

Image may be representation.
See specifications for product details.



XCS20XL-4TQG144C

Manufacturer Part Number	XCS20XL-4TQG144C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCS20XL-4TQG144C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 113 I/O 144TQFP
Package	144-LQFP
Data sheet	XCS20XL-4TQG144C.pdf

Get a Quote

XCS20XL-4TQG144C - AMD.New Original in Stock. Download Linear Technology XCS20XL-4TQG144C datasheet/specifications on AllelcoElec.com.
Request a quote for XCS20XL-4TQG144C, please send us email: info@allelco.com

Specifications

XCS20XL-4TQG144C Tech Specifications
XCS20XL-4TQG144C - 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	3V ~ 3.6V	Number of Logic Elements/Cells	950
Total RAM Bits	12800	Number of LABs/CLBs	400
Supplier Device Package	144-TQFP (20x20)	Number of I/O	113
Series	Spartan®-XL	Number of Gates	20000
Package / Case	144-LQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCS20XL

Parts with Similar Specifications

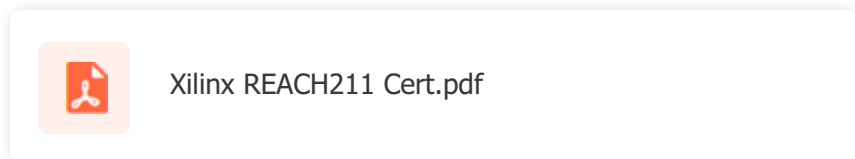
The three parts on the right have similar specifications to AMD XCS20XL-4TQG144C

Product Attribute				
Part Number	XCS20XL-4TQG144C	XCS20XL-5PQ208C	XCS20XL-5TQ144C	XCS20XL-4PQ208I
Manufacturer	AMD	AMD	AMD	AMD
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Total RAM Bits	12800	12800	12800	12800
Series	Spartan®-XL	Spartan®-XL	Spartan®-XL	Spartan®-XL
Number of Gates	20000	20000	20000	20000
Number of I/O	113	160	113	160
Base Product Number	XCS20XL	XCS20XL	XCS20XL	XCS20XL
Package / Case	144-LQFP	208-BFQFP	144-LQFP	208-BFQFP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Voltage - Supply	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Number of Logic Elements/Cells	950	950	950	950
Supplier Device Package	144-TQFP (20x20)	208-PQFP (28x28)	144-TQFP (20x20)	208-PQFP (28x28)
Number of LABs/CLBs	400	400	400	400

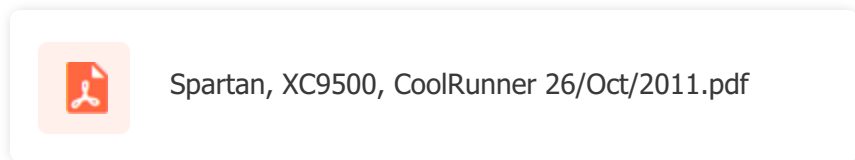
XCS20XL-4TQG144C Datasheet PDF

Download XCS20XL-4TQG144C pdf datasheets and AMD documentation for XCS20XL-4TQG144C - AMD.

Environmental Information



PCN Obsolescence/ EOL



Customers Also Interested in

Recommended Products



XCS20XL-5PQG208C
AMD Xilinx

XCS20XL-5PQ208C
AMD
IC FPGA 160 I/O 208QFP

XCS20XL-5TQ144C
AMD
IC FPGA 113 I/O 144TQFP

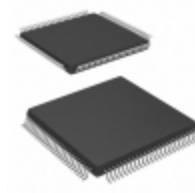
XCS20XL-5TQ144I
Altera (Intel)

XCS20XL-4PQ208I
AMD
IC FPGA 160 I/O 208QFP

XCS20XL-4CSG144C
AMD Xilinx



XCS20XL-5CS144C
AMD
IC FPGA 113 I/O 144CSBGA



XCS20XL-3TQG144I
Altera (Intel)

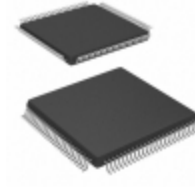
XCS20XL-4VQ100I
AMD
IC FPGA 77 I/O 100VQFP



XCS20XL-4TQ144I
AMD
IC FPGA 113 I/O 144TQFP



XCS20XL-4VQG100C
AMD
IC FPGA 77 I/O 100VQFP



XCS20XL-4CS144C
AMD
IC FPGA 113 I/O 144CSBGA

XCS20XL-4PQ208C
AMD
IC FPGA 160 I/O 208QFP

XCS20XL-4TQG144I
AMD
IC FPGA 113 I/O 144TQFP

XCS20XL-4VQ100C
AMD
IC FPGA 77 I/O 100VQFP

XCS20XL-4PQG208C
AMD
IC FPGA 160 I/O 208QFP

XCS20XL-4TQ144Q
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

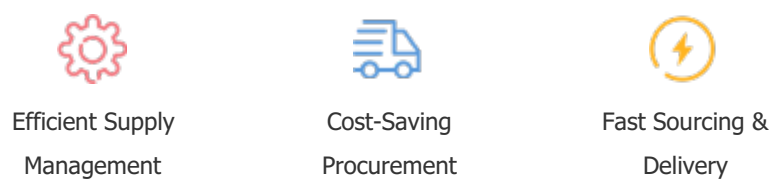
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

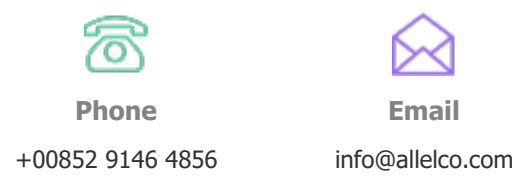
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More



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