



Image may be representation.
See specifications for product details.



XCS05-3VQ100C

Manufacturer Part Number	XCS05-3VQ100C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XCS05-3VQ100C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 77 I/O 100VQFP
Package	100-TQFP
Data sheet	XCS05-3VQ100C.pdf

Get a Quote

XCS05-3VQ100C - AMD,New Original in Stock. Download Linear Technology XCS05-3VQ100C datasheet/specifications on AllelcoElec.com.
Request a quote for XCS05-3VQ100C, please send us email: info@allelco.com

Specifications

XCS05-3VQ100C Tech Specifications
XCS05-3VQ100C - 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	4.75V ~ 5.25V	Number of Logic Elements/Cells	238
Total RAM Bits	3200	Number of LABs/CLBs	100
Supplier Device Package	100-VQFP (14x14)	Number of I/O	77
Series	Spartan®	Number of Gates	5000
Package / Case	100-TQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XCS05

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCS05-3VQ100C

Product Attribute				
Part Number	XCS05-3VQ100C	XCS05-3PC84C	XCS05XL-4VQ100C	XCS05-3VQ100I
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)
Package	Tray	Tray	Tray	Tray
Total RAM Bits	3200	3200	3200	3200
Package / Case	100-TQFP	84-LCC (J-Lead)	100-TQFP	100-TQFP
Number of I/O	77	61	77	77
Number of Logic Elements/Cells	238	238	238	238
Number of Gates	5000	5000	5000	5000
Number of LABs/CLBs	100	100	100	100
Series	Spartan®	Spartan®	Spartan®-XL	Spartan®
Supplier Device Package	100-VQFP (14x14)	84-PLCC (29.31x29.31)	100-VQFP (14x14)	100-VQFP (14x14)
Base Product Number	XCS05	XCS05	XCS05XL	XCS05
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	3V ~ 3.6V	4.5V ~ 5.5V

XCS05-3VQ100C Datasheet PDF

Download XCS05-3VQ100C pdf datasheets and AMD documentation for XCS05-3VQ100C - AMD.

Environmental Information

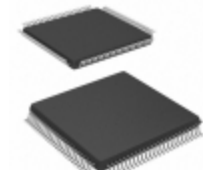
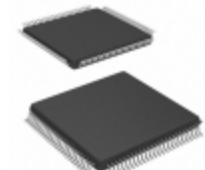
[Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

[Spartan,Virtex FPGA/SCD 18/Oct/2010.pdf](#)

Customers Also Interested in

Recommended Products



XCS05PC84 XCS05-3PC84C XCS05
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AMD
IC FPGA 77 I/O 100VQFP

XCS05-3VQ100I
AMD
IC FPGA 77 I/O 100VQFP

XCS05VQ100CKN
AMD Xilinx

XCS05XL-4VQG100C
AMD
IC FPGA 77 I/O 100VQFP



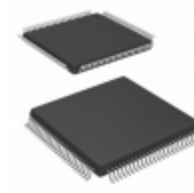
XCS05-4VQ100C
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AMD
IC FPGA 61 I/O 84PLCC



XCS05VQ100
AMD Xilinx



XCS05XL-4VQ100I
AMD
IC FPGA 77 I/O 100VQFP



XCS05-3VQG100C
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XCS05-3VQG100I
AMD Xilinx



XCS05-PC84CKN
AMD Xilinx



XCS05-3PCG84C
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XCS05-4VQG100C
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XCS05-3PC84C/I
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XCS05-4PC84C
AMD
IC FPGA 61 I/O 84PLCC

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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