

Image may be representation.
See specifications for product details.



XC2S15-5VQG100C

Manufacturer Part Number	XC2S15-5VQG100C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2S15-5VQG100C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 60 I/O 100VQFP
Package	100-TQFP
Data sheet	XC2S15-5VQG100C.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC2S15-5VQG100C - AMD.New Original in Stock. Download Linear Technology XC2S15-5VQG100C datasheet/specifications on AllelcoElec.com.
Request a quote for XC2S15-5VQG100C, please send us email: info@allelco.com

Specifications

XC2S15-5VQG100C Tech Specifications
XC2S15-5VQG100C - 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	2.375V ~ 2.625V	Number of Logic Elements/Cells	432
Total RAM Bits	16384	Number of LABs/CLBs	96
Supplier Device Package	100-VQFP (14x14)	Number of I/O	60
Series	Spartan®-II	Number of Gates	15000
Package / Case	100-TQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC2S15

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2S15-5VQG100C

Product Attribute				
Part Number	XC2S15-5VQG100C	XC2S15-5TQ144C	XC2S15-5TQG144I	XC2S15-5TQG144C
Manufacturer	AMD	AMD	AMD	AMD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	432	432	432	432
Supplier Device Package	100-VQFP (14x14)	144-TQFP (20x20)	144-TQFP (20x20)	144-TQFP (20x20)
Number of Gates	15000	15000	15000	15000
Base Product Number	XC2S15	XC2S15	XC2S15	XC2S15
Package / Case	100-TQFP	144-LQFP	144-LQFP	144-LQFP
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Number of I/O	60	86	86	86
Total RAM Bits	16384	16384	16384	16384
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Number of LABs/CLBs	96	96	96	96
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)

XC2S15-5VQG100C Datasheet PDF

Download XC2S15-5VQG100C pdf datasheets and AMD documentation for XC2S15-5VQG100C - AMD.

PCN Assembly/Origin

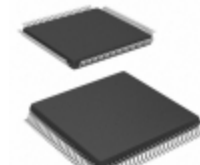
[Mult Dev LeadFrame Chg 29/Oct/2018.pdf](#)

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

Customers Also Interested in

Recommended Products



XC2S150
AMD Xilinx

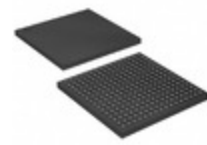
XC2S15-5TQ144C
AMD
IC FPGA 86 I/O 144TQFP

XC2S15-5TQG144I
AMD
IC FPGA 86 I/O 144TQFP

XC2S15-5TQG144C
AMD
IC FPGA 86 I/O 144TQFP

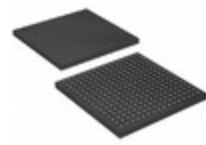
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AMD Xilinx

XC2S15-5VQ100C
AMD
IC FPGA 60 I/O 100VQFP



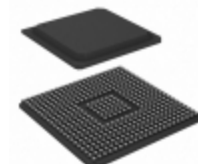
XC2S100E-7TQ144C

AMD Xilinx



XC2S150-5FG256C

AMD
IC FPGA 176 I/O 256FBGA



XC2S150-5FGG256C

AMD
IC FPGA 176 I/O 256FBGA



XC2S150-5FG456I

AMD
IC FPGA 260 I/O 456FBGA



XC2S100E-7FTG256I

AMD Xilinx

XC2S15-6TQ144C

Xilinx
IC FPGA 86 I/O 144TQFP



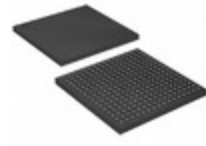
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AMD
IC FPGA 86 I/O 144CSBGA



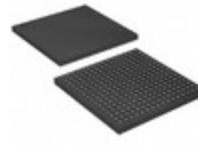
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AMD Xilinx



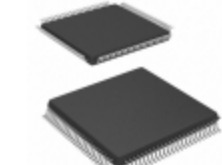
XC2S150-5FG256I

AMD
IC FPGA 176 I/O 256FBGA



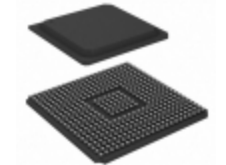
XC2S150-5FGG256I

AMD
IC FPGA 176 I/O 256FBGA



XC2S15-5VQG100I

AMD
IC FPGA 60 I/O 100VQFP



XC2S150-5FG456C

AMD
IC FPGA 260 I/O 456FBGA

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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