



XC3S50A-4FT256C

Manufacturer Part Number	XC3S50A-4FT256C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S50A-4FT256C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 144 I/O 256FTBGA
Package	256-LBGA
Data sheet	Spartan-3A Brochure.pdf



Get a Quote

XC3S50A-4FT256C - AMD. New Original in Stock. Download Linear Technology XC3S50A-4FT256C datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S50A-4FT256C, please send us email: info@allelco.com

Specifications

XC3S50A-4FT256C Tech Specifications

XC3S50A-4FT256C - 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	144
Series	Spartan®-3A	Number of Gates	50000
Package / Case	256-LBGA	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-4FT256C

Product Attribute				
Part Number	XC3S50A-4FT256C	XC3S50A-4FTG256I	XC3S50A-4VQG100C	XC3S50A-4TQ144C
Manufacturer	AMD	AMD	AMD	AMD
Supplier Device Package	256-FTBGA (17x17)	256-FTBGA (17x17)	100-VQFP (14x14)	144-TQFP (20x20)
Number of LABs/CLBs	176	176	176	176
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Total RAM Bits	55296	55296	55296	55296
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	XC3S50	XC3S50	XC3S50	XC3S50
Number of Logic Elements/Cells	1584	1584	1584	1584
Series	Spartan®-3A	Spartan®-3A	Spartan®-3A	Spartan®-3A
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of I/O	144	144	68	108
Package	Tray	Tray	Tray	Tray
Number of Gates	50000	50000	50000	50000
Package / Case	256-LBGA	256-LBGA	100-TQFP	144-LQFP

XC3S50A-4FT256C Datasheet PDF

Download XC3S50A-4FT256C pdf datasheets and AMD documentation for XC3S50A-4FT256C - AMD.

Datasheets

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

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

Customers Also Interested in

Recommended Products

XC3S50A-4FTG256I	XC3S50A-4VQG100C	XC3S50A-4TQ144C	XC3S500E-4PQG208C	XC3S50A-4FT256I	XC3S500E-4PQG208I
AMD	AMD	AMD	AMD	AMD	AMD
IC FPGA 144 I/O 256FTBGA	IC FPGA 68 I/O 100VQFP	IC FPGA 108 I/O 144TQFP	IC FPGA 158 I/O 208QFP	IC FPGA 144 I/O 256FTBGA	IC FPGA 158 I/O 208QFP

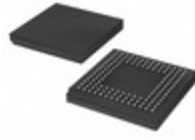
XC3S50A-4FTG256C
AMD
IC FPGA 144 I/O 256FTBGA



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



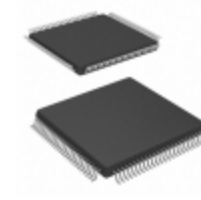
XC3S50A-4VQ100C
AMD
IC FPGA 68 I/O 100VQFP



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



XC3S500E-5FTG256C
AMD
IC FPGA 190 I/O 256FTBGA



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



XC3S500E-4VQG100I
AMD
IC FPGA 66 I/O 100VQFP

XC3S500E-4VQ100I
AMD Xilinx

XC3S500E-5CPG132C
AMD
IC FPGA 92 I/O 132CSBGA

XC3S500E-5PQG208C
AMD
IC FPGA 158 I/O 208QFP

XC3S500E-4VQG100C
AMD
IC FPGA 66 I/O 100VQFP

XC3S50A-5TQG144C
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
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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