

Image may be representation.
See specifications for product details.



XC3S4000-4FGG676I

Manufacturer Part Number	XC3S4000-4FGG676I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S4000-4FGG676I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 489 I/O 676FBGA
Package	676-BGA
Data sheet	XC3S4000-4FGG676I.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC3S4000-4FGG676I - AMD.New Original in Stock. Download Linear Technology XC3S4000-4FGG676I datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S4000-4FGG676I, please send us email: info@allelco.com

Specifications

XC3S4000-4FGG676I Tech Specifications
XC3S4000-4FGG676I - 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	62208
Total RAM Bits	1769472	Number of LABs/CLBs	6912
Supplier Device Package	676-FBGA (27x27)	Number of I/O	489
Series	Spartan®-3	Number of Gates	4000000
Package / Case	676-BGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC3S4000

Parts with Similar Specifications

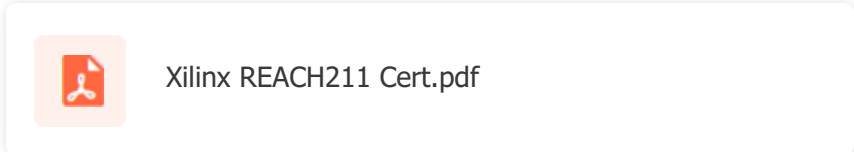
The three parts on the right have similar specifications to AMD XC3S4000-4FGG676I

Product Attribute				
Part Number	XC3S4000-4FGG676I	XC3S4000-4FGG676C	XC3S400-5TQG144C	XC3S400A-4FG400C
Manufacturer	AMD	AMD	AMD	AMD
Total RAM Bits	1769472	1769472	294912	368640
Package / Case	676-BGA	676-BGA	144-LQFP	400-BGA
Number of Logic Elements/Cells	62208	62208	8064	8064
Base Product Number	XC3S4000	XC3S4000	XC3S400	XC3S400
Number of I/O	489	489	97	311
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	676-FBGA (27x27)	676-FBGA (27x27)	144-TQFP (20x20)	400-FBGA (21x21)
Number of Gates	4000000	4000000	400000	400000
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Tray	Tray	Tray
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Series	Spartan®-3	Spartan®-3	Spartan®-3	Spartan®-3A
Number of LABs/CLBs	6912	6912	896	896

XC3S4000-4FGG676I Datasheet PDF

Download XC3S4000-4FGG676I pdf datasheets and AMD documentation for XC3S4000-4FGG676I - AMD.

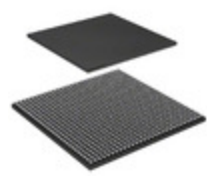
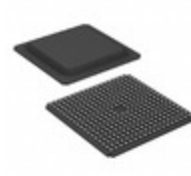
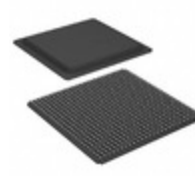
Environmental Information



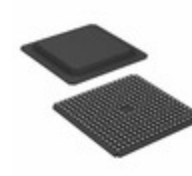
Customers Also Interested in

Recommended Products

XC3S4000-4FGG676C	XC3S400-5TQG144C	XC3S400A-4FG400C	XC3S4000-5FGG900C	XC3S400-5TQG144I	XC3S4000-5FGG676C
AMD	AMD	AMD	AMD	AMD Xilinx	AMD
IC FPGA 489 I/O 676FBGA	IC FPGA 97 I/O 144TQFP	IC FPGA 311 I/O 400FBGA	IC FPGA 633 I/O 900FBGA		IC FPGA 489 I/O 676FBGA
XC3S4000-4FGG1156C	XC3S400-5TQ144I	XC3S4000-4FGG900I	XC3S400-5FTG256C	XC3S4000-4FGG676C	XC3S4000-4FGG900C
AMD Xilinx	AMD Xilinx	AMD	AMD	AMD	AMD
		IC FPGA 633 I/O 900FBGA	IC FPGA 173 I/O 256FTBGA	IC FPGA 489 I/O 676FCBGA	IC FPGA 633 I/O 900FBGA

**XC3S4000-4FGG900I**AMD
IC FPGA 633 I/O 900FBGA**XC3S400A-4FGG320C**AMD
IC FPGA 251 I/O 320FBGA**XC3S4000-4FG676I**AMD
IC FPGA 489 I/O 676FCBGA**XC3S400-FGG456**

AMD Xilinx

**XC3S400A-4FG320C**Xilinx
IC FPGA 251 I/O 320FBGA**XC3S4000-FGG676EGQ**

AMD Xilinx

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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