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See specifications for product details.



XC3S2000-4FG676I

Manufacturer Part Number	XC3S2000-4FG676I
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC3S2000-4FG676I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 489 I/O 676FCBGA
Package	676-BGA
Data sheet	XC3S2000-4FG676I.pdf

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Specifications

XC3S2000-4FG676I Tech Specifications
XC3S2000-4FG676I - 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	46080
Total RAM Bits	737280	Number of LABs/CLBs	5120
Supplier Device Package	676-FBGA (27x27)	Number of I/O	489
Series	Spartan@-3	Number of Gates	2000000
Package / Case	676-BGA	Mounting Type	Surface Mount
Package	Bulk	Base Product Number	XC3S2000

Parts with Similar Specifications

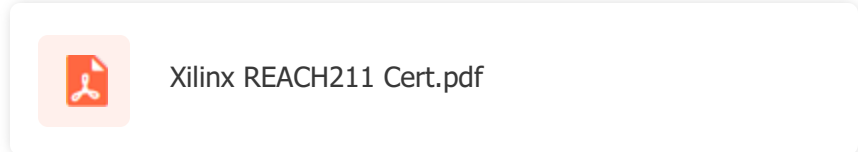
The three parts on the right have similar specifications to AMD XC3S2000-4FG676I

Product Attribute				
Part Number	XC3S2000-4FG676I	XC3S200-5PQG208C	XC3S2000-5FG900C	XC3S200-5PQG208C
Manufacturer	AMD	AMD	Xilinx	Xilinx
Total RAM Bits	737280	221184	737280	221184
Number of Gates	2000000	200000	2000000	200000
Number of LABs/CLBs	5120	480	5120	480
Package	Bulk	Tray	-	-
Package / Case	676-BGA	208-BFQFP	900-BBGA	208-BFQFP
Base Product Number	XC3S2000	XC3S200	-	-
Series	Spartan@-3	Spartan@-3	Spartan@-3	Spartan@-3
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of I/O	489	141	565	141
Number of Logic Elements/Cells	46080	4320	46080	4320
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	676-FBGA (27x27)	208-PQFP (28x28)	900-FBGA (31x31)	208-PQFP (28x28)
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14 V ~ 1.26 V	1.14 V ~ 1.26 V

XC3S2000-4FG676I Datasheet PDF

Download XC3S2000-4FG676I pdf datasheets and AMD documentation for XC3S2000-4FG676I - AMD.

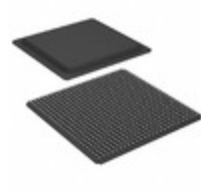
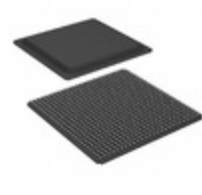
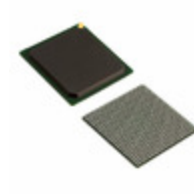
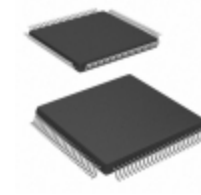
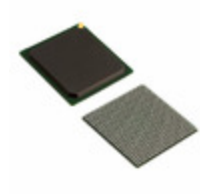
Environmental Information



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Recommended Products

XC3S200-5PQG208C	XC3S2000-5FG900C	XC3S200-5PQG208C	XC3S200-4VQG100C	XC3S2000-4FGG676I	XC3S200-FTG256
AMD IC FPGA 141 I/O 208QFP	Xilinx IC FPGA 565 I/O 900FBGA	Xilinx IC FPGA 141 I/O 208QFP	AMD IC FPGA 63 I/O 100VQFP	AMD IC FPGA 489 I/O 676FBGA	AMD Xilinx
XC3S2000-5FG456C	XC3S2000-4FGG456C	XC3S2000-4FG456C	XC3S2000-4FG900C	XC3S2000-5FGG456C	XC3S2000-4FGG456I
Xilinx IC FPGA 333 I/O 456FBGA	AMD IC FPGA 333 I/O 456FBGA	AMD IC FPGA 333 I/O 456FBGA	Xilinx IC FPGA 565 I/O 900FBGA	AMD IC FPGA 333 I/O 456FBGA	AMD IC FPGA 333 I/O 456FBGA

**XC3S200-4VQ100I**AMD
IC FPGA 63 I/O 100VQFP**XC3S2000-4FG676C**AMD
IC FPGA 489 I/O 676FCBGA**XC3S2000-5FG676C**AMD
IC FPGA 489 I/O 676FCBGA**XC3S2000-5FGG676C**AMD
IC FPGA 489 I/O 676FBGA**XC3S200-4VQG100I**AMD
IC FPGA 63 I/O 100VQFP**XC3S2000-4FGG676C**AMD
IC FPGA 489 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.

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The payment method can be chosen from the methods shown below:
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