

Image may be representation.
See specifications for product details.

XC2C256-7VQG100C

Manufacturer Part Number **XC2C256-7VQG100C**

Manufacturer **AMD Xilinx**

Allelco Part Number **32D-XC2C256-7VQG100C**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC CPLD 256MC 6.7NS 100VQFP**

Package **100-TQFP**

Data sheet **[XC2C256 Datasheet.pdf](#)**

RoHs Status **ROHS3 Compliant**

Get a Quote



XC2C256-7VQG100C - AMD.New Original in Stock. Download Linear Technology XC2C256-7VQG100C datasheet/specifications on AllelcoElec.com.
Request a quote for XC2C256-7VQG100C, please send us email: info@allelco.com

Specifications

XC2C256-7VQG100C Tech Specifications

XC2C256-7VQG100C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	256
Voltage Supply - Internal	1.7V ~ 1.9V	Number of Logic Elements/Blocks	16
Supplier Device Package	100-VQFP (14x14)	Number of I/O	80
Series	CoolRunner II	Number of Gates	6000
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	XC2C256
Operating Temperature	0°C ~ 70°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2C256-7VQG100C

Product Attribute				
Part Number	XC2C256-7VQG100C	XC2C256-7VQ100I	XC2C256-7TQG144I	XC2C256-7VQG100I
Manufacturer	AMD	AMD	AMD	AMD
Series	CoolRunner II	CoolRunner II	CoolRunner II	CoolRunner II
Number of Gates	6000	6000	6000	6000
Number of Logic Elements/Blocks	16	16	16	16
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
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
Package / Case	100-TQFP	100-TQFP	144-LQFP	100-TQFP
Number of I/O	80	80	118	80
Base Product Number	XC2C256	XC2C256	XC2C256	XC2C256
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Number of Macrocells	256	256	256	256
Package	Tray	Tray	Tray	Tray
Delay Time tpd(1) Max	6.7 ns	6.7 ns	6.7 ns	6.7 ns
Supplier Device Package	100-VQFP (14x14)	100-VQFP (14x14)	144-TQFP (20x20)	100-VQFP (14x14)

XC2C256-7VQG100C Datasheet PDF

Download XC2C256-7VQG100C pdf datasheets and AMD documentation for XC2C256-7VQG100C - AMD.

PCN Assembly/Origin

[2.73KHz.pdf](#)

Environmental Information

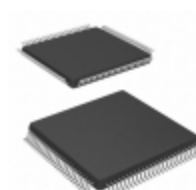
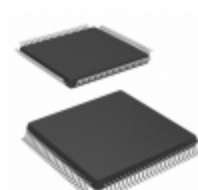
[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

[XC2C256 Datasheet.pdf](#)

Customers Also Interested in

Recommended Products



XC2C256-7VQ100I
AMD
IC CPLD 256MC 6.7NS 100VQFP



XC2C32-3PC44C
AMD Xilinx



XC2C256-7TQG144I
AMD
IC CPLD 256MC 6.7NS 144TQFP



XC2C256-7VQG100I
AMD
IC CPLD 256MC 6.7NS 100VQFP



XC2C256-7VQ100C
AMD
IC CPLD 256MC 6.7NS 100VQFP



XC2C256-7FTG256I
AMD
IC CPLD 256MC 6.7NS 256FTBGA



XC2C256-FTG256CMS
AMD Xilinx



XC2C256-7TQ144C
AMD
IC CPLD 256MC 6.7NS 100TQFP



XC2C32-4VQ44C
AMD Xilinx



XC2C256-7PQG208C
AMD
IC CPLD 256MC 6.7NS 208QFP



XC2C32-6CP56I
AMD Xilinx



XC2C256-7PQG208I
AMD
IC CPLD 256MC 6.7NS 208QFP



XC2C32-6VQ44C
AMD Xilinx

XC2C256-7TQG144C
AMD
IC CPLD 256MC 6.7NS 144TQFP

XC2C32-6CPG56I
AMD Xilinx

XC2C256VQ100
AMD Xilinx

XC2C256-7TQ144I
AMD
IC CPLD 256MC 6.7NS 100TQFP

XC2C256-7TQ144CMS
AMD Xilinx

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.



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Certifications & Memberships



View More



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