



Image may be representation.
See specifications for product details.



XC2C64A-7VQG100I

Manufacturer Part Number	XC2C64A-7VQG100I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2C64A-7VQG100I
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 64MC 6.7NS 100VQFP
Package	100-TQFP
Data sheet	XC2C64A Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC2C64A-7VQG100I - AMD.New Original in Stock. Download Linear Technology XC2C64A-7VQG100I datasheet/specifications on AllelcoElec.com.
Request a quote for XC2C64A-7VQG100I, please send us email: info@allelco.com

Specifications

XC2C64A-7VQG100I Tech Specifications
XC2C64A-7VQG100I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	64
Voltage Supply - Internal	1.7V ~ 1.9V	Number of Logic Elements/Blocks	4
Supplier Device Package	100-VQFP (14x14)	Number of I/O	64
Series	CoolRunner II	Number of Gates	1500
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	100-TQFP	Delay Time tpd(1) Max	6.7 ns
Package	Tray	Base Product Number	XC2C64
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2C64A-7VQG100I

Product Attribute				
Part Number	XC2C64A-7VQG100I	XC2C64A-7QFG48I	XC2C64A-7VQG100C	XC2C64A-7VQ44C
Manufacturer	AMD	AMD	AMD	AMD
Number of Logic Elements/Blocks	4	4	4	4
Supplier Device Package	100-VQFP (14x14)	48-QFN (7x7)	100-VQFP (14x14)	44-VQFP (10x10)
Number of Macrocells	64	64	64	64
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Series	CoolRunner II	CoolRunner II	CoolRunner II	CoolRunner II
Base Product Number	XC2C64	XC2C64	XC2C64	XC2C64
Number of Gates	1500	1500	1500	1500
Package / Case	100-TQFP	48-VFQFN Exposed Pad	100-TQFP	44-TQFP
Delay Time tpd(1) Max	6.7 ns	6.7 ns	6.7 ns	6.7 ns
Voltage Supply - Internal	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Number of I/O	64	37	64	33

XC2C64A-7VQG100I Datasheet PDF

Download XC2C64A-7VQG100I pdf datasheets and AMD documentation for XC2C64A-7VQG100I - AMD.

PCN Assembly/Origin

Mult Dev LeadFrame Chg 29/Oct/2018.pdf

Environmental Information

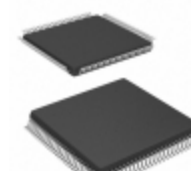
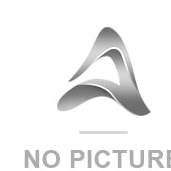
Xilinx REACH211 Cert.pdf

HTML Datasheet

XC2C64A Datasheet.pdf

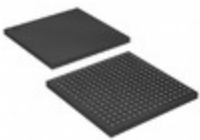
Customers Also Interested in

Recommended Products



XC2S100-5FG256Q

AMD Xilinx

**XC2C64A-7VQ44C**AMD
IC CPLD 64MC 6.7NS 44VQFP**XC2S100-5FG256I**AMD
IC FPGA 176 I/O 256FBGA**XC2C64A-VQG100**

AMD Xilinx

**XC2S100-5FG256**

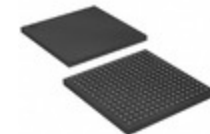
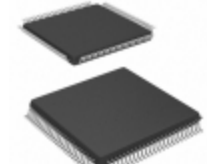
AMD Xilinx

**XC2C64A-7QF48C**

AMD Xilinx

XC2C64A-7QFG48IAMD
IC CPLD 64MC 6.7NS 48QFN**XC2C64A-7QFG48C**AMD
IC CPLD 64MC 6.7NS 48QFN**XC2C64A-7PG56I**

AMD Xilinx

XC2S100-4FGG256C**XC2S100-5FG256C**AMD
IC FPGA 176 I/O 256FBGA**XC2C64A-7VQG44I**AMD
IC CPLD 64MC 6.7NS 44VQFP**XC2S100-4FGG256I****XC2C64A-7VQG44C**AMD
IC CPLD 64MC 6.7NS 44VQFP**XC2C64A-7VQ44I**AMD
IC CPLD 64MC 6.7NS 44VQFP**XC2C64A-7VQ100C**AMD
IC CPLD 64MC 6.7NS 100VQFP**XC2C64A-7VQ100C**AMD
IC CPLD 64MC 6.7NS 100VQFP**XC2C64A-7PCG44I**AMD
FLASH PLD, 7.5NS, 64-CELL PQCC44

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
info@allelco.com

Certifications & Memberships



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