

Image may be representation.  
See specifications for product details.



## XC2C32A-6CP56C

Manufacturer Part Number	<b>XC2C32A-6CP56C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC2C32A-6CP56C
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 32MC 5.5NS 56CSBGA
Package	56-LFBGA, CSPBGA
Data sheet	XC2C32A-6CP56C.pdf

**Get a Quote**

XC2C32A-6CP56C - AMD.New Original in Stock. Download Linear Technology XC2C32A-6CP56C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC2C32A-6CP56C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC2C32A-6CP56C Tech Specifications

XC2C32A-6CP56C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	32
Voltage Supply - Internal	1.7V ~ 1.9V	Number of Logic Elements/Blocks	2
Supplier Device Package	56-CSBGA (6x6)	Number of I/O	33
Series	CoolRunner II	Number of Gates	750
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	56-LFBGA, CSPBGA	Delay Time tpd(1) Max	5.5 ns
Package	Tray	Base Product Number	XC2C32
Operating Temperature	0°C ~ 70°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2C32A-6CP56C

Product Attribute				
Part Number	XC2C32A-6CP56C	XC2C32A-6VQG44C	XC2C32A-4VQG44C	XC2C32A-4CPG56C
Manufacturer	AMD	AMD	AMD	AMD
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Voltage Supply - Internal	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Number of Gates	750	750	750	750
Number of Macrocells	32	32	32	32
Number of Logic Elements/Blocks	2	2	2	2
Supplier Device Package	56-CSBGA (6x6)	44-VQFP (10x10)	44-VQFP (10x10)	56-CSBGA (6x6)
Base Product Number	XC2C32	XC2C32	XC2C32	XC2C32
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	33	33	33	33
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Package / Case	56-LFBGA, CSPBGA	44-TQFP	44-TQFP	56-LFBGA, CSPBGA
Delay Time tpd(1) Max	5.5 ns	5.5 ns	3.8 ns	3.8 ns
Series	CoolRunner II	CoolRunner II	CoolRunner II	CoolRunner II

### XC2C32A-6CP56C Datasheet PDF

Download XC2C32A-6CP56C pdf datasheets and AMD documentation for XC2C32A-6CP56C - AMD.

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### Design Resources

[2.73KHz.pdf](#)

### Customers Also Interested in

#### Recommended Products



**XC2C32A-6VQG44C**  
AMD  
IC CPLD 32MC 5.5NS 44VQFP



**XC2C256VQ100**  
AMD Xilinx



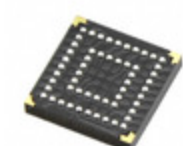
**XC2C32A-4VQG44C**  
AMD  
IC CPLD 32MC 3.8NS 44VQFP



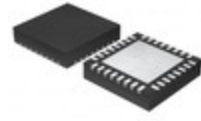
**XC2C32-6CP56I**  
AMD Xilinx



**XC2C32A**  
AMD Xilinx



**XC2C32A-4CPG56C**  
AMD  
IC CPLD 32MC 3.8NS 56CSBGA



**XC2C32-3PC44C**

AMD Xilinx



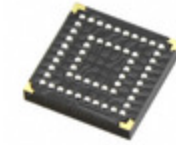
**XC2C32A-6QFG32I**

AMD  
IC CPLD 32MC 5.5NS 32QFN



**XC2C32-4VQ44C**

AMD Xilinx



**XC2C32A-6PC44C**

AMD  
FLASH PLD, 6NS, 32-CELL PQCC44



**XC2C32A-6CPG56C**

AMD  
IC CPLD 32MC 5.5NS 56CSBGA

**XC2C32-6CPG56I**

AMD Xilinx



**XC2C32A-6VQ44C**

Xilinx  
IC CPLD 32MC 5.5NS 44VQFP



**XC2C32-6VQ44C**

AMD Xilinx



**XC2C32A-4QFG32C**

AMD  
IC CPLD 32MC 3.8NS 32QFN



**XC2C32A-6VQ44I**

AMD  
IC CPLD 32MC 5.5NS 44VQFP



**XC2C32A-6CPG56I**

AMD  
IC CPLD 32MC 5.5NS 56CSBGA



**XC2C32A-6QFG32C**

AMD  
IC CPLD 32MC 5.5NS 32QFN

## 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

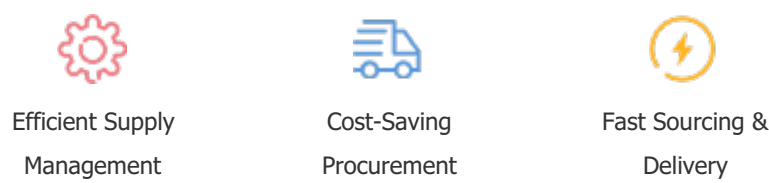
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

## Payment Support

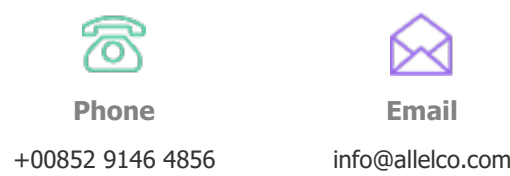
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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Contact us if you have any questions.



## Certifications & Memberships



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