

Image may be representation.
See specifications for product details.



XC3S50AN-5TQG144C

Manufacturer Part Number	XC3S50AN-5TQG144C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S50AN-5TQG144C
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-5TQG144C - AMD.New Original in Stock. Download Linear Technology XC3S50AN-5TQG144C datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S50AN-5TQG144C, please send us email: info@allelco.com

Specifications

XC3S50AN-5TQG144C Tech Specifications
XC3S50AN-5TQG144C - 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	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-5TQG144C

Product Attribute				
Part Number	XC3S50AN-5TQG144C	XC3S50A-4TQG144C	XC3S50AN-4TQG144I	XC3S700A-4FT256I
Manufacturer	AMD	AMD	AMD	AMD
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Supplier Device Package	144-TQFP (20x20)	144-TQFP (20x20)	144-TQFP (20x20)	256-FTBGA (17x17)
Number of Logic Elements/Cells	1584	1584	1584	13248
Series	Spartan@-3AN	Spartan@-3A	Spartan@-3AN	Spartan@-3A
Base Product Number	XC3S50	XC3S50	XC3S50	XC3S700
Total RAM Bits	55296	55296	55296	368640
Number of LABs/CLBs	176	176	176	1472
Package / Case	144-LQFP	144-LQFP	144-LQFP	256-LBGA
Number of I/O	108	108	108	161
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Number of Gates	50000	50000	50000	700000
Package	Tray	Tray	Tray	Tray

XC3S50AN-5TQG144C Datasheet PDF

Download XC3S50AN-5TQG144C pdf datasheets and AMD documentation for XC3S50AN-5TQG144C - AMD.

Environmental Information

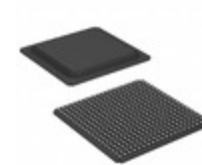
[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

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

Customers Also Interested in

Recommended Products



XC3S50E-4VQG100I
AMD Xilinx

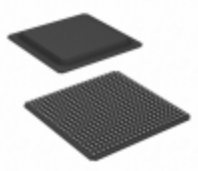
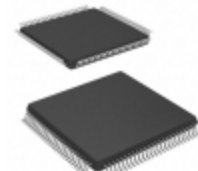
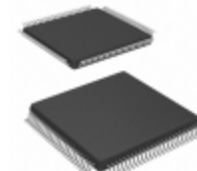
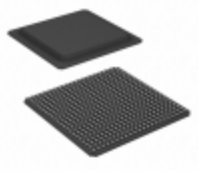
XC3S50A-4TQG144C
AMD
IC FPGA 108 I/O 144TQFP

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

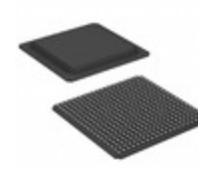
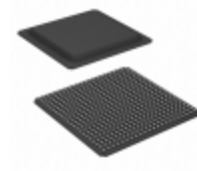
XC3S700A-4FT256I
AMD
IC FPGA 161 I/O 256FTBGA

XC3S50A-4VQG100I
AMD
IC FPGA 68 I/O 100VQFP

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

**XC3S700A-4FGG484I**AMD
IC FPGA 372 I/O 484FBGA**XC3S50AN-4TQG144C**AMD
IC FPGA 108 I/O 144TQFP**XC3S50A-5TQG144C**AMD
IC FPGA 108 I/O 144TQFP**XC3S50A-4VQG100C**AMD
IC FPGA 68 I/O 100VQFP**XC3S50A-4TQG144I**AMD
IC FPGA 108 I/O 144TQFP**XC3S50A-4VQ100C**AMD
IC FPGA 68 I/O 100VQFP**XC3S700A-4FGG484C**AMD
IC FPGA 372 I/O 484FBGA**XC3S50A-5VQG100**

AMD Xilinx

**XC3S50AN-4FTG256C**AMD
IC FPGA 195 I/O 256FTBGA**XC3S700A-4FTG256C**AMD
IC FPGA 161 I/O 256FTBGA**XC3S700A-4FGG400C**AMD
IC FPGA 311 I/O 400FBGA**XC3S700A-4FG484I**AMD
IC FPGA 372 I/O 484FBGA

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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