



XC2S15-5VQ100C



Image may be representation.
See specifications for product details.

Manufacturer Part Number	XC2S15-5VQ100C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2S15-5VQ100C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 60 I/O 100VQFP
Package	100-TQFP
Data sheet	XC2S15-5VQ100C.pdf

Get a Quote

XC2S15-5VQ100C - AMD.New Original in Stock. Download Linear Technology XC2S15-5VQ100C datasheet/specifications on AllelcoElec.com.
Request a quote for XC2S15-5VQ100C, please send us email: info@allelco.com



Specifications

XC2S15-5VQ100C Tech Specifications

XC2S15-5VQ100C - 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 XC2S15-5VQ100C

Product Attribute				
Part Number	XC2S15-5VQ100C	XC2S150-5FG456C	XC2S15-5CS144C	XC2S150-5FGG256C
Manufacturer	AMD	AMD	AMD	AMD
Number of Logic Elements/Cells	432	3888	432	3888
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	XC2S15	XC2S150	XC2S15	XC2S150
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	96	864	96	864
Number of I/O	60	260	86	176
Total RAM Bits	16384	49152	16384	49152
Number of Gates	15000	150000	15000	150000
Supplier Device Package	100-VQFP (14x14)	456-FBGA (23x23)	144-LCSBGA (12x12)	256-FBGA (17x17)
Package / Case	100-TQFP	456-BBGA	144-TFBGA, CSPBGA	256-BGA
Package	Tray	Tray	Tray	Tray

XC2S15-5VQ100C Datasheet PDF

Download XC2S15-5VQ100C pdf datasheets and AMD documentation for XC2S15-5VQ100C - AMD.

PCN Assembly/Origin

2.73KHz.pdf

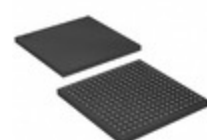
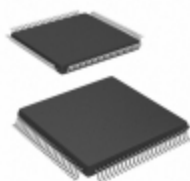
Environmental Information

Xilinx REACH211 Cert.pdf

Customers Also Interested in

Recommended Products

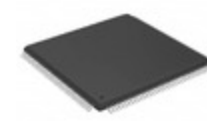
XC2S150-5FG456C	XC2S15-5CS144C	XC2S150-5FGG256C	XC2S15-5VQG100C	XC2S100E-7FTG256I	XC2S15-5TQ144C
AMD	AMD	AMD	AMD	AMD Xilinx	AMD
IC FPGA 260 I/O 456FBGA	IC FPGA 86 I/O 144CSBGA	IC FPGA 176 I/O 256FBGA	IC FPGA 60 I/O 100VQFP		IC FPGA 86 I/O 144TQFP

**XC2S15-5TQG144C**AMD
IC FPGA 86 I/O 144TQFP**XC2S150-5FG256C**AMD
IC FPGA 176 I/O 256FBGA**XC2S15-5VQG100I**AMD
IC FPGA 60 I/O 100VQFP**XC2S100E-7TQ144C**

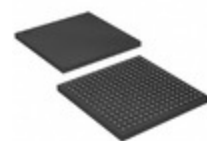
AMD Xilinx

**XC2S100E-7TQG144C**

AMD Xilinx

**XC2S15-5TQG144I**AMD
IC FPGA 86 I/O 144TQFP**XC2S100E-7FT256C**

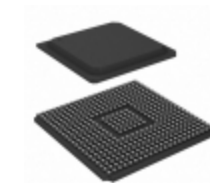
AMD Xilinx

**XC2S150-5FG256I**AMD
IC FPGA 176 I/O 256FBGA**XC2S100E-7FTG256C**

AMD Xilinx

**XC2S150**

AMD Xilinx

**XC2S150-5FG456I**AMD
IC FPGA 260 I/O 456FBGA**XC2S15-6TQ144C**Xilinx
IC FPGA 86 I/O 144TQFP

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

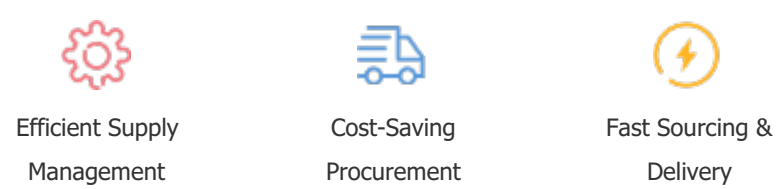
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

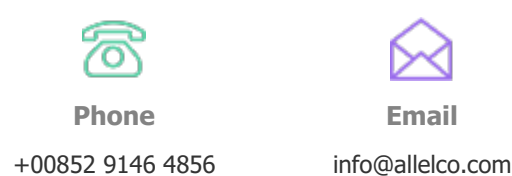
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)