

Image may be representation.  
See specifications for product details.



## XC7S25-1CSGA225Q

Manufacturer Part Number	<b>XC7S25-1CSGA225Q</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC7S25-1CSGA225Q
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 150 I/O 225CSBGA
Package	225-LFBGA, CSPBGA
Data sheet	XC7S25-1CSGA225Q.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XC7S25-1CSGA225Q - AMD.New Original in Stock. Download Linear Technology XC7S25-1CSGA225Q datasheet/specifications on AllelcoElec.com.  
Request a quote for XC7S25-1CSGA225Q, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC7S25-1CSGA225Q Tech Specifications  
XC7S25-1CSGA225Q - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Package	Tray
Voltage - Supply	0.95V ~ 1.05V	Operating Temperature	-40°C ~ 125°C (TJ)
Total RAM Bits	1658880	Number of Logic Elements/Cells	23360
Supplier Device Package	225-CSPBGA (13x13)	Number of I/O	150
Series	Spartan®-7	Mounting Type	Surface Mount
Package / Case	225-LFBGA, CSPBGA	Base Product Number	XC7S25

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7S25-1CSGA225Q

Product Attribute				
Part Number	XC7S25-1CSGA225Q	<b>XC7S15-2CPGA196C</b>	<b>XC7S25-1CSGA324Q</b>	<b>XC7S15-2CSGA225I</b>
Manufacturer	AMD	AMD	AMD	AMD
Total RAM Bits	1658880	368640	1658880	368640
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	23360	12800	23360	12800
Supplier Device Package	225-CSPBGA (13x13)	196-CSPBGA (8x8)	324-CSGA (15x15)	225-CSPBGA (13x13)
Number of I/O	150	100	150	100
Voltage - Supply	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V	0.95V ~ 1.05V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XC7S25	XC7S15	XC7S25	XC7S15
Package / Case	225-LFBGA, CSPBGA	196-TFBGA, CSBGA	324-LFBGA, CSPBGA	225-LFBGA, CSPBGA
Series	Spartan®-7	Spartan®-7	Spartan®-7	Spartan®-7
Operating Temperature	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)

### XC7S25-1CSGA225Q Datasheet PDF

Download XC7S25-1CSGA225Q pdf datasheets and AMD documentation for XC7S25-1CSGA225Q - AMD.

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>XC7S15-2CPGA196C</b> AMD IC FPGA 100 I/O 196CSBGA	<b>XC7S25-1CSGA324Q</b> AMD IC FPGA 150 I/O 324CSGA	<b>XC7S15-2CSGA225I</b> AMD IC FPGA 100 I/O 225CSBGA	<b>XC7S15-2FTGB196I</b> AMD IC FPGA 100 I/O 196CSBGA	<b>XC7S25-2CSGA225I</b> AMD IC FPGA 150 I/O 225CSGA	<b>XC7S25-1CSGA225I</b> AMD IC FPGA 150 I/O 225CSGA
<b>XC7S25-1CSGA225C</b> AMD IC FPGA 150 I/O 225CSGA	<b>XC7S25-2CSGA225C</b> AMD IC FPGA 150 I/O 225CSGA	<b>XC7S25-L1CSGA225I</b> AMD IC FPGA 150 I/O 225CSGA	<b>XC7S15-2CPGA196I</b> AMD IC FPGA 100 I/O 196CSBGA	<b>XC7S15-L1CSGA225I</b> AMD IC FPGA 100 I/O 225CSBGA	<b>XC7S25-1FTGB196I</b> AMD IC FPGA 100 I/O 196CSBGA

**XC7S15-L1FTGB196I**  
AMD  
IC FPGA 100 I/O 196CSBGA

**XC7S25-1CSGA324I**  
AMD  
IC FPGA 150 I/O 324CSGA

**XC7S25-1CSGA324C**  
AMD  
IC FPGA 150 I/O 324CSGA

**XC7S15-2CSGA225C**  
AMD  
IC FPGA 100 I/O 225CSBGA

**XC7S15-2FTGB196C**  
AMD  
IC FPGA 100 I/O 196CSBGA

**XC7S25-2CSGA324I**  
AMD  
IC FPGA 150 I/O 324CSGA

## 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.

  
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### Certifications & Memberships



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