

Image may be representation.  
See specifications for product details.



## XA6SLX25-2CSG324Q

Manufacturer Part Number	<b>XA6SLX25-2CSG324Q</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XA6SLX25-2CSG324Q
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 226 I/O 324CSBGA
Package	324-LFBGA, CSPBGA
Data sheet	<b>XA Spartan-6 Overview.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

XA6SLX25-2CSG324Q - AMD.New Original in Stock. Download Linear Technology XA6SLX25-2CSG324Q datasheet/specifications on AllelcoElec.com.  
Request a quote for XA6SLX25-2CSG324Q, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XA6SLX25-2CSG324Q Tech Specifications  
XA6SLX25-2CSG324Q - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Supply	1.14V ~ 1.26V	Number of Logic Elements/Cells	24051
Total RAM Bits	958464	Number of LABs/CLBs	1879
Supplier Device Package	324-CSPBGA (15x15)	Number of I/O	226
Series	Automotive, AEC-Q100, Spartan®-6 LX XA	Mounting Type	Surface Mount
Package / Case	324-LFBGA, CSPBGA	Base Product Number	XA6SLX25
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XA6SLX25-2CSG324Q

Product Attribute				
Part Number	XA6SLX25-2CSG324Q	<b>XA6SLX25-3FTG256Q</b>	<b>XA6SLX16-2FTG256I</b>	<b>XA6SLX16-2CSG324I</b>
Manufacturer	AMD	AMD	AMD	AMD
Number of I/O	226	186	186	232
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XA6SLX25	XA6SLX25	XA6SLX16	XA6SLX16
Package	Tray	Tray	Tray	Tray
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	24051	24051	14579	14579
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Package / Case	324-LFBGA, CSPBGA	256-LBGA	256-LBGA	324-LFBGA, CSPBGA
Supplier Device Package	324-CSPBGA (15x15)	256-FTBGA (17x17)	256-FTBGA (17x17)	324-CSPBGA (15x15)
Number of LABs/CLBs	1879	1879	1139	1139
Series	Automotive, AEC-Q100, Spartan®-6 LX XA	Automotive, AEC-Q100, Spartan®-6 LX XA	Automotive, AEC-Q100, Spartan®-6 LX XA	Automotive, AEC-Q100, Spartan®-6 LX XA
Total RAM Bits	958464	958464	589824	589824

### XA6SLX25-2CSG324Q Datasheet PDF

Download XA6SLX25-2CSG324Q pdf datasheets and AMD documentation for XA6SLX25-2CSG324Q - AMD.

#### Environmental Information

[Xilinx REACH211 Cert.pdf](#)

#### HTML Datasheet

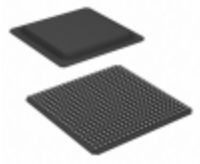
[XA Spartan-6 Overview.pdf](#)

### Customers Also Interested in

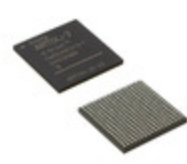
#### Recommended Products

<b>XA6SLX25-3FTG256Q</b>	<b>XA6SLX16-2FTG256I</b>	<b>XA6SLX16-2CSG324I</b>	<b>XA6SLX16-3CSG225Q</b>	<b>XA6SLX100-2FGG484Q</b>	<b>XA6SLX45-2CSG484Q</b>
AMD IC FPGA 186 I/O 256FTBGA	AMD IC FPGA 186 I/O 256FTBGA	AMD IC FPGA 232 I/O 324CSBGA	AMD IC FPGA 160 I/O 225CSBGA	AMD IC FPGA 326 I/O 484FBGA	Xilinx IC FPGA 320 I/O 484BGA

**XA6SLX4-2CSG225Q**  
AMD  
IC FPGA 132 I/O 225CSBGA



**XA6SLX4-2CSG225I**  
AMD  
IC FPGA 132 I/O 225CSBGA



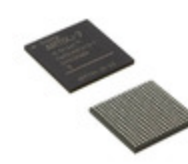
**XA6SLX45-2CSG324I**  
AMD  
IC FPGA 218 I/O 324CSBGA



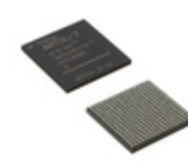
**XA6SLX25T-2CSG324**  
AMD Xilinx



**XA6SLX4-3CSG225Q**  
Xilinx  
IC FPGA 132 I/O 225CSBGA



**XA6216B502PR-G**  
Torex Semiconductor Ltd.



**XA6SLX25T-3FGG484Q**  
AMD  
IC FPGA 250 I/O 484FBGA

**XA6SLX45-2CSG324Q**  
AMD  
IC FPGA 218 I/O 324CSBGA

**XA6SLX16-3FTG256Q**  
AMD  
IC FPGA 186 I/O 256FTBGA

**XA6SLX16--3CSG225Q**  
AMD Xilinx

**XA6SLX16-2CSG324Q**  
AMD  
IC FPGA 232 I/O 324CSBGA

**XA6SLX25T-2CSG324Q**  
AMD  
IC FPGA 190 I/O 324CSBGA

## 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  
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## Certifications & Memberships



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