



Image may be representation.  
See specifications for product details.



## XC9536-10VQ44C

Manufacturer Part Number	<b>XC9536-10VQ44C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC9536-10VQ44C
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 36MC 10NS 44VQFP
Package	44-TQFP
Data sheet	<b>XC9536.pdf</b>

**Get a Quote**

XC9536-10VQ44C - AMD.New Original in Stock. Download Linear Technology XC9536-10VQ44C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC9536-10VQ44C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC9536-10VQ44C Tech Specifications  
XC9536-10VQ44C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	36
Voltage Supply - Internal	4.75V ~ 5.25V	Number of Logic Elements/Blocks	2
Supplier Device Package	44-VQFP (10x10)	Number of I/O	34
Series	XC9500	Number of Gates	800
Programmable Type	In System Programmable (min 10K program/erase cycles)	Mounting Type	Surface Mount
Package / Case	44-TQFP	Delay Time tpd(1) Max	10 ns
Package	Tray	Base Product Number	XC9536
Operating Temperature	0°C ~ 70°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC9536-10VQ44C

Product Attribute				
Part Number	XC9536-10VQ44C	XC9536-15PC44I	XC9536-10VQ44I	XC9536-15VQG44C
Manufacturer	AMD	AMD	AMD	AMD
Voltage Supply - Internal	4.75V ~ 5.25V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.75V ~ 5.25V
Number of Gates	800	800	800	800
Series	XC9500	XC9500	XC9500	XC9500
Package	Tray	Tube	Tray	Tray
Programmable Type	In System Programmable (min 10K program/erase cycles)	In System Programmable (min 10K program/erase cycles)	In System Programmable (min 10K program/erase cycles)	In System Programmable (min 10K program/erase cycles)
Delay Time tpd(1) Max	10 ns	15 ns	10 ns	15 ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	44-VQFP (10x10)	44-PLCC (16.59x16.59)	44-VQFP (10x10)	44-VQFP (10x10)
Number of Logic Elements/Blocks	2	2	2	2
Package / Case	44-TQFP	44-LCC (J-Lead)	44-TQFP	44-TQFP
Number of I/O	34	34	34	34
Base Product Number	XC9536	XC9536	XC9536	XC9536
Number of Macrocells	36	36	36	36
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)

### XC9536-10VQ44C Datasheet PDF

Download XC9536-10VQ44C pdf datasheets and AMD documentation for XC9536-10VQ44C - AMD.

#### Environmental Information

Xilinx REACH211 Cert.pdf

#### PCN Obsolescence/ EOL

Spartan, XC9500, CoolRunner 26/Oct/2011.pdf

#### HTML Datasheet

XC9536.pdf

### Customers Also Interested in

#### Recommended Products



**XC9536-15PC44I**  
AMD  
IC CPLD 36MC 15NS 44PLCC

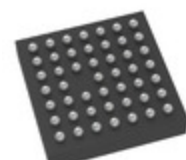
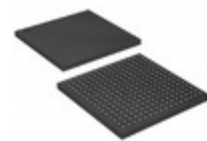
**XC9536-10VQ44I**  
AMD  
IC CPLD 36MC 10NS 44VQFP

**XC9536-15VQG44C**  
AMD  
IC CPLD 36MC 15NS 44VQFP

**XC9536-10VQG44I**  
AMD Xilinx

**XC9536-10VQG44C**  
AMD  
IC CPLD 36MC 10NS 44VQFP

**XC95288XV-7FG256I**  
AMD Xilinx



**XC9536-10PCG44I**  
AMD Xilinx

**XC95288XV-7FG256C**  
AMD  
IC CPLD 288MC 7.5NS 256FBGA

**XC9536-15PC44C**  
AMD  
IC CPLD 36MC 15NS 44PLCC

**XC9536-10CS48C**  
AMD  
IC CPLD 36MC 10NS 48CSBGA

**XC9536-15PCG44C**  
AMD  
IC CPLD 36MC 15NS 44PLCC

**XC9536-10PC44C**  
AMD  
IC CPLD 36MC 10NS 44PLCC



**XC9536**  
AMD Xilinx

**XC95288XV-FG256AMP**  
AMD Xilinx

**XC9536-15VQ44I**  
AMD  
IC CPLD 36MC 15NS 44VQFP

**XC9536-10PCG44C**  
AMD  
IC CPLD 36MC 10NS 44PLCC

**XC9536-15VQ44C**  
AMD  
IC CPLD 36MC 15NS 44VQFP

**XC9536-10PC44I**  
AMD  
IC CPLD 36MC 10NS 44PLCC

## 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](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com