

Image may be representation.
See specifications for product details.



XC3S1000-5FG456C

Manufacturer Part Number	XC3S1000-5FG456C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S1000-5FG456C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 333 I/O 456FBGA
Package	456-BBGA
Data sheet	XC3S1000-5FG456C.pdf

Get a Quote

XC3S1000-5FG456C - AMD.New Original in Stock. Download Linear Technology XC3S1000-5FG456C datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S1000-5FG456C, please send us email: info@allelco.com

Specifications

XC3S1000-5FG456C Tech Specifications
XC3S1000-5FG456C - 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	17280
Total RAM Bits	442368	Number of LABs/CLBs	1920
Supplier Device Package	456-FBGA (23x23)	Number of I/O	333
Series	Spartan®-3	Number of Gates	1000000
Package / Case	456-BBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S1000

Parts with Similar Specifications

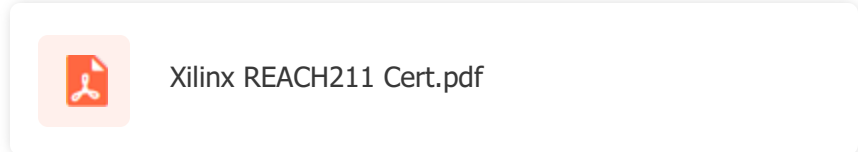
The three parts on the right have similar specifications to AMD XC3S1000-5FG456C

Product Attribute				
Part Number	XC3S1000-5FG456C	XC3S1000-4FGG676C	XC3S1000-4FTG256I	XC3S1000-4FGG456C
Manufacturer	AMD	AMD	AMD	AMD
Supplier Device Package	456-FBGA (23x23)	676-FBGA (27x27)	256-FTBGA (17x17)	456-FBGA (23x23)
Base Product Number	XC3S1000	XC3S1000	XC3S1000	XC3S1000
Number of LABs/CLBs	1920	1920	1920	1920
Package / Case	456-BBGA	676-BGA	256-LBGA	456-BBGA
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Series	Spartan®-3	Spartan®-3	Spartan®-3	Spartan®-3
Total RAM Bits	442368	442368	442368	442368
Number of Logic Elements/Cells	17280	17280	17280	17280
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Gates	1000000	1000000	1000000	1000000
Number of I/O	333	391	173	333
Package	Tray	Tray	Tray	Tray

XC3S1000-5FG456C Datasheet PDF

Download XC3S1000-5FG456C pdf datasheets and AMD documentation for XC3S1000-5FG456C - AMD.

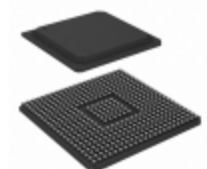
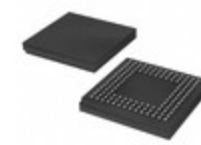
Environmental Information



Customers Also Interested in

Recommended Products

XC3S1000-4FGG676C	XC3S1000-4FTG256I	XC3S1000-5FGG676CES	XC3S1000-4FGG456C	XC3S1000-5FGG456C	XC3S1000-4FGG676I
AMD IC FPGA 391 I/O 676FBGA	AMD IC FPGA 173 I/O 256FTBGA	AMD Xilinx	AMD IC FPGA 333 I/O 456FBGA	AMD IC FPGA 333 I/O 456FBGA	AMD IC FPGA 391 I/O 676FBGA
XC3S1000-4FGG456I(1)	XC3S1000-5FGG456I	XC3S100E-4TQ144C	XC3S1000-5FT256C	XC3S100E-4CPG132I	XC3S1000-4FT256I
AMD Xilinx	AMD Xilinx	AMD IC FPGA 108 I/O 144TQFP	AMD IC FPGA 173 I/O 256FTBGA	AMD IC FPGA 83 I/O 132CSBGA	AMD IC FPGA 173 I/O 256FTBGA



XC3S1000-5FTG256C

AMD
IC FPGA 173 I/O 256FTBGA

XC3S1000-4FTG256C

AMD
IC FPGA 173 I/O 256FTBGA

XC3S1000-4FGG456C0985

AMD Xilinx

XC3S1000-4FT256C

AMD
IC FPGA 173 I/O 256FTBGA

XC3S100E-4CPG132C

AMD
IC FPGA 83 I/O 132CSBGA

XC3S1000-4FGG456I

AMD
IC FPGA 333 I/O 456FBGA

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.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



[View More](#)



Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.