



Image may be representation.  
See specifications for product details.



## XC4005XL-3TQ144C

Manufacturer Part Number	<b>XC4005XL-3TQ144C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC4005XL-3TQ144C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 112 I/O 144TQFP
Package	144-LQFP
Data sheet	<b>XC4000(E, X) Series.pdf</b>

**Get a Quote**

XC4005XL-3TQ144C - AMD.New Original in Stock. Download Linear Technology XC4005XL-3TQ144C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC4005XL-3TQ144C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC4005XL-3TQ144C Tech Specifications  
XC4005XL-3TQ144C - 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	XC4000E/X	Number of Gates	5000
Package / Case	144-LQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC4005XL

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC4005XL-3TQ144C

Product Attribute				
Part Number	XC4005XL-3TQ144C	<b>XC4005XL-3PQ208C</b>	<b>XC4005XL-09VQ100C</b>	<b>XC4005XL-2PQ100C</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)
Voltage - Supply	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Package / Case	144-LQFP	208-BFQFP	100-TQFP	100-BQFP
Number of Gates	5000	5000	5000	5000
Number of LABs/CLBs	196	196	196	196
Number of I/O	112	112	77	77
Base Product Number	XC4005XL	XC4005XL	XC4005XL	XC4005XL
Series	XC4000E/X	XC4000E/X	XC4000E/X	XC4000E/X
Number of Logic Elements/Cells	466	466	466	466
Supplier Device Package	144-TQFP (20x20)	208-PQFP (28x28)	100-VQFP (14x14)	100-PQFP (20x14)
Total RAM Bits	6272	6272	6272	6272
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### XC4005XL-3TQ144C Datasheet PDF

Download XC4005XL-3TQ144C pdf datasheets and AMD documentation for XC4005XL-3TQ144C - AMD.

#### Datasheets

[XC4000\(E, X\) Series.pdf](#)

#### Environmental Information

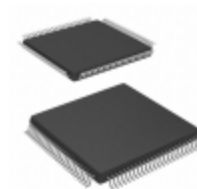
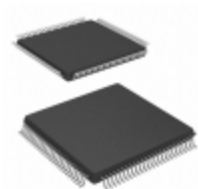
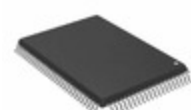
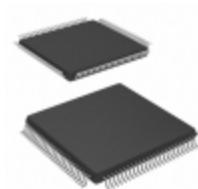
[Xilinx REACH211 Cert.pdf](#)

#### PCN Obsolescence/ EOL

[XC3000,4000XL,5206,Virtex, Spartan, XQ 27/Apr/2010.pdf](#)

### Customers Also Interested in

#### Recommended Products



**XC4005XL-3PQ208C**

AMD  
IC FPGA 112 I/O 208QFP

**XC4005XL-09VQ100C**

AMD  
IC FPGA 77 I/O 100VQFP

**XC4005XL-2PQ100C**

AMD  
IC FPGA 77 I/O 100QFP

**XC4005XL-2PQ208C**

AMD  
IC FPGA 112 I/O 208QFP

**XC4005XL-3VQ100C**

AMD  
IC FPGA 77 I/O 100VQFP

**XC4005XL-1VQ100C**

AMD  
IC FPGA 77 I/O 100VQFP



**XC4006-6PC84C**

AMD Xilinx

**XC4005XL-3PQ160C**

AMD  
IC FPGA 112 I/O 160QFP

**XC4006-4PQG160I**

AMD Xilinx

**XC4005XLTQ144**

AMD Xilinx

**XC4005XL-09TQ144C**

AMD  
IC FPGA 112 I/O 144TQFP

**XC4005XL-1TQ144C**

AMD  
IC FPGA 112 I/O 144TQFP



**XC4005XL-9TQ144C**

AMD Xilinx

**XC4006-5PQ160C**

AMD Xilinx

**XC4005XL-1PQ100C**

AMD  
IC FPGA 77 I/O 100QFP

**XC4005XL-3PC84C**

AMD  
IC FPGA 61 I/O 84PLCC

**XC4005XL-3TQ144I**

AMD  
IC FPGA 112 I/O 144TQFP

**XC4005XLVQ100**

AMD Xilinx

## 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 Alleco 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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Email

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## Certifications & Memberships



View More



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