



# XC2C512-10PQG208I

Manufacturer Part Number	<b>XC2C512-10PQG208I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2C512-10PQG208I
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 512MC 9.2NS 208QFP
Package	208-BFQFP
Data sheet	<b>XC2C512 Datasheet.pdf</b>
RoHs Status	ROHS3 Compliant



**Get a Quote**

XC2C512-10PQG208I - AMD.New Original in Stock. Download Linear Technology XC2C512-10PQG208I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2C512-10PQG208I, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

XC2C512-10PQG208I Tech Specifications  
XC2C512-10PQG208I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	512
Voltage Supply - Internal	1.7V ~ 1.9V	Number of Logic Elements/Blocks	32
Supplier Device Package	208-PQFP (28x28)	Number of I/O	173
Series	CoolRunner II	Number of Gates	12000
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	208-BFQFP	Delay Time tpd(1) Max	9.2 ns
Package	Tray	Base Product Number	XC2C512
Operating Temperature	-40°C ~ 85°C (TA)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2C512-10PQG208I

Product Attribute	NO PICTURE			
Part Number	XC2C512-10PQG208I	<b>XC2C512-10FGG324I</b>	<b>XC2C512-7FTG256I</b>	<b>XC2C512-10PQG208C</b>
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Delay Time tpd(1) Max	9.2 ns	9.2 ns	7.1 ns	9.2 ns
Series	CoolRunner II	CoolRunner II	CoolRunner II	CoolRunner II
Package	Tray	Tray	Tray	Tray
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Base Product Number	XC2C512	XC2C512	XC2C512	XC2C512
Number of Logic Elements/Blocks	32	32	32	32
Number of Macrocells	512	512	512	512
Supplier Device Package	208-PQFP (28x28)	324-FBGA (23x23)	256-FTBGA (17x17)	208-PQFP (28x28)
Number of I/O	173	270	212	173
Voltage Supply - Internal	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Number of Gates	12000	12000	12000	12000
Package / Case	208-BFQFP	324-BBGA	256-LBGA	208-BFQFP

## XC2C512-10PQG208I Datasheet PDF

Download XC2C512-10PQG208I pdf datasheets and AMD documentation for XC2C512-10PQG208I - AMD.

### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

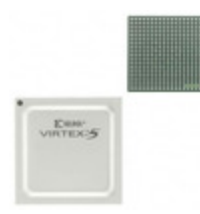
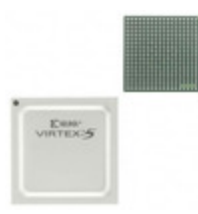
### HTML Datasheet

[XC2C512 Datasheet.pdf](#)

## Customers Also Interested in

### Recommended Products

<b>XC2C512-10FGG324I</b>	<b>XC2C512-7FTG256I</b>	<b>XC2C512-6PQG208I</b>	<b>XC2C512-10PQG208C</b>	<b>XC2C512-7FTG256C</b>	<b>XC2C512-10FG324C</b>
AMD	AMD	Altera (Intel)	AMD	AMD	AMD
IC CPLD 512MC 9.2NS 324FBGA	IC CPLD 512MC 7.1NS 256FTBGA		IC CPLD 512MC 9.2NS 208QFP	IC CPLD 512MC 7.1NS 256FTBGA	IC CPLD 512MC 9.2NS 324FBGA



**XC2C512-7PQG208C**  
AMD  
IC CPLD 512MC 7.1NS 208QFP

**XC2C512-10FTG256C**  
AMD  
IC CPLD 512MC 9.2NS 256FTBGA

**XC2C512-7FGG324C**  
AMD  
IC CPLD 512MC 7.1NS 324FBGA

**XC2C512-10FTG256I**  
AMD  
IC CPLD 512MC 9.2NS 256FTBGA

**XC2C512-10FG324I**  
AMD  
IC CPLD 512MC 9.2NS 324FBGA

**XC2C512-7FG324C**  
AMD  
IC CPLD 512MC 7.1NS 324FBGA



**XC2C512-10FT256C**  
AMD  
IC CPLD 512MC 9.2NS 256FTBGA

**XC2C512-10FT256I**  
AMD  
IC CPLD 512MC 9.2NS 256FTBGA

**XC2C512-10PQ208I**  
AMD  
IC CPLD 512MC 9.2NS 208QFP

**XC2C384-7TQG144C**  
AMD  
IC CPLD 384MC 7.1NS 144TQFP

**XC2C512-7FT256C**  
AMD  
IC CPLD 512MC 7.1NS 256FTBGA

**XC2C512-7FT256I**  
AMD  
IC CPLD 512MC 7.1NS 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

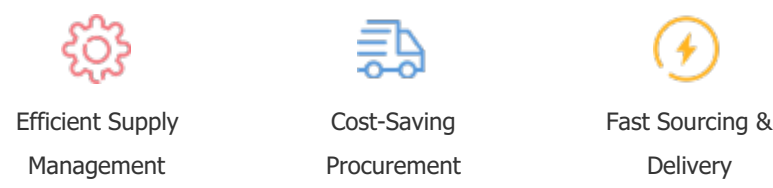
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## 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.



## Certifications & Memberships



[View More](#)



## Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.