

Image may be representation.
See specifications for product details.



XCV400-4FG676I

| | |
|--------------------------|--------------------------|
| Manufacturer Part Number | XCV400-4FG676I |
| Manufacturer | AMD Xilinx |
| Allelco Part Number | 32D-XCV400-4FG676I |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 404 I/O 676FCBGA |
| Package | 676-BGA |
| Data sheet | Virtex 2.5 V.pdf |

Get a Quote

XCV400-4FG676I - AMD.New Original in Stock. Download Linear Technology XCV400-4FG676I datasheet/specifications on AllelcoElec.com.
Request a quote for XCV400-4FG676I, please send us email: info@allelco.com

Specifications

XCV400-4FG676I Tech Specifications

XCV400-4FG676I - 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 | 2.375V ~ 2.625V | Number of Logic Elements/Cells | 10800 |
| Total RAM Bits | 81920 | Number of LABs/CLBs | 2400 |
| Supplier Device Package | 676-FBGA (27x27) | Number of I/O | 404 |
| Series | Virtex® | Number of Gates | 468252 |
| Package / Case | 676-BGA | Mounting Type | Surface Mount |
| Package | Tray | Base Product Number | XCV400 |

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XCV400-4FG676I

| Product Attribute | | | | |
|--------------------------------|--------------------|------------------|-----------------------------|-----------------------------|
| Part Number | XCV400-4FG676I | XCV400-4FG676C | XCV400-5BG560I | XCV400-5BG432I |
| Manufacturer | AMD | AMD | AMD | AMD |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Number of I/O | 404 | 404 | 404 | 316 |
| Series | Virtex® | Virtex® | Virtex® | Virtex® |
| Package | Tray | Tray | Tray | Tray |
| Number of LABs/CLBs | 2400 | 2400 | 2400 | 2400 |
| Number of Gates | 468252 | 468252 | 468252 | 468252 |
| Number of Logic Elements/Cells | 10800 | 10800 | 10800 | 10800 |
| Operating Temperature | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ) | -40°C ~ 100°C (TJ) | -40°C ~ 100°C (TJ) |
| Voltage - Supply | 2.375V ~ 2.625V | 2.375V ~ 2.625V | 2.375V ~ 2.625V | 2.375V ~ 2.625V |
| Supplier Device Package | 676-FBGA (27x27) | 676-FBGA (27x27) | 560-MBGA (42.5x42.5) | 432-MBGA (40x40) |
| Base Product Number | XCV400 | XCV400 | XCV400 | XCV400 |
| Total RAM Bits | 81920 | 81920 | 81920 | 81920 |
| Package / Case | 676-BGA | 676-BGA | 560-LBGA Exposed Pad, Metal | 432-LBGA Exposed Pad, Metal |

XCV400-4FG676I Datasheet PDF

Download XCV400-4FG676I pdf datasheets and AMD documentation for XCV400-4FG676I - AMD.

Datasheets

[Virtex 2.5 V.pdf](#)

Environmental Information

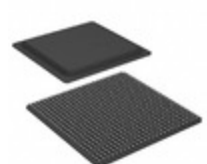
[Xilinx REACH211 Cert.pdf](#)

PCN Obsolescence/ EOL

[Spartan,Virtex FPGA/SCD 18/Oct/2010.pdf](#)

Customers Also Interested in

Recommended Products



XCV400-4FG676C

AMD
IC FPGA 404 I/O 676FCBGA



XCV400-5BG560I

AMD
IC FPGA 404 I/O 560MBGA



XCV400-5BG432I

AMD
IC FPGA 316 I/O 432MBGA



XCV400-5BG560C

AMD
IC FPGA 404 I/O 560MBGA



XCV400-4HQ240C

AMD
IC FPGA 166 I/O 240QFP



XCV400-4BG560C

AMD
IC FPGA 404 I/O 560MBGA



XCV400-6BG432C
AMD
IC FPGA 316 I/O 432MBGA

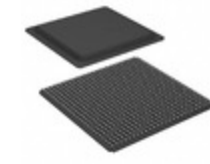
XCV400-4BGG560C
AMD Xilinx

XCV300E-PQ240
AMD Xilinx

XCV400-4BGG432I
AMD Xilinx

XCV400-4HQ240I
AMD
IC FPGA 166 I/O 240QFP

XCV400-4BG560I
AMD
IC FPGA 404 I/O 560MBGA



XCV400-4BG432C
AMD
IC FPGA 316 I/O 432MBGA

XCV400-6BG560C
AMD
IC FPGA 404 I/O 560MBGA

XCV400-4BGG432C
AMD Xilinx

XCV400-5FG676C
AMD
IC FPGA 404 I/O 676FCBGA

XCV400-4BG432I
AMD
IC FPGA 316 I/O 432MBGA

XCV400-5BG432C
AMD
IC FPGA 316 I/O 432MBGA

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



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