



Image may be representation.
See specifications for product details.



XC3S50AN-4TQG144I

Manufacturer Part Number	XC3S50AN-4TQG144I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S50AN-4TQG144I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 108 I/O 144TQFP
Package	144-LQFP
Data sheet	Spartan-3AN Brochure.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC3S50AN-4TQG144I - AMD.New Original in Stock. Download Linear Technology XC3S50AN-4TQG144I datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S50AN-4TQG144I, please send us email: info@allelco.com

Specifications

XC3S50AN-4TQG144I Tech Specifications
XC3S50AN-4TQG144I - 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	144-TQFP (20x20)	Number of I/O	108
Series	Spartan®-3AN	Number of Gates	50000
Package / Case	144-LQFP	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 XC3S50AN-4TQG144I

Product Attribute				
Part Number	XC3S50AN-4TQG144I	XC3S50A-4VQG100C	XC3S700A-4FGG400C	XC3S700A-4FGG484I
Manufacturer	AMD	AMD	AMD	AMD
Series	Spartan®-3AN	Spartan®-3A	Spartan®-3A	Spartan®-3A
Number of Logic Elements/Cells	1584	1584	13248	13248
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Supplier Device Package	144-TQFP (20x20)	100-VQFP (14x14)	400-FBGA (21x21)	484-FBGA (23x23)
Number of I/O	108	68	311	372
Number of Gates	50000	50000	700000	700000
Package	Tray	Tray	Tray	Tray
Package / Case	144-LQFP	100-TQFP	400-BGA	484-BBGA
Number of LABs/CLBs	176	176	1472	1472
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Base Product Number	XC3S50	XC3S50	XC3S700	XC3S700
Total RAM Bits	55296	55296	368640	368640

XC3S50AN-4TQG144I Datasheet PDF

Download XC3S50AN-4TQG144I pdf datasheets and AMD documentation for XC3S50AN-4TQG144I - AMD.

Environmental Information

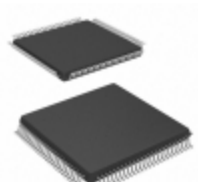
[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

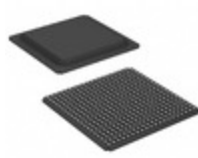
[Spartan-3AN Brochure.pdf](#)

Customers Also Interested in

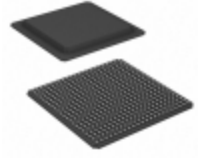
Recommended Products



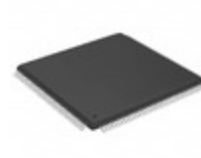
XC3S50A-4VQG100C
AMD
IC FPGA 68 I/O 100VQFP



XC3S700A-4FGG400C
AMD
IC FPGA 311 I/O 400FBGA



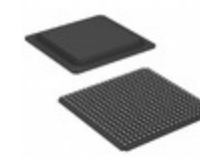
XC3S700A-4FGG484I
AMD
IC FPGA 372 I/O 484FBGA



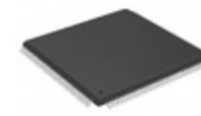
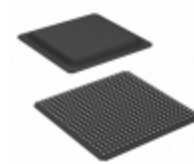
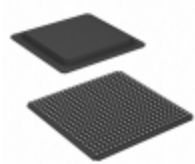
XC3S50AN-4TQG144I
AMD
IC FPGA 108 I/O 144TQFP



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



XC3S700A-4FGG400I
AMD
IC FPGA 311 I/O 400FBGA



XC3S50AN-4FTG256C

AMD
IC FPGA 195 I/O 256FTBGA

XC3S50A-4TQ144C

AMD
IC FPGA 108 I/O 144TQFP

XC3S700A-4FG484I

AMD
IC FPGA 372 I/O 484FBGA

XC3S700A-4FGG484C

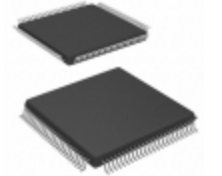
AMD
IC FPGA 372 I/O 484FBGA

XC3S50A-4TQG144C

AMD
IC FPGA 108 I/O 144TQFP

XC3S50E-4VQG100I

AMD Xilinx



XC3S50AN-4TQG144C

AMD
IC FPGA 108 I/O 144TQFP

XC3S700A-4FT256I

AMD
IC FPGA 161 I/O 256FTBGA

XC3S50A-5VQG100

AMD Xilinx

XC3S50AN-5TQG144C

AMD
IC FPGA 108 I/O 144TQFP

XC3S50A-4VQ100C

AMD
IC FPGA 68 I/O 100VQFP

XC3S50A-4VQG100I

AMD
IC FPGA 68 I/O 100VQFP

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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Email

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Certifications & Memberships



View More



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