



XCR3512XL-10PQG208I

Manufacturer Part Number	XCR3512XL-10PQG208I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCR3512XL-10PQG208I
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 512MC 9NS 208QFP
Package	208-BFQFP
Data sheet	XCR3512XL.pdf
RoHS Status	ROHS3 Compliant



Get a Quote

XCR3512XL-10PQG208I - AMD.New Original in Stock. Download Linear Technology XCR3512XL-10PQG208I datasheet/specifications on AllelcoElec.com.

Request a quote for XCR3512XL-10PQG208I, please send us email: info@allelco.com

Specifications

XCR3512XL-10PQG208I Tech Specifications

XCR3512XL-10PQG208I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	512
Voltage Supply - Internal	2.7V ~ 3.6V	Number of Logic Elements/Blocks	32
Supplier Device Package	208-PQFP (28x28)	Number of I/O	180
Series	CoolRunner XPLA3	Number of Gates	12000
Programmable Type	In System Programmable (min 1K program/erase cycles)	Mounting Type	Surface Mount
Package / Case	208-BFQFP	Delay Time tpd(1) Max	9 ns
Package	Tray	Base Product Number	XCR3512
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCR3512XL-10PQG208I

Product Attribute	NO PICTURE			
Part Number	XCR3512XL-10PQG208I	XCR3512XL-10PQG208I	XCR3384XL-10TQG144I	XCR3512XL-10FT256C
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Series	CoolRunner XPLA3	CoolRunner XPLA3	CoolRunner XPLA3	CoolRunner XPLA3
Number of Gates	12000	12000	9000	12000
Package	Tray	Bulk	Tray	Bulk
Number of I/O	180	180	118	212
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)
Delay Time tpd(1) Max	9 ns	9 ns	9 ns	9 ns
Supplier Device Package	208-PQFP (28x28)	208-PQFP (28x28)	144-TQFP (20x20)	256-FTBGA (17x17)
Number of Macrocells	512	512	384	512
Package / Case	208-BFQFP	208-BFQFP	144-LQFP	256-LBGA
Base Product Number	XCR3512	XCR3512	XCR3384	XCR3512
Voltage Supply - Internal	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	3V ~ 3.6V
Number of Logic Elements/Blocks	32	32	24	32

XCR3512XL-10PQG208I Datasheet PDF

Download XCR3512XL-10PQG208I pdf datasheets and AMD documentation for XCR3512XL-10PQG208I - AMD.

PCN Assembly/Origin

Mult Dev LeadFrame Chg 29/Oct/2018.pdf

Environmental Information

Xilinx REACH211 Cert.pdf

PCN Obsolescence/ EOL

Mult Dev EOL 17/May/2021.pdf

HTML Datasheet

XCR3512XL.pdf

Customers Also Interested in

Recommended Products



XCR3512XL-12PQ208
AMD Xilinx

XCR3512XL-10PQ208I
AMD
IC CPLD 512MC 9NS 208QFP

XCR3384XL-10TQG144I
AMD
IC CPLD 384MC 9NS 144TQFP

XCR3512XL-10FT256C
AMD
IC CPLD 512MC 9NS 256FTBGA

XCR3512XL-10PQ208C
AMD
IC CPLD 512MC 9NS 208QFP

XCR3384XL-12TQG144C
AMD
IC CPLD 384MC 10.8NS 144TQFP



XCR3512XL-10FT256I
AMD
IC CPLD 512MC 9NS 256FTBGA

XCR3512XL-12FG324C
AMD
IC CPLD 512MC 10.8NS 324FBGA

XCR3512XL-12PQ208I
AMD
IC CPLD 512MC 10.8NS 208QFP

XCR3512XL-12PQG208I
AMD
IC CPLD 512MC 10.8NS 208QFP

XCR3512XL-12PQ208Q
AMD Xilinx

XCR3384XL-12PQ208I
AMD
IC CPLD 384MC 10.8NS 208QFP



XCR3512XL-7PQ208C
AMD
IC CPLD 512MC 7NS 208QFP

XCR3384XL-7TQ144C
Xilinx Inc.
IC CPLD 384MC 7NS 144QFP

XCR3512XL-12FT256I
AMD
IC CPLD 512MC 10.8NS 256FTBGA

XCR338XL-10TQG-144I
AMD Xilinx

XCR3512XL-12PQG208C
AMD
IC CPLD 512MC 10.8NS 208QFP

XCR3512XL-12FTG256I
AMD
IC CPLD 512MC 10.8NS 256FTBGA

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.

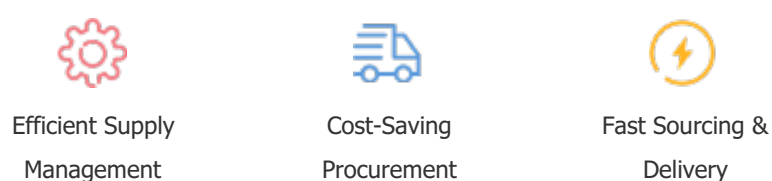
Payment Support

The payment method can be chosen from the methods shown below:

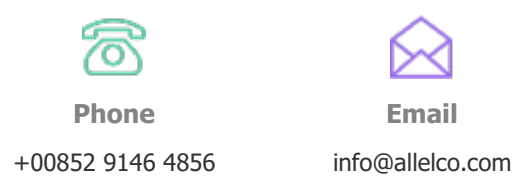
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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info@allelco.com

Certifications & Memberships



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