

Image may be representation.
See specifications for product details.



XC6SLX4-3TQG144C

Manufacturer Part Number	XC6SLX4-3TQG144C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC6SLX4-3TQG144C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 102 I/O 144TQFP
Package	144-LQFP
Data sheet	XC6SLX4-3TQG144C.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC6SLX4-3TQG144C - AMD.New Original in Stock. Download Linear Technology XC6SLX4-3TQG144C datasheet/specifications on AllelcoElec.com.
Request a quote for XC6SLX4-3TQG144C, please send us email: info@allelco.com

Specifications

XC6SLX4-3TQG144C Tech Specifications
XC6SLX4-3TQG144C - 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	1.14V ~ 1.26V	Number of Logic Elements/Cells	3840
Total RAM Bits	221184	Number of LABs/CLBs	300
Supplier Device Package	144-TQFP (20x20)	Number of I/O	102
Series	Spartan®-6 LX	Mounting Type	Surface Mount
Package / Case	144-LQFP	Base Product Number	XC6SLX4
Package	Tray		

Parts with Similar Specifications

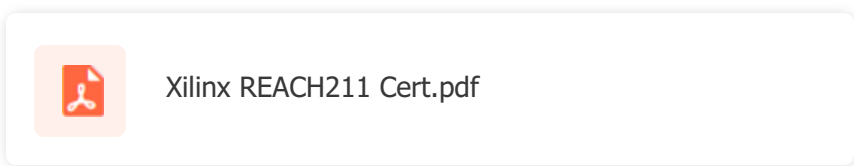
The three parts on the right have similar specifications to AMD XC6SLX4-3TQG144C

Product Attribute				
Part Number	XC6SLX4-3TQG144C	XC6SLX4-2TQG144I	XC6SLX4-3CSG225I	XC6SLX4-2CSG225C
Manufacturer	AMD	AMD	AMD	AMD
Number of I/O	102	102	132	132
Base Product Number	XC6SLX4	XC6SLX4	XC6SLX4	XC6SLX4
Series	Spartan®-6 LX	Spartan®-6 LX	Spartan®-6 LX	Spartan®-6 LX
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Supplier Device Package	144-TQFP (20x20)	144-TQFP (20x20)	225-CSPBGA (13x13)	225-CSPBGA (13x13)
Package / Case	144-LQFP	144-LQFP	225-LFBGA, CSPBGA	225-LFBGA, CSPBGA
Number of LABs/CLBs	300	300	300	300
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	3840	3840	3840	3840
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	221184	221184	221184	221184

XC6SLX4-3TQG144C Datasheet PDF

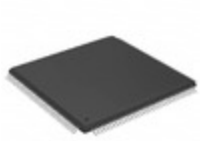
Download XC6SLX4-3TQG144C pdf datasheets and AMD documentation for XC6SLX4-3TQG144C - AMD.

Environmental Information

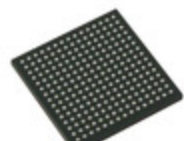


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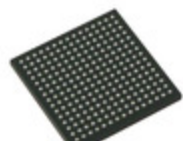
Recommended Products



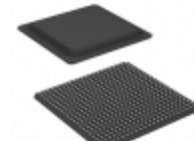
XC6SLX4-2TQG144I
AMD
IC FPGA 102 I/O 144TQFP



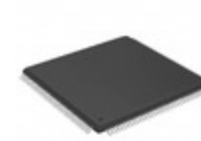
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AMD
IC FPGA 132 I/O 225CSBGA



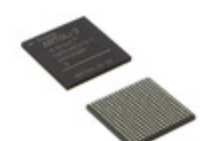
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AMD
IC FPGA 132 I/O 225CSBGA



XC6SLX45-2FGG484C
AMD
IC FPGA 316 I/O 484FBGA



XC6SLX4-2TQG144C
AMD
IC FPGA 102 I/O 144TQFP



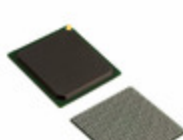
XC6SLX45-2CSG324C
AMD
IC FPGA 218 I/O 324CSBGA



XC6SLX4-3CSG225C
AMD
IC FPGA 132 I/O 225CSBGA



XC6SLX4-3TQG144I
AMD
IC FPGA 102 I/O 144TQFP



XC6SLX45-2FGG676I
AMD
IC FPGA 358 I/O 676FBGA



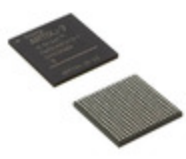
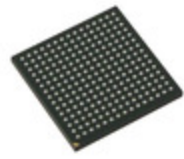
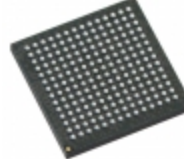
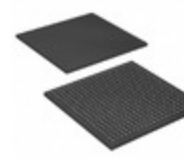
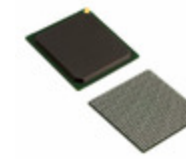
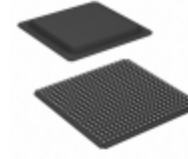
XC6SLX4-3CPG196I
AMD
IC FPGA 106 I/O 196CSBGA



XC6SLX4-2CPG196C
AMD
IC FPGA 106 I/O 196CSBGA



XC6SLX4-2CPG196I
AMD
IC FPGA 106 I/O 196CSBGA

**XC6SLX45-2CSG324I**AMD
IC FPGA 218 I/O 324CSBGA**XC6SLX4-2CSG225I**AMD
IC FPGA 132 I/O 225CSBGA**XC6SLX4-3CPG196C**AMD
IC FPGA 106 I/O 196CSBGA**XC6SLX45-2CSG484C**AMD
IC FPGA 320 I/O 484CSBGA**XC6SLX45-2FGG676C**AMD
IC FPGA 358 I/O 676FBGA**XC6SLX45-2FGG484I**AMD
IC FPGA 316 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.

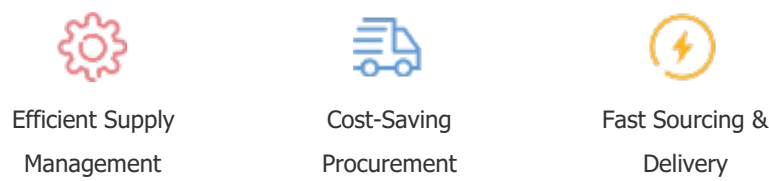
Payment Support

The payment method can be chosen from the methods shown below:

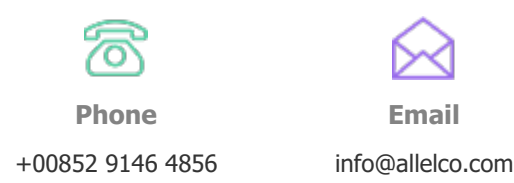
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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