

Image may be representation.
See specifications for product details.



XC7K160T-1FBG676C

| | |
|--------------------------|--------------------------|
| Manufacturer Part Number | XC7K160T-1FBG676C |
| Manufacturer | AMD Xilinx |
| Allelco Part Number | 32D-XC7K160T-1FBG676C |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 400 I/O 676FCBGA |
| Package | 676-BBGA, FCBGA |
| Data sheet | XC7K160T-1FBG676C.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

XC7K160T-1FBG676C - AMD.New Original in Stock. Download Linear Technology XC7K160T-1FBG676C datasheet/specifications on AllelcoElec.com.
Request a quote for XC7K160T-1FBG676C, please send us email: info@allelco.com

Specifications

XC7K160T-1FBG676C Tech Specifications
XC7K160T-1FBG676C - AMD technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|-------------------|--------------------------------|-----------------|
| Manufacturer | AMD Xilinx | Operating Temperature | 0°C ~ 85°C (TJ) |
| Voltage - Supply | 0.97V ~ 1.03V | Number of Logic Elements/Cells | 162240 |
| Total RAM Bits | 11980800 | Number of LABs/CLBs | 12675 |
| Supplier Device Package | 676-FCBGA (27x27) | Number of I/O | 400 |
| Series | Kintex®-7 | Mounting Type | Surface Mount |
| Package / Case | 676-BBGA, FCBGA | Base Product Number | XC7K160 |
| Package | Tray | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC7K160T-1FBG676C

| Product Attribute | | | | |
|--------------------------------|-------------------|-----------------------------------|----------------------------------|-----------------------------------|
| Part Number | XC7K160T-1FBG676C | XC7K160T-1FBG676I | XC7K160T-1FB676I | XC7A75T-L2FGG484E |
| Manufacturer | AMD | AMD | AMD | AMD |
| Total RAM Bits | 11980800 | 11980800 | 11980800 | 3870720 |
| Series | Kintex®-7 | Kintex®-7 | Kintex®-7 | Artix-7 |
| Package | Tray | Tray | Tray | Tray |
| Operating Temperature | 0°C ~ 85°C (TJ) | -40°C ~ 100°C (TJ) | -40°C ~ 100°C (TJ) | 0°C ~ 100°C (TJ) |
| Base Product Number | XC7K160 | XC7K160 | XC7K160 | XC7A75 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Supplier Device Package | 676-FCBGA (27x27) | 676-FCBGA (27x27) | 676-FCBGA (27x27) | 484-FBGA (23x23) |
| Package / Case | 676-BBGA, FCBGA | 676-BBGA, FCBGA | 676-BBGA, FCBGA | 484-BBGA |
| Number of Logic Elements/Cells | 162240 | 162240 | 162240 | 75520 |
| Number of I/O | 400 | 400 | 400 | 285 |
| Voltage - Supply | 0.97V ~ 1.03V | 0.97V ~ 1.03V | 0.97V ~ 1.03V | 0.95V ~ 1.05V |
| Number of LABs/CLBs | 12675 | 12675 | 12675 | 5900 |

XC7K160T-1FBG676C Datasheet PDF

Download XC7K160T-1FBG676C pdf datasheets and AMD documentation for XC7K160T-1FBG676C - AMD.

Environmental Information

[Xilinx REACH211 Cert.pdf](#)

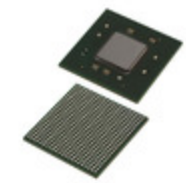
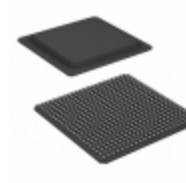
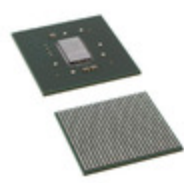
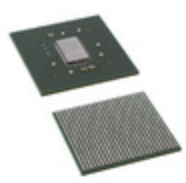
PCN Design/Specification

[Mult Dev Material Chg 16/Dec/2019.pdf](#)

[Cross-Ship Lead-Free Notice 31/Oct/2016.pdf](#)

Customers Also Interested in

Recommended Products



XC7K160T-1FBG676I
AMD
IC FPGA 400 I/O 676FCBGA

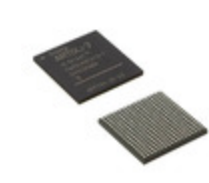
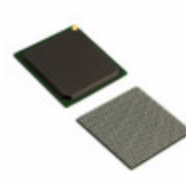
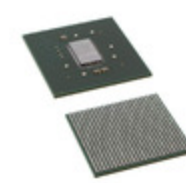
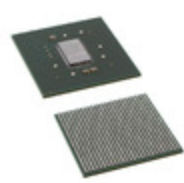
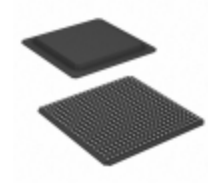
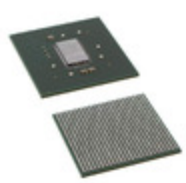
XC7A75T-CSG324
AMD Xilinx

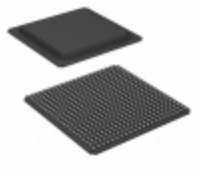
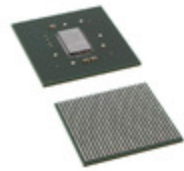
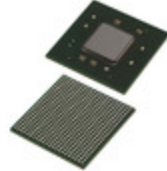
XC7K160T-1FB676I
AMD
IC FPGA 400 I/O 676FCBGA

XC7A75T-L2FGG484E
AMD
IC FPGA 285 I/O 484FBGA

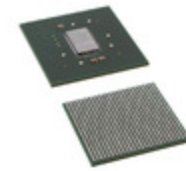
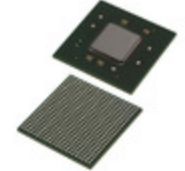
XC7K160T-1FBG484C
AMD
IC FPGA 285 I/O 484FCBGA

XC7K160T
AMD Xilinx



XC7K160T-1FFG676IAMD
IC FPGA 400 I/O 676FCBGA**XC7A75T-L1FGG484I**Xilinx
IC FPGA 250 I/O 484FCBGA**XC7A75T-3FGG484E**AMD
IC FPGA 285 I/O 484FBGA**XC7K160T-1FFG676C**AMD
IC FPGA 400 I/O 676FCBGA**XC7K160T-2FB676I**AMD
IC FPGA 400 I/O 676FCBGA**XC7K160T-1FBG484I**AMD
IC FPGA 285 I/O 484FCBGA**XC7K160T-1FF676C**AMD
IC FPGA 400 I/O 676FCBGA**XC7K160T-1FFG676ACX**

AMD Xilinx

XC7A75T-3FGG676EAMD
IC FPGA 300 I/O 676FBGA**XC7K160T-1FF676I**AMD
IC FPGA 400 I/O 676FCBGA**XC7A75T-L2CSG324E**AMD
IC FPGA 210 I/O 324CSBGA**XC7K160T-2FB484I**AMD
IC FPGA 285 I/O 484FCBGA**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.



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+00852 9146 4856



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