

Image may be representation.  
See specifications for product details.



## XC2C128-7TQG144I

Manufacturer Part Number	<b>XC2C128-7TQG144I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2C128-7TQG144I
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 128MC 7NS 144TQFP
Package	144-LQFP
Data sheet	XC2C128-7TQG144I.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC2C128-7TQG144I - AMD.New Original in Stock. Download Linear Technology XC2C128-7TQG144I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2C128-7TQG144I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC2C128-7TQG144I Tech Specifications  
XC2C128-7TQG144I - 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	144-TQFP (20x20)	Number of I/O	100
Series	CoolRunner II	Number of Gates	3000
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	144-LQFP	Delay Time tpd(1) Max	7 ns
Package	Tray	Base Product Number	XC2C128
Operating Temperature	-40°C ~ 85°C (TA)		

### Parts with Similar Specifications

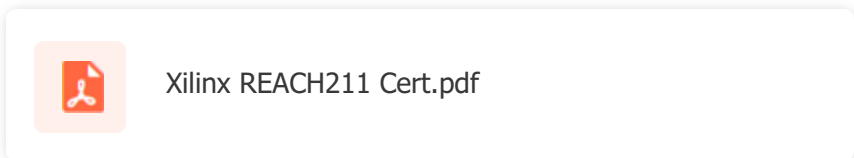
The three parts on the right have similar specifications to AMD XC2C128-7TQG144I

Product Attribute				
Part Number	XC2C128-7TQG144I	XC2C256-6FT256C	XC2C128-7TQG144C	XC2C256-6CP132C
Manufacturer	AMD	AMD	AMD	Xilinx
Package	Tray	Tray	Tray	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	100	184	100	106
Number of Macrocells	128	256	128	256
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Package / Case	144-LQFP	256-LBGA	144-LQFP	132-TFBGA, CSPBGA
Base Product Number	XC2C128	XC2C256	XC2C128	-
Number of Logic Elements/Blocks	8	16	8	16
Supplier Device Package	144-TQFP (20x20)	256-FTBGA (17x17)	144-TQFP (20x20)	132-CSPBGA (8x8)
Series	CoolRunner II	CoolRunner II	CoolRunner II	CoolRunner II
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Number of Gates	3000	6000	3000	6000
Voltage Supply - Internal	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7 V ~ 1.9 V
Delay Time tpd(1) Max	7 ns	5.7 ns	7 ns	5.7ns

### XC2C128-7TQG144I Datasheet PDF

Download XC2C128-7TQG144I pdf datasheets and AMD documentation for XC2C128-7TQG144I - AMD.

### Environmental Information



### Customers Also Interested in

#### Recommended Products



**XC2C128-7QP132C**

AMD Xilinx

**XC2C256-6FT256C**

AMD  
IC CPLD 256MC 5.7NS 256FTBGA

**XC2C128-7TQG144C**

AMD  
IC CPLD 128MC 7NS 144TQFP

**XC2C256-6CP132C**

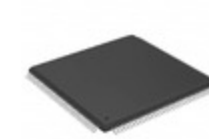
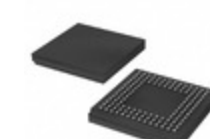
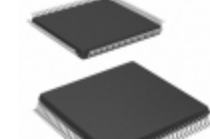
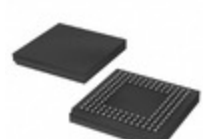
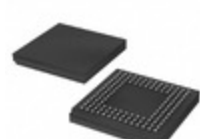
Xilinx  
IC CPLD 256MC 5.7NS 132BGA

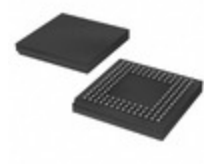
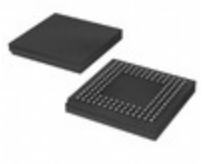
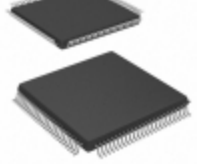



**XC2C256-6FTG256C**

AMD  
IC CPLD 256MC 5.7NS 256FTBGA

**XC2C128-7CP132**

AMD Xilinx



<b>XC2C128C6-BMS</b> AMD Xilinx	<b>XC2C128-7CP132C</b> AMD IC CPLD 128MC 7NS 132CSPBGA	<b>XC2C128-7CP132I</b> AMD IC CPLD 128MC 7NS 132CSPBGA	<b>XC2C128-7VQ100I</b> AMD IC CPLD 128MC 7NS 100VQFP	<b>XC2C128-7CPG132C</b> AMD IC CPLD 128MC 7NS 132CSPBGA	<b>XC2C128-7TQ144I</b> AMD IC CPLD 128MC 7NS 100TQFP
					
<b>XC2C256-6CPG132C</b> AMD IC CPLD 256MC 5.7NS 132CSPBGA	<b>XC2C128-7CPG132I</b> AMD IC CPLD 128MC 7NS 132CSPBGA	<b>XC2C128-7VQ100C</b> AMD IC CPLD 128MC 7NS 100VQFP	<b>XC2C128-7TQ144C</b> AMD IC CPLD 128MC 7NS 100TQFP	<b>XC2C128-7VQG100I</b> AMD IC CPLD 128MC 7NS 100VQFP	<b>XC2C128-7VQG100C</b> AMD IC CPLD 128MC 7NS 100VQFP

## 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.

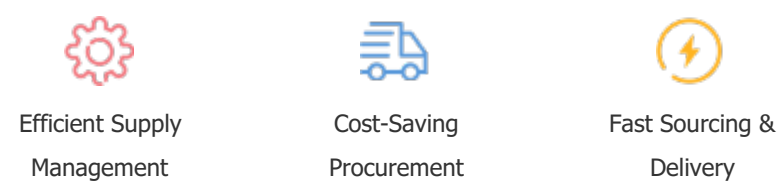
## Payment Support

The payment method can be chosen from the methods shown below:

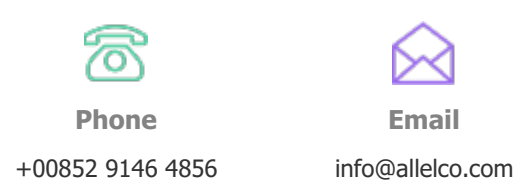
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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