



Image may be representation.  
See specifications for product details.



## XCR3128XL-10VQG100I

Manufacturer Part Number	<b>XCR3128XL-10VQG100I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XCR3128XL-10VQG100I
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 128MC 9.1NS 100VQFP
Package	100-TQFP
Data sheet	<b>XCR3128XL.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XCR3128XL-10VQG100I - AMD.New Original in Stock. Download Linear Technology XCR3128XL-10VQG100I datasheet/specifications on AllelcoElec.com.  
Request a quote for XCR3128XL-10VQG100I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XCR3128XL-10VQG100I Tech Specifications  
XCR3128XL-10VQG100I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	128
Voltage Supply - Internal	2.7V ~ 3.6V	Number of Logic Elements/Blocks	8
Supplier Device Package	100-VQFP (14x14)	Number of I/O	84
Series	CoolRunner XPLA3	Number of Gates	3000
Programmable Type	In System Programmable (min 1K program/erase cycles)	Mounting Type	Surface Mount
Package / Case	100-TQFP	Delay Time tpd(1) Max	9.1 ns
Package	Tray	Base Product Number	XCR3128
Operating Temperature	-40°C ~ 85°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCR3128XL-10VQG100I

Product Attribute				
Part Number	XCR3128XL-10VQG100I	XCR3128XL-6VQ100C	XCR3128XL-10TQG144I	XCR3128XL-10VQ100C
Manufacturer	AMD	Xilinx	AMD	AMD
Supplier Device Package	100-VQFP (14x14)	100-VQFP (14x14)	144-TQFP (20x20)	100-VQFP (14x14)
Number of I/O	84	84	108	84
Delay Time tpd(1) Max	9.1 ns	5.5ns	9.1 ns	9.1 ns
Voltage Supply - Internal	2.7V ~ 3.6V	3 V ~ 3.6 V	2.7V ~ 3.6V	3V ~ 3.6V
Number of Gates	3000	3000	3000	3000
Number of Macrocells	128	128	128	128
Package	Tray	-	Tray	Tray
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)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Blocks	8	8	8	8
Package / Case	100-TQFP	100-TQFP	144-LQFP	100-TQFP
Base Product Number	XCR3128	-	XCR3128	XCR3128
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Series	CoolRunner XPLA3	CoolRunner XPLA3	CoolRunner XPLA3	CoolRunner XPLA3

### XCR3128XL-10VQG100I Datasheet PDF

Download XCR3128XL-10VQG100I pdf datasheets and AMD documentation for XCR3128XL-10VQG100I - AMD.

#### PCN Assembly/Origin

Mult Dev LeadFrame Chg 29/Oct/2018.pdf

#### Environmental Information

Xilinx REACH211 Cert.pdf












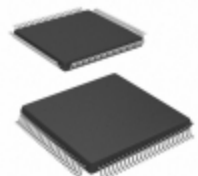
#### HTML Datasheet

XCR3128XL.pdf

### Customers Also Interested in

#### Recommended Products



<b>XCR3128XL-6VQ100C</b> Xilinx IC CPLD 128MC 100VQFP	<b>XCR3128XL-10TQG144I</b> AMD IC CPLD 128MC 9.1NS 144TQFP	<b>XCR3128XL-10VQ100C</b> AMD IC CPLD 128MC 9.1NS 100VQFP	<b>XCR3128XL-10TQG144C</b> AMD IC CPLD 128MC 9.1NS 144TQFP	<b>XCR3128XL-7CS144C</b> AMD IC CPLD 128MC 7NS 144LCSBGA	<b>XCR3128XL-6TQ144C</b> Xilinx IC CPLD 128MC 144TQFP
					
<b>XCR3128XL-10VQ100Q</b> AMD Xilinx	<b>XCR3128XL-10TQ144C</b> AMD IC CPLD 128MC 9.1NS 100TQFP	<b>XCR3128XL-6TQG144C</b> AMD IC CPLD 128MC 5.5NS 144TQFP	<b>XCR3128XL-7VQG100C</b> AMD IC CPLD 128MC 7NS 100VQFP	<b>XCR3128XL-10VQG100C</b> AMD IC CPLD 128MC 9.1NS 100VQFP	<b>XCR3128XL-7CS144I</b> AMD IC CPLD 128MC 7NS 144LCSBGA
					
<b>XCR3128XL-7TQ144C</b> AMD IC CPLD 128MC 7NS 100TQFP	<b>XCR3128XL-7VQ100I</b> AMD IC CPLD 128MC 7NS 100VQFP	<b>XCR3128XL-10CSG144I</b> AMD IC CPLD 128MC 9.1NS 144LCSBGA	<b>XCR3128XL-10TQ144I</b> AMD IC CPLD 128MC 9.1NS 100TQFP	<b>XCR3128XL-7TQG144C</b> AMD IC CPLD 128MC 7NS 144TQFP	<b>XCR3128XL-10VQ100I</b> AMD IC CPLD 128MC 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



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