




XCR3512XL-10FT256C

Manufacturer Part Number	XCR3512XL-10FT256C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCR3512XL-10FT256C
ECAD Model	 Request Free CAD Models
Parts Description	IC CPLD 512MC 9NS 256FTBGA
Package	256-LBGA
Data sheet	XCR3512XL.pdf



Get a Quote

XCR3512XL-10FT256C - AMD.New Original in Stock. Download Linear Technology XCR3512XL-10FT256C datasheet/specifications on AllelcoElec.com.
Request a quote for XCR3512XL-10FT256C, please send us email: info@allelco.com





Specifications

XCR3512XL-10FT256C Tech Specifications
XCR3512XL-10FT256C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	512
Voltage Supply - Internal	3V ~ 3.6V	Number of Logic Elements/Blocks	32
Supplier Device Package	256-FTBGA (17x17)	Number of I/O	212
Series	CoolRunner XPLA3	Number of Gates	12000
Programmable Type	In System Programmable (min 1K program/erase cycles)	Mounting Type	Surface Mount
Package / Case	256-LBGA	Delay Time tpd(1) Max	9 ns
Package	Bulk	Base Product Number	XCR3512
Operating Temperature	0°C ~ 70°C (TA)		

Parts with Similar Specifications


The three parts on the right have similar specifications to AMD XCR3512XL-10FT256C

Product Attribute	 NO PICTURE			
Part Number	XCR3512XL-10FT256C	XCR3512XL-12FG324C	XCR3512XL-12FT256I	XCR3512XL-10PQ208C
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Delay Time tpd(1) Max	9 ns	-	10.8 ns	9 ns
Package / Case	256-LBGA	-	256-LBGA	208-BFQFP
Number of Logic Elements/Blocks	32	-	32	32
Number of Macrocells	512	-	512	512
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)
Base Product Number	XCR3512	-	XCR3512	XCR3512
Operating Temperature	0°C ~ 70°C (TA)	-	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Number of I/O	212	-	212	180
Voltage Supply - Internal	3V ~ 3.6V	-	2.7V ~ 3.6V	3V ~ 3.6V
Number of Gates	12000	-	12000	12000
Series	CoolRunner XPLA3	-	CoolRunner XPLA3	CoolRunner XPLA3
Package	Bulk	-	Bulk	Bulk
Supplier Device Package	256-FTBGA (17x17)	-	256-FTBGA (17x17)	208-PQFP (28x28)


XCR3512XL-10FT256C Datasheet PDF

Download XCR3512XL-10FT256C pdf datasheets and AMD documentation for XCR3512XL-10FT256C - AMD.

Environmental Information







 [Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

 [XCR3512XL.pdf](#)

Customers Also Interested in

Recommended Products

					
XCR3512XL-12PQ208	XCR3512XL-12FG324C	XCR3512XL-12FT256I	XCR3512XL-10PQ208C	XCR3512XL-10PQG208I	XCR3384XL-12TQG144C
AMD Xilinx	AMD IC CPLD 512MC 10.8NS 324FBGA	AMD IC CPLD 512MC 10.8NS 256FTBGA	AMD IC CPLD 512MC 9NS 208QFP	AMD IC CPLD 512MC 9NS 208QFP	AMD IC CPLD 384MC 10.8NS 144TQFP



XCR3512XL-10PQ208I

AMD
IC CPLD 512MC 9NS 208QFP

XCR3384XL-10TQ144I

AMD
IC CPLD 384MC 9NS 100TQFP

XCR3512XL-12FTG256I

AMD
IC CPLD 512MC 10.8NS 256FTBGA

XCR3384XL-10PQ208I

AMD
IC CPLD 384MC 9NS 208QFP

XCR3384XL-10FTG256I

AMD
IC CPLD 384MC 9NS 256FTBGA

XCR338XL-10TQG-144I

AMD Xilinx



XCR3384XL-12PQ208I

AMD
IC CPLD 384MC 10.8NS 208QFP

XCR3512XL-10FT256I

AMD
IC CPLD 512MC 9NS 256FTBGA

XCR3384XL-7TQ144C

Xilinx Inc.
IC CPLD 384MC 7NS 144QFP

XCR3384XL-10TQ144C

Xilinx
IC CPLD 384MC 9NS 144QFP

XCR3512XL-12PQ208I

AMD
IC CPLD 512MC 10.8NS 208QFP

XCR3384XL-10TQG144I

AMD
IC CPLD 384MC 9NS 144TQFP

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

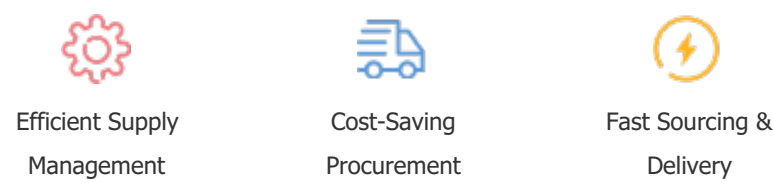
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

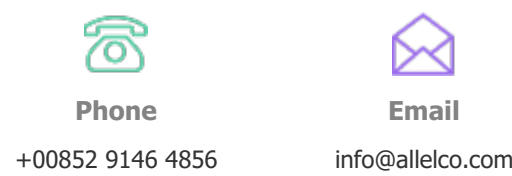
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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