





XC2C256-6FTG256C

Manufacturer Part Number	XC2C256-6FTG256C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2C256-6FTG256C
ECAD Model	 Request Free CAD Models
Parts Description	IC CPLD 256MC 5.7NS 256FTBGA
Package	256-LBGA
Data sheet	XC2C256 Datasheet.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

XC2C256-6FTG256C - AMD.New Original in Stock. Download Linear Technology XC2C256-6FTG256C datasheet/specifications on AllelcoElec.com.
Request a quote for XC2C256-6FTG256C, please send us email: info@allelco.com


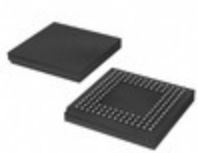
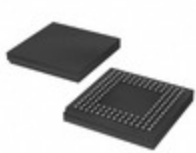

Specifications

XC2C256-6FTG256C Tech Specifications
XC2C256-6FTG256C - 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	256-FTBGA (17x17)	Number of I/O	184
Series	CoolRunner II	Number of Gates	6000
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	256-LBGA	Delay Time tpd(1) Max	5.7 ns
Package	Tray	Base Product Number	XC2C256
Operating Temperature	0°C ~ 70°C (TA)		

Parts with Similar Specifications

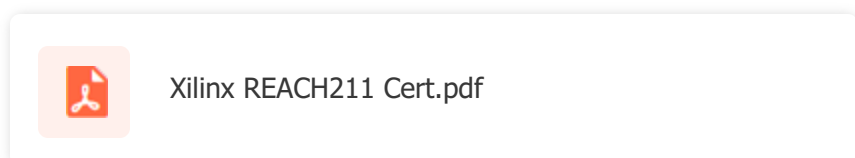
The three parts on the right have similar specifications to AMD XC2C256-6FTG256C

Product Attribute				
Part Number	XC2C256-6FTG256C	XC2C256-7CPG132I	XC2C256-7CP132C	XC2C256-6TQG144C
Manufacturer	AMD	AMD	AMD	AMD
Package / Case	256-LBGA	132-TFBGA, CSPBGA	132-TFBGA, CSPBGA	144-LQFP
Number of Macrocells	256	256	256	256
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XC2C256	XC2C256	XC2C256	XC2C256
Number of Logic Elements/Blocks	16	16	16	16
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Delay Time tpd(1) Max	5.7 ns	6.7 ns	6.7 ns	5.7 ns
Supplier Device Package	256-FTBGA (17x17)	132-CSPBGA (8x8)	132-CSPBGA (8x8)	144-TQFP (20x20)
Number of Gates	6000	6000	6000	6000
Series	CoolRunner II	CoolRunner II	CoolRunner II	CoolRunner II
Voltage Supply - Internal	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Number of I/O	184	106	106	118
Package	Tray	Tray	Tray	Tray

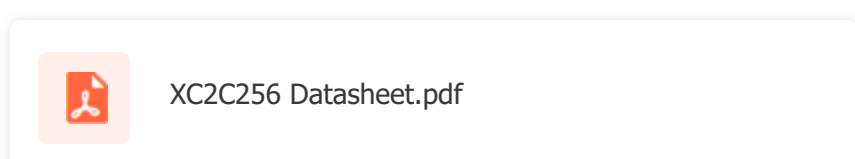
XC2C256-6FTG256C Datasheet PDF

Download XC2C256-6FTG256C pdf datasheets and AMD documentation for XC2C256-6FTG256C - AMD.

Environmental Information

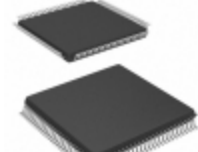
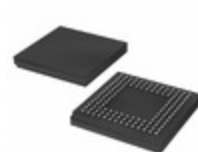
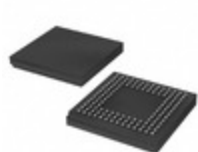
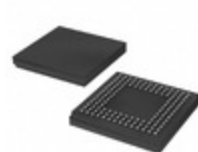


HTML Datasheet



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AMD Xilinx

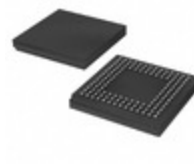
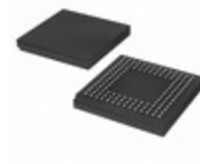
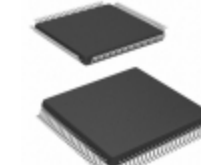
XC2C256-7CPG132I
AMD
IC CPLD 256MC 6.7NS 132CSPBGA

XC2C256-7CP132C
AMD
IC CPLD 256MC 6.7NS 132CSPBGA

XC2C256-6TQG144C
AMD
IC CPLD 256MC 5.7NS 144TQFP

XC2C256-7CP132I
AMD
IC CPLD 256MC 6.7NS 132CSPBGA

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

**XC2C128-7VQ100C**AMD
IC CPLD 128MC 7NS 100VQFP**XC2C128-7VQG100I**AMD
IC CPLD 128MC 7NS 100VQFP**XC2C256-6CPG132C**AMD
IC CPLD 256MC 5.7NS 132CSPBGA**XC2C256-6PQG208C**AMD
IC CPLD 256MC 5.7NS 208QFP**XC2C256-6VQ100C**AMD
IC CPLD 256MC 5.7NS 100VQFP**XC2C256-7CPG132C**AMD
IC CPLD 256MC 6.7NS 132CSPBGA**XC2C256-6CP132C**Xilinx
IC CPLD 256MC 5.7NS 132BGA**XC2C128-7TQG144I**AMD
IC CPLD 128MC 7NS 144TQFP**XC2C256-6TQ144C**AMD
IC CPLD 256MC 5.7NS 100TQFP**XC2C256-6VQG100C**AMD
IC CPLD 256MC 5.7NS 100VQFP**XC2C128-7VQ100I**AMD
IC CPLD 128MC 7NS 100VQFP**XC2C256-6FT256C**AMD
IC CPLD 256MC 5.7NS 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 -



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



View More



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