



XC3S1000-4FTG256I

Manufacturer Part Number	XC3S1000-4FTG256I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S1000-4FTG256I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 173 I/O 256FTBGA
Package	256-LBGA
Data sheet	XC3S1000-4FTG256I.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

XC3S1000-4FTG256I - AMD.New Original in Stock. Download Linear Technology XC3S1000-4FTG256I datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S1000-4FTG256I, please send us email: info@allelco.com

Specifications

XC3S1000-4FTG256I Tech Specifications
XC3S1000-4FTG256I - 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	17280
Total RAM Bits	442368	Number of LABs/CLBs	1920
Supplier Device Package	256-FTBGA (17x17)	Number of I/O	173
Series	Spartan®-3	Number of Gates	1000000
Package / Case	256-LBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S1000

Parts with Similar Specifications

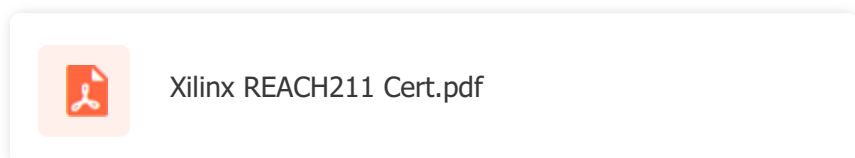
The three parts on the right have similar specifications to AMD XC3S1000-4FTG256I

Product Attribute				
Part Number	XC3S1000-4FTG256I	XC3S1000-4FG676I	XC3S100E-4CPG132C	XC3S1000-4FGG456C
Manufacturer	AMD	AMD	AMD	AMD
Number of I/O	173	391	83	333
Series	Spartan®-3	Spartan®-3	Spartan®-3E	Spartan®-3
Number of Gates	1000000	1000000	100000	1000000
Supplier Device Package	256-FTBGA (17x17)	676-FBGA (27x27)	132-CSPBGA (8x8)	456-FBGA (23x23)
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	17280	17280	2160	17280
Base Product Number	XC3S1000	XC3S1000	XC3S100	XC3S1000
Package / Case	256-LBGA	676-BGA	132-TFBGA, CSPBGA	456-BBGA
Total RAM Bits	442368	442368	73728	442368
Number of LABs/CLBs	1920	1920	240	1920

XC3S1000-4FTG256I Datasheet PDF

Download XC3S1000-4FTG256I pdf datasheets and AMD documentation for XC3S1000-4FTG256I - AMD.

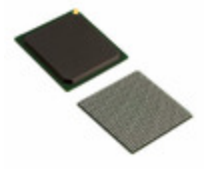
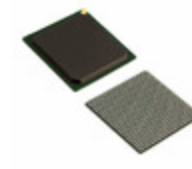
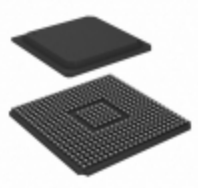
Environmental Information



Customers Also Interested in

Recommended Products

XC3S1000-4FG676I	XC3S100E-4CPG132C	XC3S1000-4FGG456C	XC3S1000-4FT256I	XC3S1000-4FTG256C	XC3S1000-5FG676CES
AMD	AMD	AMD	AMD	AMD	AMD Xilinx
IC FPGA 391 I/O 676FCBGA	IC FPGA 83 I/O 132CSBGA	IC FPGA 333 I/O 456FBGA	IC FPGA 173 I/O 256FTBGA	IC FPGA 173 I/O 256FTBGA	
XC3S1000-5FG456C	XC3S100E-4CPG132I	XC3S1000-4FGG456C0985	XC3S1000-4FGG456I	XC3S100E-4TQ144C	XC3S1000-4FT256C
AMD	AMD	AMD Xilinx	AMD	AMD	AMD
IC FPGA 333 I/O 456FBGA	IC FPGA 83 I/O 132CSBGA		IC FPGA 333 I/O 456FBGA	IC FPGA 108 I/O 144TQFP	IC FPGA 173 I/O 256FTBGA



XC3S1000-5FGG456C

AMD
IC FPGA 333 I/O 456FBGA

XC3S1000-5FT256C

AMD
IC FPGA 173 I/O 256FTBGA

XC3S1000-5FTG256C

AMD
IC FPGA 173 I/O 256FTBGA

XC3S1000-4FGG456I(1)

AMD Xilinx

XC3S1000-4FGG676I

AMD
IC FPGA 391 I/O 676FBGA

XC3S1000-4FGG676C

AMD
IC FPGA 391 I/O 676FBGA

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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Certifications & Memberships



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