

Image may be representation.
See specifications for product details.



XC2C128-7VQ100I

Manufacturer Part Number	XC2C128-7VQ100I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2C128-7VQ100I
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 128MC 7NS 100VQFP
Package	100-TQFP
Data sheet	XC2C128-7VQ100I.pdf

Get a Quote

XC2C128-7VQ100I - AMD.New Original in Stock. Download Linear Technology XC2C128-7VQ100I datasheet/specifications on AllelcoElec.com.
Request a quote for XC2C128-7VQ100I, please send us email: info@allelco.com

Specifications

XC2C128-7VQ100I Tech Specifications
XC2C128-7VQ100I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	128
Voltage Supply - Internal	1.7V ~ 1.9V	Number of Logic Elements/Blocks	8
Supplier Device Package	100-VQFP (14x14)	Number of I/O	80
Series	CoolRunner II	Number of Gates	3000
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	100-TQFP	Delay Time tpd(1) Max	7 ns
Package	Tray	Base Product Number	XC2C128
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2C128-7VQ100I

Product Attribute				
Part Number	XC2C128-7VQ100I	XC2C128-7CPG132I	XC2C128-7CPG132C	XC2C256-6CPG132C
Manufacturer	AMD	AMD	AMD	AMD
Delay Time tpd(1) Max	7 ns	7 ns	7 ns	5.7 ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage Supply - Internal	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Number of I/O	80	100	100	106
Number of Gates	3000	3000	3000	6000
Base Product Number	XC2C128	XC2C128	XC2C128	XC2C256
Number of Macrocells	128	128	128	256
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Series	CoolRunner II	CoolRunner II	CoolRunner II	CoolRunner II
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Blocks	8	8	8	16
Supplier Device Package	100-VQFP (14x14)	132-CSPBGA (8x8)	132-CSPBGA (8x8)	132-CSPBGA (8x8)
Package / Case	100-TQFP	132-TFBGA, CSPBGA	132-TFBGA, CSPBGA	132-TFBGA, CSPBGA
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)

XC2C128-7VQ100I Datasheet PDF

Download XC2C128-7VQ100I pdf datasheets and AMD documentation for XC2C128-7VQ100I - AMD.

PCN Assembly/Origin

Mult Dev LeadFrame Chg 29/Oct/2018.pdf

Environmental Information

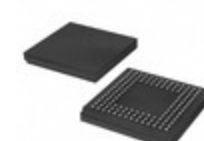
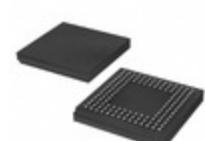
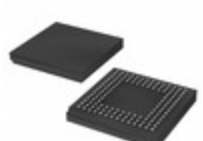
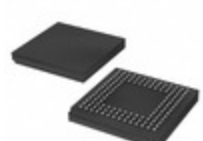
Xilinx REACH211 Cert.pdf

Design Resources

CoolRunner-II CPLD Designer Guide.pdf

Customers Also Interested in

Recommended Products



XC2C128-7CPG132I
AMD
IC CPLD 128MC 7NS 132CSPBGA



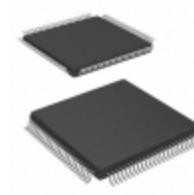
XC2C128-7QP132C
AMD Xilinx



XC2C128-7CPG132C
AMD
IC CPLD 128MC 7NS 132CSPBGA



XC2C256-6CPG132C
AMD
IC CPLD 256MC 5.7NS 132CSPBGA



XC2C256-6CP132C
Xilinx
IC CPLD 256MC 5.7NS 132BGA



XC2C128-7CP132I
AMD
IC CPLD 128MC 7NS 132CSPBGA



XC2C256-6FTG256C
AMD
IC CPLD 256MC 5.7NS 256FTBGA



XC2C128-7TQ144I
AMD
IC CPLD 128MC 7NS 100TQFP



XC2C256-6PQG208C
AMD
IC CPLD 256MC 5.7NS 208QFP



XC2C128-7VQG100I
AMD
IC CPLD 128MC 7NS 100VQFP



XC2C128C6-BMS
AMD Xilinx



XC2C128-7TQ144C
AMD
IC CPLD 128MC 7NS 100TQFP



XC2C128-7TQG144I
AMD
IC CPLD 128MC 7NS 144TQFP

XC2C128-7VQG100C
AMD
IC CPLD 128MC 7NS 100VQFP

XC2C256-6TQ144C
AMD
IC CPLD 256MC 5.7NS 100TQFP

XC2C128-7VQ100C
AMD
IC CPLD 128MC 7NS 100VQFP

XC2C256-6FT256C
AMD
IC CPLD 256MC 5.7NS 256FTBGA

XC2C128-7TQG144C
AMD
IC CPLD 128MC 7NS 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



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone
+00852 9146 4856



Email
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Certifications & Memberships



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