



Image may be representation.
See specifications for product details.



XC3S50A-4VQG100I

Manufacturer Part Number **XC3S50A-4VQG100I**

Manufacturer **AMD Xilinx**

Allelco Part Number **32D-XC3S50A-4VQG100I**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 68 I/O 100VQFP**

Package **100-TQFP**

Data sheet **[Spartan-3A Brochure.pdf](#)**

RoHs Status **ROHS3 Compliant**

Get a Quote

XC3S50A-4VQG100I - AMD.New Original in Stock. Download Linear Technology XC3S50A-4VQG100I datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S50A-4VQG100I, please send us email: info@allelco.com

Specifications

XC3S50A-4VQG100I Tech Specifications
XC3S50A-4VQG100I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.14V ~ 1.26V	Number of Logic Elements/Cells	1584
Total RAM Bits	55296	Number of LABs/CLBs	176
Supplier Device Package	100-VQFP (14x14)	Number of I/O	68
Series	Spartan®-3A	Number of Gates	50000
Package / Case	100-TQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S50

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC3S50A-4VQG100I

Product Attribute				
Part Number	XC3S50A-4VQG100I	XC3S50AN-4TQG144C	XC3S50A-4VQG100C	XC3S50AN-4FTG256C
Manufacturer	AMD	AMD	AMD	AMD
Number of Logic Elements/Cells	1584	1584	1584	1584
Number of I/O	68	108	68	195
Package	Tray	Tray	Tray	Tray
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Base Product Number	XC3S50	XC3S50	XC3S50	XC3S50AN
Total RAM Bits	55296	55296	55296	55296
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of LABs/CLBs	176	176	176	176
Series	Spartan®-3A	Spartan®-3AN	Spartan®-3A	Spartan®-3AN
Supplier Device Package	100-VQFP (14x14)	144-TQFP (20x20)	100-VQFP (14x14)	256-FTBGA (17x17)
Package / Case	100-TQFP	144-LQFP	100-TQFP	256-LBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Gates	50000	50000	50000	50000

XC3S50A-4VQG100I Datasheet PDF

Download XC3S50A-4VQG100I pdf datasheets and AMD documentation for XC3S50A-4VQG100I - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

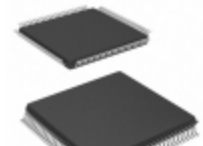
[Spartan-3A Brochure.pdf](#)

Customers Also Interested in

Recommended Products



XC3S50AN-4TQG144C
AMD
IC FPGA 108 I/O 144TQFP



XC3S50A-4VQG100C
AMD
IC FPGA 68 I/O 100VQFP



XC3S50A-5VQG100
AMD Xilinx



XC3S50AN-4FTG256C
AMD
IC FPGA 195 I/O 256FTBGA



XC3S50A-4FTG256I
AMD
IC FPGA 144 I/O 256FTBGA



XC3S50A-4FT256C
AMD
IC FPGA 144 I/O 256FTBGA



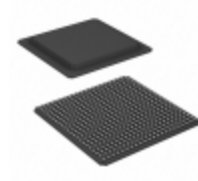
XC3S50A-4TQG144I
AMD
IC FPGA 108 I/O 144TQFP



XC3S50A-4VQ100C
AMD
IC FPGA 68 I/O 100VQFP



XC3S50A-5TQG144C
AMD
IC FPGA 108 I/O 144TQFP



XC3S700A-4FG484I
AMD
IC FPGA 372 I/O 484FBGA



XC3S50E-4VQG100I
AMD Xilinx



XC3S50A-4FTG256C
AMD
IC FPGA 144 I/O 256FTBGA



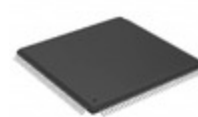
XC3S50AN-5TQG144C
AMD
IC FPGA 108 I/O 144TQFP



XC3S50A-4FT256I
AMD
IC FPGA 144 I/O 256FTBGA



XC3S50AN-4TQG144I
AMD
IC FPGA 108 I/O 144TQFP



XC3S50A-4TQG144C
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IC FPGA 108 I/O 144TQFP



XC3S50AN-TQG144AGQ
AMD Xilinx



XC3S50A-4TQ144C
AMD
IC FPGA 108 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.



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Efficient Supply Management
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Contact us if you have any questions.

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Certifications & Memberships



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