



# XC3090A-7PQ160C

Manufacturer Part Number **XC3090A-7PQ160C**

Manufacturer **AMD Xilinx**

Allelco Part Number **32D-XC3090A-7PQ160C**

ECAD Model  Request Free CAD Models

Parts Description **IC FPGA 138 I/O 160QFP**

Package **160-BQFP**

Data sheet **XC3000A/L XC3100A/L Series.pdf**



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XC3090A-7PQ160C - AMD.New Original in Stock. Download Linear Technology XC3090A-7PQ160C datasheet/specifications on AllelcoElec.com.  
Request a quote for XC3090A-7PQ160C, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications





XC3090A-7PQ160C Tech Specifications

XC3090A-7PQ160C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	4.75V ~ 5.25V	Number of LABs/CLBs	320
Total RAM Bits	64160	Number of I/O	138
Supplier Device Package	160-PQFP (28x28)	Number of Gates	6000
Series	XC3000A/L	Mounting Type	Surface Mount
Package / Case	160-BQFP	Base Product Number	XC3090
Package	Tray		

## Parts with Similar Specifications


The three parts on the right have similar specifications to AMD XC3090A-7PQ160C

Product Attribute				
Part Number	XC3090A-7PQ160C	XC3090A-7TQ176C	XC3090L-8PC84C	XC3090A-7PC84C
Manufacturer	AMD	AMD	AMD	AMD
Package / Case	160-BQFP	176-LQFP	84-LCC (J-Lead)	84-LCC (J-Lead)
Package	Tray	Tray	Tray	Tray
Number of I/O	138	144	70	70
Base Product Number	XC3090	XC3090	XC3090	XC3090
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	XC3000A/L	XC3000A/L	XC3000A/L	XC3000A/L
Supplier Device Package	160-PQFP (28x28)	176-TQFP (24x24)	84-PLCC (29.31x29.31)	84-PLCC (29.31x29.31)
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	3V ~ 3.6V	4.75V ~ 5.25V
Number of Gates	6000	6000	6000	6000
Total RAM Bits	64160	64160	64160	64160
Number of LABs/CLBs	320	320	320	320


## XC3090A-7PQ160C Datasheet PDF

Download XC3090A-7PQ160C pdf datasheets and AMD documentation for XC3090A-7PQ160C - AMD.


### Datasheets

 [XC3000A/L XC3100A/L Series.pdf](#)

### Environmental Information

 [Xilinx REACH211 Cert.pdf](#)

### PCN Obsolescence/ EOL

 [XC3000,4000XL,5206,Virtex, Spartan, XQ 27/Apr/2010.pdf](#)

## Customers Also Interested in

### Recommended Products



**XC3090A-7PG175I**  
AMD Xilinx



**XC3090A-6PQG160I**  
AMD Xilinx



**XC3090A-7PP175I**  
AMD Xilinx



**XC3090A-7**  
AMD Xilinx



**XC3090A-7TQ176C**  
AMD  
IC FPGA 144 I/O 176TQFP



**XC3090A-6PQ160C**  
AMD Xilinx



**XC3090L-8PC84C**  
AMD  
IC FPGA 70 I/O 84PLCC

**XC3090PP175BTL9709**  
AMD Xilinx

**XC3090TM-100PC84C**  
AMD Xilinx

**XC3090PQ160BKJ**  
AMD Xilinx

**XC3090A-6PC84C**  
AMD Xilinx

**XC3090A-7PC84C**  
AMD  
IC FPGA 70 I/O 84PLCC



**XC3090LPC84BKJ**  
AMD Xilinx

**XC3090A-7PQ160I**  
AMD Xilinx

**XC3090A-7PQ208C**  
AMD Xilinx

**XC3090A-7PC84I**  
AMD Xilinx

**XC3090A-6PQG160C**  
AMD Xilinx

**XC3090A-7PG175C**  
AMD Xilinx

## 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.

Phone  
+00852 9146 4856  
 Email  
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### Certifications & Memberships



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### 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

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