a Quote**

XC6SLX100T-N3FG676I - AMD.New Original in Stock. Download Linear Technology XC6SLX100T-N3FG676I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC6SLX100T-N3FG676I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC6SLX100T-N3FG676I Tech Specifications  
XC6SLX100T-N3FG676I - 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	1.14V ~ 1.26V	Number of Logic Elements/Cells	101261
Total RAM Bits	4939776	Number of LABs/CLBs	7911
Supplier Device Package	676-FBGA (27x27)	Number of I/O	376
Series	Spartan®-6 LXT	Mounting Type	Surface Mount
Package / Case	676-BGA	Base Product Number	XC6SLX100
Package	Tray		

### Parts with Similar Specifications

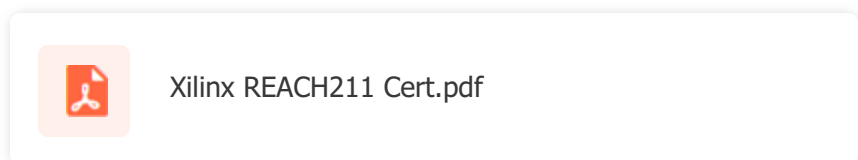
The three parts on the right have similar specifications to AMD XC6SLX100T-N3FG676I

Product Attribute				
Part Number	XC6SLX100T-N3FG676I	<b>XC6SLX150-2FGG676I</b>	<b>XC6SLX150-2FGG484I</b>	<b>XC6SLX150-2FGG676C</b>
Manufacturer	AMD	AMD	AMD	AMD
Total RAM Bits	4939776	4939776	4939776	4939776
Package / Case	676-BGA	676-BGA	484-BBGA	676-BGA
Base Product Number	XC6SLX100	XC6SLX150	XC6SLX150	XC6SLX150
Package	Tray	Tray	Tray	Tray
Supplier Device Package	676-FBGA (27x27)	676-FBGA (27x27)	484-FBGA (23x23)	676-FBGA (27x27)
Number of I/O	376	498	338	498
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Series	Spartan®-6 LXT	Spartan®-6 LX	Spartan®-6 LX	Spartan®-6 LX
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Number of Logic Elements/Cells	101261	147443	147443	147443
Number of LABs/CLBs	7911	11519	11519	11519
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### XC6SLX100T-N3FG676I Datasheet PDF

Download XC6SLX100T-N3FG676I pdf datasheets and AMD documentation for XC6SLX100T-N3FG676I - AMD.

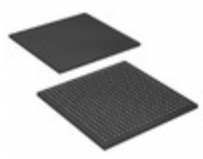
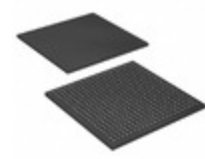
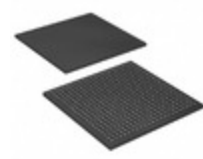
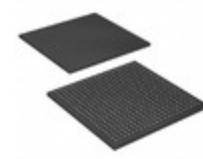
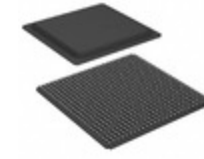
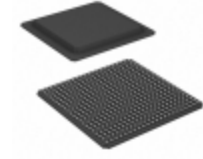
### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC6SLX150-2FGG676I</b>	<b>XC6SLX150-2FGG484I</b>	<b>XC6SLX150-2FGG676C</b>	<b>XC6SLX100T-3FGG676C</b>	<b>XC6SLX150-2FGG484C</b>	<b>XC6SLX100T-3FG676I</b>
AMD IC FPGA 498 I/O 676FBGA	AMD IC FPGA 338 I/O 484FBGA	AMD IC FPGA 498 I/O 676FBGA	AMD IC FPGA 376 I/O 676FBGA	AMD IC FPGA 338 I/O 484FBGA	AMD IC FPGA 376 I/O 676FCBGA
<b>XC6SLX100T-3FGG900I</b>	<b>XC6SLX100T-2FGG900I</b>	<b>XC6SLX100T-3FGG900C</b>	<b>XC6SLX100T-3CSG484C</b>	<b>XC6SLX100T-3FGG676I</b>	<b>XC6SLX100T-N3FGG484I</b>
AMD IC FPGA 498 I/O 900FBGA	AMD IC FPGA 498 I/O 900FBGA	AMD IC FPGA 498 I/O 900FBGA	AMD IC FPGA 296 I/O 484CSBGA	AMD IC FPGA 376 I/O 676FBGA	AMD IC FPGA 296 I/O 484FBGA

**XC6SLX150-3CSG484C**AMD  
IC FPGA 338 I/O 484CSBGA**XC6SLX150-2CSG484I**AMD  
IC FPGA 338 I/O 484CSBGA**XC6SLX150-2CSG484C**AMD  
IC FPGA 338 I/O 484CSBGA**XC6SLX150-3CSG484I**AMD  
IC FPGA 338 I/O 484CSBGA**XC6SLX150-3FG676C**AMD  
IC FPGA 498 I/O 676FCBGA**XC6SLX100T-3FGG484C**AMD  
IC FPGA 296 I/O 484FBGA

## 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.



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+00852 9146 4856



Email

info@allelco.com

### Certifications & Memberships



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