

Image may be representation.  
See specifications for product details.



## XC3S1500-4FGG676I

|                          |                          |
|--------------------------|--------------------------|
| Manufacturer Part Number | <b>XC3S1500-4FGG676I</b> |
| Manufacturer             | <b>AMD Xilinx</b>        |
| Allelco Part Number      | 32D-XC3S1500-4FGG676I    |
| ECAD Model               | Request Free CAD Models  |
| Parts Description        | IC FPGA 487 I/O 676FBGA  |
| Package                  | 676-BGA                  |
| Data sheet               | XC3S1500-4FGG676I.pdf    |
| RoHs Status              | <b>ROHS3 Compliant</b>   |

**Get a Quote**

XC3S1500-4FGG676I - AMD.New Original in Stock. Download Linear Technology XC3S1500-4FGG676I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC3S1500-4FGG676I, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

XC3S1500-4FGG676I Tech Specifications  
XC3S1500-4FGG676I - 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 | 29952              |
| Total RAM Bits          | 589824           | Number of LABs/CLBs            | 3328               |
| Supplier Device Package | 676-FBGA (27x27) | Number of I/O                  | 487                |
| Series                  | Spartan®-3       | Number of Gates                | 1500000            |
| Package / Case          | 676-BGA          | Mounting Type                  | Surface Mount      |
| Package                 | Tray             | Base Product Number            | XC3S1500           |

### Parts with Similar Specifications

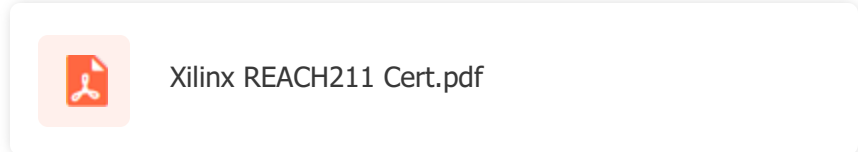
The three parts on the right have similar specifications to AMD XC3S1500-4FGG676I

| Product Attribute              |                    |                         |                          |                          |
|--------------------------------|--------------------|-------------------------|--------------------------|--------------------------|
| Part Number                    | XC3S1500-4FGG676I  | <b>XC3S1500-4FG456I</b> | <b>XC3S1500-4FGG320C</b> | <b>XC3S1500-4FGG456I</b> |
| Manufacturer                   | AMD                | AMD                     | AMD                      | AMD                      |
| Number of Gates                | 1500000            | 1500000                 | 1500000                  | 1500000                  |
| Number of Logic Elements/Cells | 29952              | 29952                   | 29952                    | 29952                    |
| Base Product Number            | XC3S1500           | XC3S1500                | XC3S1500                 | XC3S1500                 |
| Total RAM Bits                 | 589824             | 589824                  | 589824                   | 589824                   |
| Package / Case                 | 676-BGA            | 456-BBGA                | 320-BGA                  | 456-BBGA                 |
| Operating Temperature          | -40°C ~ 100°C (TJ) | -40°C ~ 100°C (TJ)      | 0°C ~ 85°C (TJ)          | -40°C ~ 100°C (TJ)       |
| Mounting Type                  | Surface Mount      | Surface Mount           | Surface Mount            | Surface Mount            |
| Number of LABs/CLBs            | 3328               | 3328                    | 3328                     | 3328                     |
| Series                         | Spartan®-3         | Spartan®-3              | Spartan®-3               | Spartan®-3               |
| Supplier Device Package        | 676-FBGA (27x27)   | 456-FBGA (23x23)        | 320-FBGA (19x19)         | 456-FBGA (23x23)         |
| Package                        | Tray               | Tray                    | Tray                     | Tray                     |
| Number of I/O                  | 487                | 333                     | 221                      | 333                      |
| Voltage - Supply               | 1.14V ~ 1.26V      | 1.14V ~ 1.26V           | 1.14V ~ 1.26V            | 1.14V ~ 1.26V            |

### XC3S1500-4FGG676I Datasheet PDF

Download XC3S1500-4FGG676I pdf datasheets and AMD documentation for XC3S1500-4FGG676I - AMD.

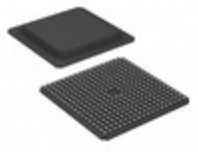
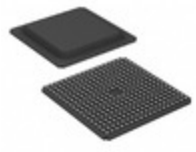
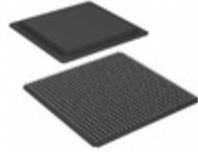
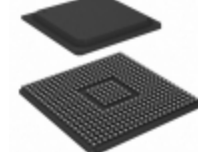
#### Environmental Information



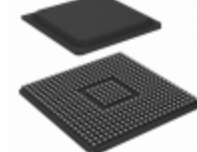
### Customers Also Interested in

#### Recommended Products

|                          |                          |                           |                          |                           |                          |
|--------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
|                          |                          |                           |                          |                           |                          |
| <b>XC3S1500-4FG456I</b>  | <b>XC3S1500-4FGG320C</b> | <b>XC3S1500-4FGG456I</b>  | <b>XC3S1500-4FG456C</b>  | <b>XC3S1500-FGG456EGQ</b> | <b>XC3S1500FG676</b>     |
| AMD                      | AMD                      | AMD                       | AMD                      | AMD Xilinx                | AMD Xilinx               |
| IC FPGA 333 I/O 456FBGA  | IC FPGA 221 I/O 320FBGA  | IC FPGA 333 I/O 456FBGA   | IC FPGA 333 I/O 456FBGA  |                           |                          |
|                          |                          |                           |                          |                           |                          |
| <b>XC3S1500-5FG676C</b>  | <b>XC3S1500-4FG676I</b>  | <b>XC3S1500-4FG676I/C</b> | <b>XC3S1500-4FGG676C</b> | <b>XC3S1500-FGG676C</b>   | <b>XC3S1500-4FGG456C</b> |
| AMD                      | AMD                      | AMD Xilinx                | AMD                      | AMD Xilinx                | AMD                      |
| IC FPGA 487 I/O 676FCBGA | IC FPGA 487 I/O 676FCBGA |                           | IC FPGA 487 I/O 676FBGA  |                           | IC FPGA 333 I/O 456FBGA  |

**XC3S1500-5FG320C**AMD  
IC FPGA 221 I/O 320FBGA**XC3S1500-4FGG320I**AMD  
IC FPGA 221 I/O 320FBGA**XC3S1500-4FG676C**AMD  
IC FPGA 487 I/O 676FCBGA**XC3S1500-5FGG456C**AMD  
IC FPGA 333 I/O 456FBGA**XC3S1500-FG676C**

AMD Xilinx

**XC3S1500-5FG456C**AMD  
IC FPGA 333 I/O 456FBGA

## 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

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### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

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