

Image may be representation.
See specifications for product details.



XCR3256XL-7TQG144C

Manufacturer Part Number	XCR3256XL-7TQG144C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCR3256XL-7TQG144C
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 256MC 7NS 144TQFP
Package	144-LQFP
Data sheet	XCR3256XL.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XCR3256XL-7TQG144C - AMD.New Original in Stock. Download Linear Technology XCR3256XL-7TQG144C datasheet/specifications on AllelcoElec.com.
Request a quote for XCR3256XL-7TQG144C, please send us email: info@allelco.com

Specifications

XCR3256XL-7TQG144C Tech Specifications
XCR3256XL-7TQG144C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	256
Voltage Supply - Internal	3V ~ 3.6V	Number of Logic Elements/Blocks	16
Supplier Device Package	144-TQFP (20x20)	Number of I/O	120
Series	CoolRunner XPLA3	Number of Gates	6000
Programmable Type	In System Programmable (min 1K program/erase cycles)	Mounting Type	Surface Mount
Package / Case	144-LQFP	Delay Time tpd(1) Max	7 ns
Package	Tray	Base Product Number	XCR3256
Operating Temperature	0°C ~ 70°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCR3256XL-7TQG144C

Product Attribute				
Part Number	XCR3256XL-7TQG144C	XCR3256XL-12TQ144I	XCR3256XL-7PQG208C	XCR3384XL-10TQG144I
Manufacturer	AMD	AMD	AMD	AMD
Delay Time tpd(1) Max	7 ns	10.8 ns	7 ns	9 ns
Base Product Number	XCR3256	XCR3256	XCR3256	XCR3384
Number of Gates	6000	6000	6000	9000
Number of I/O	120	120	164	118
Series	CoolRunner XPLA3	CoolRunner XPLA3	CoolRunner XPLA3	CoolRunner XPLA3
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	144-TQFP (20x20)	144-TQFP (20x20)	208-PQFP (28x28)	144-TQFP (20x20)
Voltage Supply - Internal	3V ~ 3.6V	2.7V ~ 3.6V	3V ~ 3.6V	2.7V ~ 3.6V
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Number of Logic Elements/Blocks	16	16	16	24
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)
Package	Tray	Bulk	Tray	Tray
Package / Case	144-LQFP	144-LQFP	208-BFQFP	144-LQFP
Number of Macrocells	256	256	256	384

XCR3256XL-7TQG144C Datasheet PDF

Download XCR3256XL-7TQG144C pdf datasheets and AMD documentation for XCR3256XL-7TQG144C - AMD.

PCN Assembly/Origin

2.73KHz.pdf

Environmental Information

Xilinx REACH211 Cert.pdf

HTML Datasheet

XCR3256XL.pdf

Customers Also Interested in

Recommended Products



XCR3256XL-12TQ144I AMD IC CPLD 256MC 10.8NS 144TQFP	XCR3256XL-7PQG208C AMD IC CPLD 256MC 7NS 208QFP	XCR3384XL-10TQG144I AMD IC CPLD 384MC 9NS 144TQFP	XCR3384XL-10FTG256I AMD IC CPLD 384MC 9NS 256FTBGA	XCR3256XL-7FTG256C AMD IC CPLD 256MC 7NS 256FTBGA	XCR3384XL-10FT256I AMD IC CPLD 384MC 9NS 256FTBGA
					
XCR3384XL-12TQG144C AMD IC CPLD 384MC 10.8NS 144TQFP	XCR3384XL-10TQ144I AMD IC CPLD 384MC 9NS 100TQFP	XCR3256XL-12TQG144C AMD IC CPLD 256MC 10.8NS 144TQFP	XCR3256XL-7TQ144C AMD IC CPLD 256MC 7NS 144TQFP	XCR3384XL-10PQ208I AMD IC CPLD 384MC 9NS 208QFP	XCR3384XL-10FT256C Xilinx Inc. IC CPLD 384MC 9NS 256FTBGA
					
XCR3256XL-12PQG208C AMD IC CPLD 256MC 10.8NS 208QFP	XCR3384XL-10TQ144C Xilinx IC CPLD 384MC 9NS 144QFP	XCR3256XL-12TQ144C AMD IC CPLD 256MC 10.8NS 144TQFP	XCR3256XL-12TQG144I AMD IC CPLD 256MC 10.8NS 144TQFP	XCR3384XL-12PQ208I AMD IC CPLD 384MC 10.8NS 208QFP	XCR3256XL-12PQ208I AMD IC CPLD 256MC 10.8NS 208QFP

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

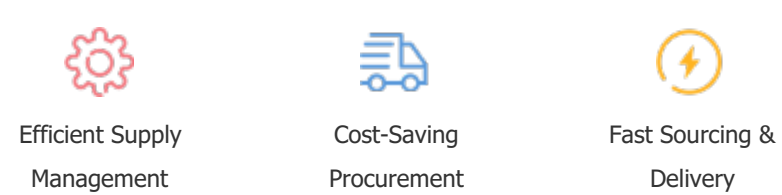
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)