

Image may be representation.  
See specifications for product details.



## XC6SLX45-3FGG676C

Manufacturer Part Number	<b>XC6SLX45-3FGG676C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC6SLX45-3FGG676C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 358 I/O 676FBGA
Package	676-BGA
Data sheet	XC6SLX45-3FGG676C.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC6SLX45-3FGG676C - AMD.New Original in Stock. Download Linear Technology XC6SLX45-3FGG676C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC6SLX45-3FGG676C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC6SLX45-3FGG676C Tech Specifications  
XC6SLX45-3FGG676C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.14V ~ 1.26V	Number of Logic Elements/Cells	43661
Total RAM Bits	2138112	Number of LABs/CLBs	3411
Supplier Device Package	676-FBGA (27x27)	Number of I/O	358
Series	Spartan®-6 LX	Mounting Type	Surface Mount
Package / Case	676-BGA	Base Product Number	XC6SLX45
Package	Tray		

### Parts with Similar Specifications

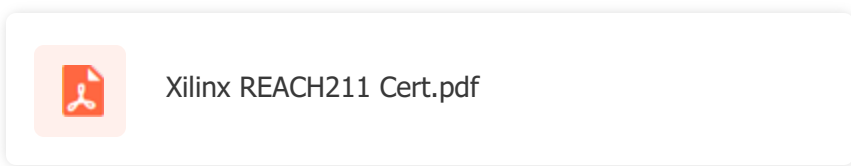
The three parts on the right have similar specifications to AMD XC6SLX45-3FGG676C

Product Attribute				
Part Number	XC6SLX45-3FGG676C	<b>XC6SLX45-3FGG676I</b>	<b>XC6SLX45-L1FGG484I</b>	<b>XC6SLX45-3CSG484C</b>
Manufacturer	AMD	AMD	AMD	AMD
Series	Spartan®-6 LX	Spartan®-6 LX	Spartan®-6 LX	Spartan®-6 LX
Number of Logic Elements/Cells	43661	43661	43661	43661
Number of I/O	358	358	316	320
Package	Tray	Tray	Tray	Tray
Supplier Device Package	676-FBGA (27x27)	676-FBGA (27x27)	484-FBGA (23x23)	484-CSPBGA (19x19)
Number of LABs/CLBs	3411	3411	3411	3411
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	676-BGA	676-BGA	484-BBGA	484-FBGA, CSPBGA
Total RAM Bits	2138112	2138112	2138112	2138112
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	XC6SLX45	XC6SLX45	XC6SLX45	XC6SLX45
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V

### XC6SLX45-3FGG676C Datasheet PDF

Download XC6SLX45-3FGG676C pdf datasheets and AMD documentation for XC6SLX45-3FGG676C - AMD.

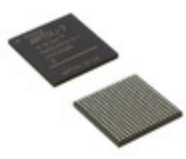
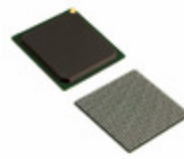
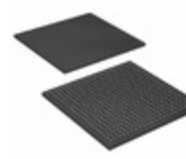
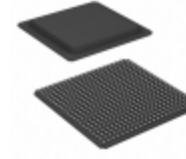
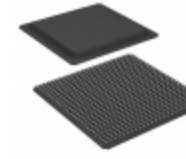
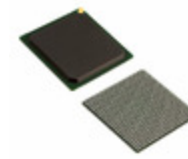
### Environmental Information



### Customers Also Interested in

#### Recommended Products

<b>XC6SLX45-3FGG676I</b>	<b>XC6SLX45-L1FGG484I</b>	<b>XC6SLX45-3CSG484C</b>	<b>XC6SLX45-2FGG484I</b>	<b>XC6SLX45-L1FGG484C</b>	<b>XC6SLX45T-2CSG324C</b>
AMD IC FPGA 358 I/O 676FBGA	AMD IC FPGA 316 I/O 484FBGA	AMD IC FPGA 320 I/O 484CSBGA	AMD IC FPGA 316 I/O 484FBGA	AMD IC FPGA 316 I/O 484FBGA	AMD IC FPGA 190 I/O 324CSBGA
<b>XC6SLX45-N3CSG324C</b>	<b>XC6SLX45-3FGG484C</b>	<b>XC6SLX45-3CSG324I</b>	<b>XC6SLX45-N3FGG484C</b>	<b>XC6SLX45-L1CSG484I</b>	<b>XC6SLX45-L1FGG676I</b>
AMD IC FPGA 218 I/O 324CSBGA	AMD IC FPGA 316 I/O 484FBGA	AMD IC FPGA 218 I/O 324CSBGA	AMD IC FPGA 316 I/O 484FBGA	AMD IC FPGA 320 I/O 484CSBGA	AMD IC FPGA 358 I/O 676FBGA

**XC6SLX45-L1CSG324I**AMD  
IC FPGA 218 I/O 324CSBGA**XC6SLX45-2FGG676C**AMD  
IC FPGA 358 I/O 676FBGA**XC6SLX45-3CSG484I**AMD  
IC FPGA 320 I/O 484CSBGA**XC6SLX45-3FG484C**AMD  
IC FPGA 316 I/O 484FBGA**XC6SLX45-L1FGG676C**Xilinx Inc.  
IC FPGA 358 I/O 676FBGA**XC6SLX45-2FGG676I**AMD  
IC FPGA 358 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.

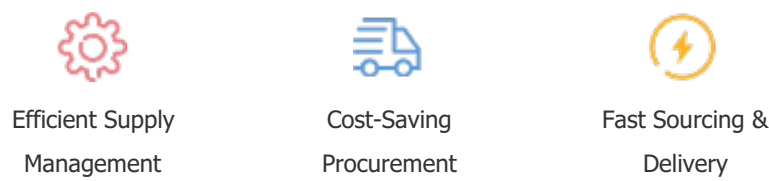
### Payment Support

The payment method can be chosen from the methods shown below:

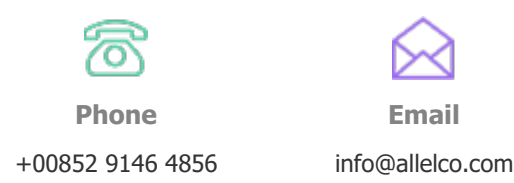
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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### Contact us

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