

Image may be representation.
See specifications for product details.

XA6SLX16-2CSG324Q

Manufacturer Part Number	XA6SLX16-2CSG324Q
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XA6SLX16-2CSG324Q
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 232 I/O 324CSBGA
Package	324-LFBGA, CSPBGA
Data sheet	XA Spartan-6 Overview.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



XA6SLX16-2CSG324Q - AMD.New Original in Stock. Download Linear Technology XA6SLX16-2CSG324Q datasheet/specifications on AllelcoElec.com.
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Specifications

XA6SLX16-2CSG324Q Tech Specifications
XA6SLX16-2CSG324Q - 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	14579
Total RAM Bits	589824	Number of LABs/CLBs	1139
Supplier Device Package	324-CSPBGA (15x15)	Number of I/O	232
Series	Automotive, AEC-Q100, Spartan®-6 LX XA	Mounting Type	Surface Mount
Package / Case	324-LFBGA, CSPBGA	Base Product Number	XA6SLX16
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XA6SLX16-2CSG324Q

Product Attribute				
Part Number	XA6SLX16-2CSG324Q	XA6SLX16-2FTG256I	XA6SLX4-2CSG225Q	XA6SLX16-3CSG225Q
Manufacturer	AMD	AMD	AMD	AMD
Base Product Number	XA6SLX16	XA6SLX16	XA6SLX4	XA6SLX16
Package / Case	324-LFBGA, CSPBGA	256-LBGA	225-LFBGA, CSPBGA	225-LFBGA, CSPBGA
Total RAM Bits	589824	589824	221184	589824
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Package	Tray	Tray	Tray	Tray
Number of I/O	232	186	132	160
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Number of Logic Elements/Cells	14579	14579	3840	14579
Number of LABs/CLBs	1139	1139	300	1139
Supplier Device Package	324-CSPBGA (15x15)	256-FTBGA (17x17)	225-CSPBGA (13x13)	225-CSPBGA (13x13)

XA6SLX16-2CSG324Q Datasheet PDF

Download XA6SLX16-2CSG324Q pdf datasheets and AMD documentation for XA6SLX16-2CSG324Q - AMD.

Environmental Information

Xilinx REACH211 Cert.pdf

HTML Datasheet

XA Spartan-6 Overview.pdf

Customers Also Interested in

Recommended Products

XA6SLX16-2FTG256I	XA6SLX4-2CSG225Q	XA6SLX16-3CSG225Q	XA6SLX16-3FTG256Q	XA6SLX25-3FTG256Q	XA6SLX4-3CSG225Q	
AMD IC FPGA 186 I/O 256FTBGA	AMD IC FPGA 132 I/O 225CSBGA	AMD IC FPGA 160 I/O 225CSBGA	AMD IC FPGA 186 I/O 256FTBGA	AMD IC FPGA 186 I/O 256FTBGA	Xilinx IC FPGA 132 I/O 225CSBGA	

XA6214P122PR-G
Torex Semiconductor Ltd.

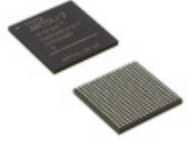
XA6SLX25T-3FGG484Q
AMD
IC FPGA 250 I/O 484FBGA

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

XA6216B502PR-G
Torex Semiconductor Ltd.

XA6SLX25T-2CSG324
AMD Xilinx

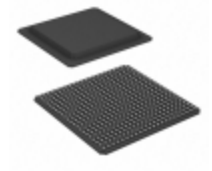
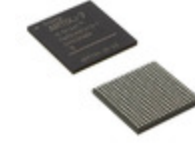
XA6SLX25T-2CSG324Q
AMD
IC FPGA 190 I/O 324CSBGA



Panasonic

TOREX

XILINX
ALL PROGRAMMABLE.



XA6SLX16-2CSG324I
AMD
IC FPGA 232 I/O 324CSBGA

XA6221D331MR-G
Panasonic

XA6216B332PR-G
Torex Semiconductor Ltd.

XA6SLX16--3CSG225Q
AMD Xilinx

XA6SLX25-2CSG324Q
AMD
IC FPGA 226 I/O 324CSBGA

XA6SLX100-2FGG484Q
AMD
IC FPGA 326 I/O 484FBGA

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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 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone
 +00852 9146 4856
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 info@allelco.com

Certifications & Memberships



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ALLELCO LIMITED
WWW.ALLELCOELEC.COM

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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