

Image may be representation.  
See specifications for product details.



## XC9536XL-5CSG48C

Manufacturer Part Number	<b>XC9536XL-5CSG48C</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC9536XL-5CSG48C
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 36MC 5NS 48CSBGA
Package	48-FBGA, CSPBGA
Data sheet	<b>XC9536XL Datasheet.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC9536XL-5CSG48C - AMD.New Original in Stock. Download Linear Technology XC9536XL-5CSG48C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC9536XL-5CSG48C, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC9536XL-5CSG48C Tech Specifications  
XC9536XL-5CSG48C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Number of Macrocells	36
Voltage Supply - Internal	3V ~ 3.6V	Number of Logic Elements/Blocks	2
Supplier Device Package	48-CSBGA (7x7)	Number of I/O	36
Series	XC9500XL	Number of Gates	800
Programmable Type	In System Programmable (min 10K program/erase cycles)	Mounting Type	Surface Mount
Package / Case	48-FBGA, CSPBGA	Delay Time tpd(1) Max	5 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 XC9536XL-5CSG48C

Product Attribute				
Part Number	XC9536XL-5CSG48C	XC9536XL-7CS48C	XC9536XL-5VQG64C	XC9536XL-10VQG64I
Manufacturer	AMD	AMD	AMD	AMD
Delay Time tpd(1) Max	5 ns	7.5 ns	5 ns	10 ns
Package / Case	48-FBGA, CSPBGA	48-FBGA, CSPBGA	64-TQFP	64-TQFP
Number of Gates	800	800	800	800
Number of I/O	36	36	36	36
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	XC9500XL	XC9500XL	XC9500XL	XC9500XL
Number of Macrocells	36	36	36	36
Base Product Number	XC9536	XC9536	XC9536	XC9536
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Number of Logic Elements/Blocks	2	2	2	2
Package	Tray	Tray	Tray	Tray
Supplier Device Package	48-CSBGA (7x7)	48-CSBGA (7x7)	64-VQFP (10x10)	64-VQFP (10x10)
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)
Voltage Supply - Internal	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V

### XC9536XL-5CSG48C Datasheet PDF

Download XC9536XL-5CSG48C pdf datasheets and AMD documentation for XC9536XL-5CSG48C - AMD.

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### HTML Datasheet

[XC9536XL Datasheet.pdf](#)

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#### Recommended Products



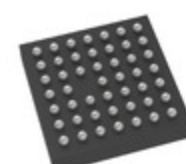
**XC9536XL-10VQG64DMN**  
AMD Xilinx



**XC9536XL-10VQG64**  
AMD Xilinx



**XC9536XL-10VQG64C0962**  
AMD Xilinx



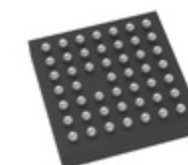
**XC9536XL-7CS48C**  
AMD  
IC CPLD 36MC 7.5NS 48CSBGA



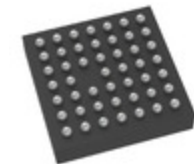
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**XC9536XL-5VQG64C**  
AMD  
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**XC9536XL-10VQG64I**AMD  
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**XC9536XL-5PC44C**AMD  
IC CPLD 36MC 5NS 44PLCC**XC9536XL-5CS48C**AMD  
IC CPLD 36MC 5NS 48CSBGA**XC9536XL-5VQG44C**AMD  
IC CPLD 36MC 5NS 44VQFP**XC9536XL-10VQG64C**AMD  
IC CPLD 36MC 10NS 64VQFP**XC9536XL-7PC44C**AMD  
IC CPLD 36MC 7.5NS 44PLCC**XC9536XL-5PC44C.**

AMD Xilinx

**XC9536XL-7CSG48I**AMD  
IC CPLD 36MC 7.5NS 48CSBGA**XC9536XL-5VQ44C**AMD  
IC CPLD 36MC 5NS 44VQFP**XC9536XL-5PCG44C**AMD  
IC CPLD 36MC 5NS 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.

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- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

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