



Image may be representation.  
See specifications for product details.



## XCR3064XL-6VQG100C

Manufacturer Part Number	<b>XCR3064XL-6VQG100C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCR3064XL-6VQG100C
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 64MC 5.5NS 100VQFP
Package	100-TQFP
Data sheet	<b>XCR3064XL.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XCR3064XL-6VQG100C - AMD.New Original in Stock. Download Linear Technology XCR3064XL-6VQG100C datasheet/specifications on AllelcoElec.com. Request a quote for XCR3064XL-6VQG100C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCR3064XL-6VQG100C Tech Specifications  
XCR3064XL-6VQG100C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	64
Voltage Supply - Internal	3V ~ 3.6V	Number of Logic Elements/Blocks	4
Supplier Device Package	100-VQFP (14x14)	Number of I/O	68
Series	CoolRunner XPLA3	Number of Gates	1500
Programmable Type	In System Programmable (min 1K program/erase cycles)	Mounting Type	Surface Mount
Package / Case	100-TQFP	Delay Time tpd(1) Max	5.5 ns
Package	Tray	Base Product Number	XCR3064
Operating Temperature	0°C ~ 70°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCR3064XL-6VQG100C

Product Attribute				
Part Number	XCR3064XL-6VQG100C	XCR3064XL-6VQ100C	XCR3064XL-7VQ44C	XCR3064XL-10VQG44C
Manufacturer	AMD	AMD	AMD	AMD
Number of Gates	1500	1500	1500	1500
Programmable Type	In System Programmable (min 1K program/erase cycles)	In System Programmable (min 1K program/erase cycles)	In System Programmable (min 1K program/erase cycles)	In System Programmable (min 1K program/erase cycles)
Series	CoolRunner XPLA3	CoolRunner XPLA3	CoolRunner XPLA3	CoolRunner XPLA3
Voltage Supply - Internal	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Number of I/O	68	68	36	36
Number of Logic Elements/Blocks	4	4	4	4
Supplier Device Package	100-VQFP (14x14)	100-VQFP (14x14)	44-VQFP (10x10)	44-VQFP (10x10)
Number of Macrocells	64	64	64	64
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Package / Case	100-TQFP	100-TQFP	44-TQFP	44-TQFP
Delay Time tpd(1) Max	5.5 ns	5.5 ns	7 ns	9.1 ns
Base Product Number	XCR3064	XCR3064	XCR3064	XCR3064

### XCR3064XL-6VQG100C Datasheet PDF

Download XCR3064XL-6VQG100C pdf datasheets and AMD documentation for XCR3064XL-6VQG100C - AMD.

#### PCN Assembly/Origin

2.73KHz.pdf

#### Environmental Information

Xilinx REACH211 Cert.pdf

#### HTML Datasheet

XCR3064XL.pdf

### Customers Also Interested in

#### Recommended Products



**XCR3064XL-6VQ100C**  
AMD  
IC CPLD 64MC 5.5NS 100VQFP



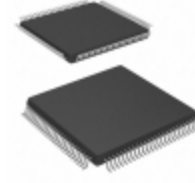
**XCR3064XL-7VQ44C**  
AMD  
IC CPLD 64MC 7NS 44VQFP



**XCR3064XL-10VQG44C**  
AMD  
IC CPLD 64MC 9.1NS 44VQFP



**XCR3064XL-10VQG44I**  
AMD  
IC CPLD 64MC 9.1NS 44VQFP



**XCR3064XL-6VQG44C**  
AMD  
IC CPLD 64MC 5.5NS 44VQFP



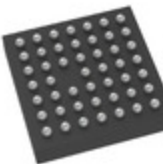
**XCR3064XL-7CSG48C**  
AMD  
IC CPLD 64MC 7NS 48CSBGA



**XCR3064XL-7VQ100I**  
AMD  
IC CPLD 64MC 7NS 100VQFP



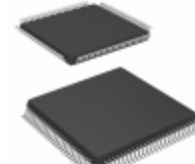
**XCR3064XL-6CS48C**  
Xilinx  
IC CPLD 64MC 5.5NS 48CSP



**XCR3064XL-6PC44I**  
AMD Xilinx



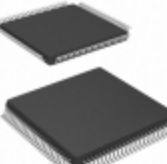
**XCR3064XL-7VQ100I**  
AMD  
IC CPLD 64MC 7NS 100VQFP



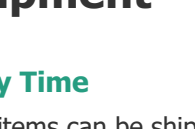
**XCR3064XL-6PC44C**  
AMD  
IC CPLD 64MC 5.5NS 44PLCC



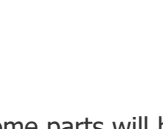
**XCR3064XL-7VQ44I**  
AMD  
IC CPLD 64MC 7NS 44VQFP



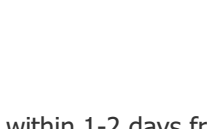
**XCR3064XL-7PC44I**  
AMD  
IC CPLD 64MC 7NS 44PLCC



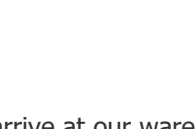
**XCR3064XL-7CSG48I**  
AMD  
IC CPLD 64MC 7NS 48CSBGA



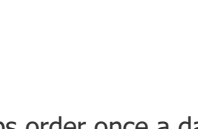
**XCR3064XL-7PC44C**  
AMD  
IC CPLD 64MC 7NS 44PLCC



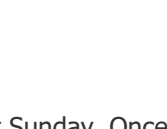
**XCR3064XL-7VQ100C**  
AMD  
IC CPLD 64MC 7NS 100VQFP



**XCR3064XL-6VQ44C**  
AMD  
IC CPLD 64MC 5.5NS 44VQFP



**XCR3064XL-10VQG100I**  
AMD  
IC CPLD 64MC 9.1NS 100VQFP



## 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



[View More](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com