




XC2C384-10PQ208C

Manufacturer Part Number	XC2C384-10PQ208C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2C384-10PQ208C
ECAD Model	 Request Free CAD Models
Parts Description	IC CPLD 384MC 9.2NS 208QFP
Package	208-BFQFP
Data sheet	XC2C384 Datasheet.pdf



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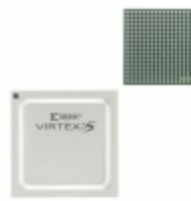
Specifications

XC2C384-10PQ208C Tech Specifications
XC2C384-10PQ208C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	384
Voltage Supply - Internal	1.7V ~ 1.9V	Number of Logic Elements/Blocks	24
Supplier Device Package	208-PQFP (28x28)	Number of I/O	173
Series	CoolRunner II	Number of Gates	9000
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	XC2C384
Operating Temperature	0°C ~ 70°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2C384-10PQ208C

Product Attribute	 NO PICTURE			
Part Number	XC2C384-10PQ208C	XC2C384-10FG324I	XC2C512-10FT256C	XC2C384-10FG324C
Manufacturer	AMD	AMD	AMD	Xilinx Inc.
Voltage Supply - Internal	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	9.2ns
Number of Gates	9000	9000	12000	384
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Package / Case	208-BFQFP	324-BBGA	256-LBGA	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	208-PQFP (28x28)	324-FBGA (23x23)	256-FTBGA (17x17)	-
Base Product Number	XC2C384	XC2C384	XC2C512	-
Number of Macrocells	384	384	512	24
Number of I/O	173	240	212	9000
Package	Tray	Tray	Tray	-
Number of Logic Elements/Blocks	24	24	32	1.7 V ~ 1.9 V
Delay Time tpd(1) Max	9.2 ns	9.2 ns	9.2 ns	-
Programmable Type	In System Programmable	In System Programmable	In System Programmable	-
Series	CoolRunner II	CoolRunner II	CoolRunner II	CoolRunner II


XC2C384-10PQ208C Datasheet PDF

Download XC2C384-10PQ208C pdf datasheets and AMD documentation for XC2C384-10PQ208C - AMD.

PCN Assembly/Origin

 [Mult Dev LeadFrame Chg 29/Oct/2018.pdf](#)


Environmental Information

 [Xilinx REACH211 Cert.pdf](#)


Design Resources

 [CoolRunner-II CPLD Designer Guide.pdf](#)

PCN Obsolescence/ EOL







 [Mult Dev EOL 17/May/2021.pdf](#)

HTML Datasheet

 [XC2C384 Datasheet.pdf](#)

Customers Also Interested in

Recommended Products

					
XC2C384-10FG324I	XC2C512-10FT256C	XC2C384-10FG324C	XC2C512-10FG324I	XC2C384-10FGG324I	XC2C512-10FG324C
AMD IC CPLD 384MC 9.2NS 324FBGA	AMD IC CPLD 512MC 9.2NS 256FTBGA	Xilinx Inc. IC CPLD 384MC 9.2NS 324FBGA	AMD IC CPLD 512MC 9.2NS 324FBGA	AMD IC CPLD 384MC 9.2NS 324FBGA	AMD IC CPLD 512MC 9.2NS 324FBGA
					
XC2C384-10TQG144I	XC2C384-10TQG144C	XC2C384-7FT256C	XC2C384-10FTG256I	XC2C512-10FGG324I	XC2C384-10FTG256C
AMD IC CPLD 384MC 9.2NS 144TQFP	AMD IC CPLD 384MC 9.2NS 144TQFP	AMD IC CPLD 384MC 7.1NS 256FTBGA	AMD IC CPLD 384MC 9.2NS 256FTBGA	AMD IC CPLD 512MC 9.2NS 324FBGA	AMD IC CPLD 384MC 9.2NS 256FTBGA
					
XC2C384-10FT256C	XC2C384-7FTG256C	XC2C384-10FT256I	XC2C384-10TQG144I	XC2C384-10FGG324C	XC2C384-7TQG144C
AMD IC CPLD 384MC 9.2NS 256FTBGA	AMD IC CPLD 384MC 7.1NS 256FTBGA	AMD IC CPLD 384MC 9.2NS 256FTBGA	AMD IC CPLD 384MC 9.2NS 100TQFP	AMD IC CPLD 384MC 9.2NS 324FBGA	AMD IC CPLD 384MC 7.1NS 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 -

-  Efficient Supply Management
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-  Fast Sourcing & Delivery

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