

Image may be representation.  
See specifications for product details.



## XCS10XL-4TQG144C

Manufacturer Part Number	<b>XCS10XL-4TQG144C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCS10XL-4TQG144C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 112 I/O 144TQFP
Package	144-LQFP
Data sheet	XCS10XL-4TQG144C.pdf

**Get a Quote**

XCS10XL-4TQG144C - AMD.New Original in Stock. Download Linear Technology XCS10XL-4TQG144C datasheet/specifications on AllelcoElec.com.  
Request a quote for XCS10XL-4TQG144C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCS10XL-4TQG144C Tech Specifications  
XCS10XL-4TQG144C - 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	3V ~ 3.6V	Number of Logic Elements/Cells	466
Total RAM Bits	6272	Number of LABs/CLBs	196
Supplier Device Package	144-TQFP (20x20)	Number of I/O	112
Series	Spartan®-XL	Number of Gates	10000
Package / Case	144-LQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCS10XL

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCS10XL-4TQG144C

Product Attribute				
Part Number	XCS10XL-4TQG144C	<b>XCS10XL-5PC84C</b>	<b>XCS10XL-4PC84C</b>	<b>XCS10XL-4CS144C</b>
Manufacturer	AMD	AMD	AMD	AMD
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of LABs/CLBs	196	196	196	196
Supplier Device Package	144-TQFP (20x20)	84-PLCC (29.31x29.31)	84-PLCC (29.31x29.31)	144-LCSBGA (12x12)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XCS10XL	XCS10XL	XCS10XL	XCS10XL
Number of Gates	10000	10000	10000	10000
Package	Tray	Tray	Tray	Tray
Total RAM Bits	6272	6272	6272	6272
Voltage - Supply	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Series	Spartan®-XL	Spartan®-XL	Spartan®-XL	Spartan®-XL
Package / Case	144-LQFP	84-LCC (J-Lead)	84-LCC (J-Lead)	144-TFBGA, CSPBGA
Number of I/O	112	61	61	112
Number of Logic Elements/Cells	466	466	466	466

### XCS10XL-4TQG144C Datasheet PDF

Download XCS10XL-4TQG144C pdf datasheets and AMD documentation for XCS10XL-4TQG144C - AMD.

#### Environmental Information

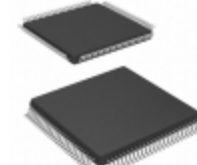
[Xilinx REACH211 Cert.pdf](#)

#### PCN Obsolescence/ EOL

[Spartan, XC9500, CoolRunner 26/Oct/2011.pdf](#)

### Customers Also Interested in

#### Recommended Products



**XCS10-5TQ144C**  
AMD Xilinx

**XCS10XL-5PC84C**  
AMD  
IC FPGA 61 I/O 84PLCC

**XCS10XL-4PC84C**  
AMD  
IC FPGA 61 I/O 84PLCC

**XCS10XL-3TQ144C**  
AMD Xilinx

**XCS10XL-4CS144C**  
AMD  
IC FPGA 112 I/O 144LCSBGA

**XCS10XL-4VQ100C**  
AMD  
IC FPGA 77 I/O 100VQFP



**XCS10XL-4VQG100C**

AMD  
IC FPGA 77 I/O 100VQFP



**XCS10XL-5VQG100C**

AMD Xilinx



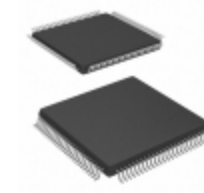
**XCS10PC84-3C**

AMD Xilinx



**XCS10XL-5TQ144C**

AMD  
IC FPGA 112 I/O 144TQFP



**XCS10XL-4VQ100I**

AMD  
IC FPGA 77 I/O 100VQFP



**XCS10XL-4VQG100I**

AMD  
IC FPGA 77 I/O 100VQFP



**XCS10XL-5VQ100C**

AMD  
IC FPGA 77 I/O 100VQFP



**XCS10XL-4TQ144**

AMD Xilinx



**XCS10XL-5TQG144C**

AMD Xilinx



**XCS10TM-TQ144CKN**

AMD Xilinx



**XCS10XL-TQG144AKP**

AMD Xilinx



**XCS10XL-4TQ144C**

AMD  
IC FPGA 112 I/O 144TQFP

## 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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## Certifications & Memberships



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