



Image may be representation.  
See specifications for product details.



## XCR3032XL-7VQG44I

Manufacturer Part Number	<b>XCR3032XL-7VQG44I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCR3032XL-7VQG44I
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 32MC 7NS 44VQFP
Package	44-TQFP
Data sheet	<b>XCR3032XL-5x,7,10x Series.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XCR3032XL-7VQG44I - AMD.New Original in Stock. Download Linear Technology XCR3032XL-7VQG44I datasheet/specifications on AllelcoElec.com.  
Request a quote for XCR3032XL-7VQG44I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCR3032XL-7VQG44I Tech Specifications  
XCR3032XL-7VQG44I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	32
Voltage Supply - Internal	2.7V ~ 3.6V	Number of Logic Elements/Blocks	2
Supplier Device Package	44-VQFP (10x10)	Number of I/O	36
Series	CoolRunner XPLA3	Number of Gates	750
Programmable Type	In System Programmable (min 1K program/erase cycles)	Mounting Type	Surface Mount
Package / Case	44-TQFP	Delay Time tpd(1) Max	7 ns
Package	Tray	Base Product Number	XCR3032
Operating Temperature	-40°C ~ 85°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCR3032XL-7VQG44I

Product Attribute				
Part Number	XCR3032XL-7VQG44I	XCR3032XL-10VQ44C	XCR3064XL-10CPG56C	XCR3032XL-5VQG44C
Manufacturer	AMD	AMD	AMD	AMD
Voltage Supply - Internal	2.7V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Delay Time tpd(1) Max	7 ns	9.1 ns	9.1 ns	4.5 ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	36	36	48	36
Number of Logic Elements/Blocks	2	2	4	2
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)
Base Product Number	XCR3032	XCR3032	XCR3064	XCR3032
Number of Gates	750	750	1500	750
Series	CoolRunner XPLA3	CoolRunner XPLA3	CoolRunner XPLA3	CoolRunner XPLA3
Supplier Device Package	44-VQFP (10x10)	44-VQFP (10x10)	56-CSBGA (6x6)	44-VQFP (10x10)
Package	Tray	Bulk	Tray	Tray
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Package / Case	44-TQFP	44-TQFP	56-LFBGA, CSPBGA	44-TQFP
Number of Macrocells	32	32	64	32

### XCR3032XL-7VQG44I Datasheet PDF

Download XCR3032XL-7VQG44I pdf datasheets and AMD documentation for XCR3032XL-7VQG44I - AMD.

#### PCN Assembly/Origin

Mult Dev LeadFrame Chg 29/Oct/2018.pdf

#### Environmental Information

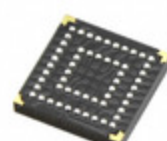
Xilinx REACH211 Cert.pdf

#### HTML Datasheet

XCR3032XL-5x,7,10x Series.pdf

### Customers Also Interested in

#### Recommended Products



<b>XCR3032XL-10VQ44C</b> AMD IC CPLD 32MC 9.1NS 44VQFP	<b>XCR3064XL-10CPG56C</b> AMD IC CPLD 64MC 9.1NS 56CSBGA	<b>XCR3064-10VQ100C</b> AMD Xilinx	<b>XCR3032XL-5VQG44C</b> AMD IC CPLD 32MC 4.5NS 44VQFP	<b>XCR3032XL-5VQ44C</b> AMD IC CPLD 32MC 4.5NS 44VQFP	<b>XCR3064A-10VQ100C</b> AMD Xilinx
					
<b>XCR3032XLVQ44</b> AMD Xilinx	<b>XCR3032XL-10VQG44C</b> AMD IC CPLD 32MC 9.1NS 44VQFP	<b>XCR3032XL-10VQG44I</b> AMD IC CPLD 32MC 9.1NS 44VQFP	<b>XCR3032XL-7VQG44C</b> AMD IC CPLD 32MC 7NS 44VQFP	<b>XCR3032XL-4VQG44C</b> AMD Xilinx	<b>XCR3064XL-10CS48C</b> Xilinx IC CPLD 64MC 9.1NS 48CSP
					
<b>XCR3064-10PC44C</b> AMD Xilinx	<b>XCR3032XL-10VQ44I</b> AMD IC CPLD 32MC 9.1NS 44VQFP	<b>XCR3032XL-7VQ44C</b> AMD IC CPLD 32MC 7NS 44VQFP	<b>XCR3032XL-5VQ44</b> AMD Xilinx	<b>XCR3064XL-10CP56I</b> AMD IC CPLD 64MC 9.1NS 56CSBGA	<b>XCR3064A-10VQ44C</b> 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 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  
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### Certifications & Memberships



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### Contact us

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