



XC3S50AN-4FTG256C

Manufacturer Part Number	XC3S50AN-4FTG256C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S50AN-4FTG256C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 195 I/O 256FTBGA
Package	256-LBGA
Data sheet	Spartan-3AN FPGA User Guide.pdf



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Specifications

XC3S50AN-4FTG256C Tech Specifications
XC3S50AN-4FTG256C - 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	256-FTBGA (17x17)	Number of I/O	195
Series	Spartan®-3AN	Number of Gates	50000
Package / Case	256-LBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S50AN

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC3S50AN-4FTG256C

Product Attribute	NO PICTURE			
Part Number	XC3S50AN-4FTG256C	XC3S50A-5TQG144C	XC3S50A-4FTG256C	XC3S50AN-4TQG144C
Manufacturer	AMD	AMD	AMD	AMD
Package / Case	256-LBGA	144-LQFP	256-LBGA	144-LQFP
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of I/O	195	108	144	108
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	1584	1584	1584	1584
Total RAM Bits	55296	55296	55296	55296
Supplier Device Package	256-FTBGA (17x17)	144-TQFP (20x20)	256-FTBGA (17x17)	144-TQFP (20x20)
Number of LABs/CLBs	176	176	176	176
Number of Gates	50000	50000	50000	50000
Series	Spartan®-3AN	Spartan®-3A	Spartan®-3A	Spartan®-3AN
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	XC3S50AN	XC3S50	XC3S50	XC3S50

XC3S50AN-4FTG256C Datasheet PDF

Download XC3S50AN-4FTG256C pdf datasheets and AMD documentation for XC3S50AN-4FTG256C - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

HTML Datasheet

[Spartan-3AN FPGA User Guide.pdf](#)

PCN Obsolescence/ EOL

[Spartan-3AN FPGA Series 02/Sep/2013.pdf](#)

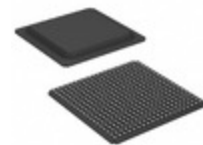
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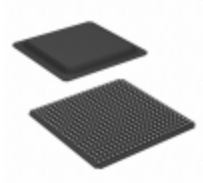
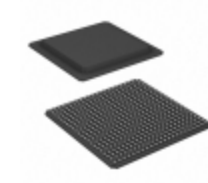
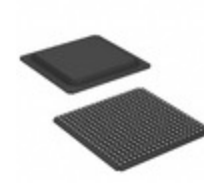
XC3S50A-5TQG144C	XC3S50A-4FTG256C	XC3S50AN-4TQG144C	XC3S50A-4FTG256I	XC3S50A-4VQG100C	XC3S50A-4TQG144I
AMD	AMD	AMD	AMD	AMD	AMD
IC FPGA 108 I/O 144TQFP	IC FPGA 144 I/O 256FTBGA	IC FPGA 108 I/O 144TQFP	IC FPGA 144 I/O 256FTBGA	IC FPGA 68 I/O 100VQFP	IC FPGA 108 I/O 144TQFP

**XC3S50A-4TQ144C**AMD
IC FPGA 108 I/O 144TQFP**XC3S50A-4VQG100I**AMD
IC FPGA 68 I/O 100VQFP**XC3S50A-5VQG100**

AMD Xilinx

**XC3S700A-4FGG400I**AMD
IC FPGA 311 I/O 400FBGA**XC3S50E-4VQG100I**

AMD Xilinx

**XC3S50AN-5TQG144C**AMD
IC FPGA 108 I/O 144TQFP**XC3S700A-4FG484I**AMD
IC FPGA 372 I/O 484FBGA**XC3S50A-4TQG144C**AMD
IC FPGA 108 I/O 144TQFP**XC3S50AN-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**XC3S700A-4FGG400C**AMD
IC FPGA 311 I/O 400FBGA

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:
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