

Image may be representation.
See specifications for product details.



XC3S4000-4FG676I

| | |
|--------------------------|---------------------------------|
| Manufacturer Part Number | XC3S4000-4FG676I |
| Manufacturer | AMD Xilinx |
| Allelco Part Number | 32D-XC3S4000-4FG676I |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 489 I/O 676FCBGA |
| Package | 676-BGA |
| Data sheet | XC3S4000-4FG676I.pdf |

Get a Quote

XC3S4000-4FG676I - AMD.New Original in Stock. Download Linear Technology XC3S4000-4FG676I datasheet/specifications on AllelcoElec.com.
Request a quote for XC3S4000-4FG676I, please send us email: info@allelco.com

Specifications

XC3S4000-4FG676I Tech Specifications
XC3S4000-4FG676I - 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 | 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 | Bulk | Base Product Number | XC3S4000 |

Parts with Similar Specifications

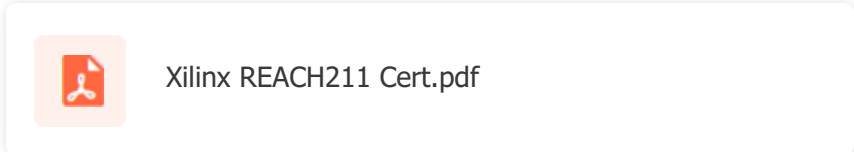
The three parts on the right have similar specifications to AMD XC3S4000-4FG676I

| Product Attribute | | | | |
|--------------------------------|--------------------|------------------|-------------------|------------------|
| Part Number | XC3S4000-4FG676I | XC3S400-5FGG456C | XC3S400-5FTG256C | XC3S400-5FGG320C |
| Manufacturer | AMD | AMD | AMD | AMD |
| Number of Gates | 4000000 | 400000 | 400000 | 400000 |
| Number of I/O | 489 | 264 | 173 | 221 |
| Supplier Device Package | 676-FBGA (27x27) | 456-FBGA (23x23) | 256-FTBGA (17x17) | 320-FBGA (19x19) |
| Number of Logic Elements/Cells | 62208 | 8064 | 8064 | 8064 |
| Package | Bulk | Tray | Tray | Tray |
| Voltage - Supply | 1.14V ~ 1.26V | 1.14V ~ 1.26V | 1.14V ~ 1.26V | 1.14V ~ 1.26V |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Total RAM Bits | 1769472 | 294912 | 294912 | 294912 |
| Series | Spartan®-3 | Spartan®-3 | Spartan®-3 | Spartan®-3 |
| Base Product Number | XC3S4000 | XC3S400 | XC3S400 | XC3S400 |
| Package / Case | 676-BGA | 456-BBGA | 256-LBGA | 320-BGA |
| Number of LABs/CLBs | 6912 | 896 | 896 | 896 |
| Operating Temperature | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ) | 0°C ~ 85°C (TJ) | 0°C ~ 85°C (TJ) |

XC3S4000-4FG676I Datasheet PDF

Download XC3S4000-4FG676I pdf datasheets and AMD documentation for XC3S4000-4FG676I - AMD.

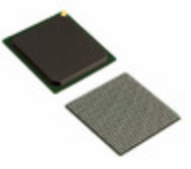
Environmental Information



Customers Also Interested in

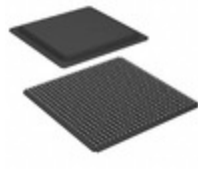
Recommended Products

| | | | | | |
|--------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------|---------------------------------|
| | | | | | |
| XC3S400-5FGG456C | XC3S400-5FTG256C | XC3S400-5FGG320C | XC3S400-5TQG144C | XC3S400-FGG456 | XC3S400-5FT256C |
| AMD IC FPGA 264 I/O 456FBGA | AMD IC FPGA 173 I/O 256FTBGA | AMD IC FPGA 221 I/O 320FBGA | AMD IC FPGA 97 I/O 144TQFP | AMD Xilinx | AMD IC FPGA 173 I/O 256FTBGA |
| | | | | | |
| XC3S4000-5FGG676C | XC3S4000-5FGG900C | XC3S4000-4FGG900C | XC3S4000-4FGG676I | XC3S4000-4FGG1156C | XC3S400-5TQG144I |
| AMD IC FPGA 489 I/O 676FBGA | AMD IC FPGA 633 I/O 900FBGA | AMD IC FPGA 633 I/O 900FBGA | AMD IC FPGA 489 I/O 676FBGA | AMD Xilinx | AMD Xilinx |



XC3S4000-4FGG676C

AMD
IC FPGA 489 I/O 676FBGA



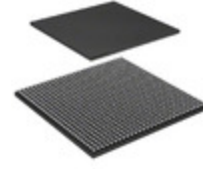
XC3S4000-4FG676C

AMD
IC FPGA 489 I/O 676FCBGA



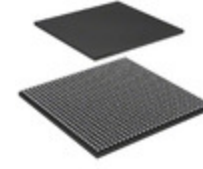
XC3S400-4TQG144I

AMD
IC FPGA 97 I/O 144TQFP



XC3S4000-4FGG900I

AMD
IC FPGA 633 I/O 900FBGA



XC3S4000-4FG900I

AMD
IC FPGA 633 I/O 900FBGA



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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- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

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